

**PHASE II ENVIRONMENTAL SITE ASSESSMENT
MASKER'S THEATER & THOMPSON'S WHARF
45 FRONT STREET (TAX MAP 11, LOT 136)
BELFAST, MAINE**

Prepared for:

City of Belfast, Maine
131 Church Street
Belfast, Maine
(Using U.S.EPA Brownfields Funding
Under Belfast's Assessment Grant No. BF96151001-0)

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EXECUTIVE SUMMARY

On behalf of the City of Belfast, the following report presents the findings of a Phase II Environmental Site Assessment (ESA) performed by Ransom Consulting, Inc. (Ransom) for the Masker's Theater and Thompson's Wharf property located at 45 Front Street in the City of Belfast, Waldo County, Maine (the "Site"). The Phase II ESA was performed in conjunction with the U.S. 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 City of Belfast's Municipal Brownfields Site Assessment Program (Grant No. BF96151001-0).

The Site consists of an irregular-shaped parcel of land, encompassing approximately 2.79 acres, located along the northern side of Front Street, approximately 250 feet west of the intersection of Front Street and Main Street in the City of Belfast. The Site is identified by the City of Belfast Assessor's Office as Tax Map 11, Lot 136, which corresponds to 45 Front Street. The Site is currently improved with two buildings, which are described herein, as the Masker's Theater and Storage Building and collectively identified as (the "Site Buildings") and a marina wharf along the harbor shoreline (Thompson's Wharf).

A Phase I ESA, dated November 13, 2013, was completed by Ransom. The Phase I ESA identified *Recognized Environmental Conditions (RECs)* in connection with the Site and vicinity's former uses, including a town solid waste dump, bulk fuel facility, working waterfront activities, and railroad use. These historical uses have resulted in documented adverse impacts to soil, groundwater, and soil vapor in the Site vicinity. 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 proposed mixed commercial and residential redevelopment. The Phase II scope of work included the advancement of soil borings, installation of temporary groundwater monitoring wells and soil vapor sample points, and the collection and chemical analysis of soil, groundwater, and soil vapor samples throughout the Site. Furthermore, a Hazardous Materials Inventory (HMI) of suspect hazardous building materials including asbestos, lead-based paint, universal wastes, and other potentially hazardous building materials at the Site Buildings was also conducted concurrently with our Phase II investigation.

Based on the results of our Phase II ESA program, surficial and subsurface soil samples contained urban fill materials, including coal and bricks. No evidence of "petroleum-saturated soils" were encountered during the soil boring advancements at the Site.

Laboratory analytical results of soil samples collected during this investigation identified low-levels of volatile organic compounds (VOCs), volatile petroleum hydrocarbon (VPH) fractions, extractable petroleum hydrocarbon (EPH) fractions, and target polycyclic aromatic hydrocarbons (PAHs) at concentrations below their respective MEDEP Remedial Action Guidelines (RAGs) for "Residential", "Outdoor Commercial Worker", and "Excavation/Construction Worker" exposure scenarios, with the exception of one PAH [benzo(a)pyrene]. The detected concentration of benzo(a)pyrene in two soil samples exceeded its respective MEDEP RAG "Residential" exposure scenario; however, the concentrations of benzo(a)pyrene do not exceed its respective background concentrations, as detected in surficial soils at nearby properties along Front Street. The presence of these low-level VOCs, VPH fractions, EPH fractions, and target PAHs detected in surficial and subsurface soils at the Site are likely associated with the identified urban fill from former railroad and/or town solid waste dumping operations

at the Site and/or associated with the Site's current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

Metals (specifically, arsenic, cadmium, chromium, and lead) were also detected in surficial and subsurface soil samples collected at the Site at concentrations below their respective MEDEP RAGs for "Residential" or "Outdoor Commercial Worker" exposure scenarios, with the exception of arsenic detected in several surficial soil samples. The arsenic concentrations detected in surficial soils exceed its corresponding MEDEP RAG "Residential" exposure scenario; however, the concentrations were consistent with Site-specific and area-wide background concentrations detected during this investigation at other properties along the Front Street and also did not exceed its "Undeveloped Background" MEDEP RAG. Based on this information, it is inferred that the concentrations of these metals (specifically, arsenic, cadmium, chromium, and lead) detected in surficial and subsurface soils at the Site are likely representative of either naturally-occurring metals concentrations in Maine soils or urban fill resulting from coal and/or wood combustion byproducts, solid waste disposal, or residues from former railroad operations at the Site.

Groundwater was encountered at approximate depths ranging from 7.5 to 8.5 feet below ground surface (bgs) and groundwater was calculated to flow in a generally northerly direction across the Site toward Belfast Harbor. No evidence of "free petroleum product" contamination was observed in groundwater during the soil boring advancements or collection of groundwater samples at the Site. Furthermore, no contaminants of concern were detected in groundwater samples collected at the Site at concentrations above their respective laboratory detection limits.

Several petroleum- and solvent-related compounds were also detected in soil vapor samples collected at the Site. One air-phase petroleum hydrocarbon (APH) compound (naphthalene) and the VPH C₉-C₁₀ aromatic fraction were detected in the soil vapor samples at concentrations exceeding their corresponding calculated MEDEP Soil Gas Targets for "Residential" exposure scenarios; no target contaminants were detected in the soil vapor samples at concentrations exceeding their corresponding calculated Soil Gas Targets for "Commercial" exposure scenarios. Based on this information, it's likely that volatile petroleum- and/or solvent-related compounds in soil vapor at the Site may present a potential vapor intrusion risk to future occupied buildings at the Site.

The HMI identified asbestos-containing material (ACM) and lead-based painted surfaces in both Site Buildings along with potential polychlorinated biphenyl (PCB)-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the Site 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.

Based on the findings and information obtained during this Phase II ESA, Ransom concludes that additional environmental investigation are not currently warranted at this time; however, Ransom recommends the following with respect to the existing environmental conditions at the Site and the proposed Site redevelopment:

1. The results of this Phase II ESA completed for the Site, including the HMI, 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 and a “Certificate of Completion” letter (i.e., no further action required), provided that proper and appropriate environmental cleanup or remedial actions are completed, as approved by the MEDEP.

As a condition of approval, the NAA letter should require a deed restriction and/or institutional controls in the form of a Declaration of Environmental Covenant (DEC). As part of the DEC, on-site groundwater extraction should be prohibited and a Soil Management Plan and Health and Safety Plan should also be developed in order to insure proper characterization, handling, and management of contaminated soils, which may be encountered and displaced during redevelopment of the Site property (e.g., displaced and/or excess soils generated during installation of new foundations/utilities may require on-site management and/or off-site disposal).

2. A vapor barrier and/or passive sub-slab depressurization system should also be incorporated into the design of any new proposed Site structures in order to mitigate potential impacts to indoor air quality from potential vapor intrusion of volatile compounds identified in soil vapor samples collected at 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.
3. Prior to renovation and/or demolition of the Site Buildings, identified hazardous building materials that will be disturbed by the construction 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

On behalf of the City of Belfast, Ransom Consulting, Inc. (Ransom) is pleased to present this report documenting the results of a Phase II Environmental Site Assessment (ESA) performed at the Masker's Theater and Thompson's Wharf property located at 45 Front Street in the City of Belfast, Waldo County, Maine (the "Site"). This project was performed in conjunction with the U.S. Environmental Protection Agency (U.S. EPA) and the Maine Department of Environmental Protection (MEDEP) and was completed using U.S. EPA Brownfields funding under the City of Belfast's Brownfields Assessment Program (Grant No. BF96151001-0).

Furthermore, the Phase II ESA was completed in accordance with Ransom's Site-Specific Quality Assurance Project Plan (SSQAPP, Addendum No. 30), dated December 9, 2013. 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, dated November 13, 2013, was completed by Ransom. The Phase I ESA identified *Recognized Environmental Conditions (RECs)* in connection with the Site and vicinity's former uses, including a town solid waste dump, bulk fuel facility, working waterfront activities, and railroad use. These historical uses have resulted in documented adverse impacts to soil, groundwater, and soil vapor in the Site vicinity.

Based on the findings of our Phase I ESA, it was Ransom's opinion that historic Site operations, as well as off-site sources, have potentially impacted soil, groundwater, and/or soil vapor conditions at the Site. It was also Ransom's opinion that additional investigation was warranted and recommended to address the above-stated *RECs*, document current Site conditions in relation to current regulatory clean up guidelines, and evaluate the suitability of the Site property for proposed future redevelopment.

Ransom recommended that a Phase II ESA should be implemented to evaluate current soil, groundwater, 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 redevelopment of the Site property and identify whether remediation or mitigation measures are necessary to eliminate these potential health and environmental risks. Based on information provided by the City of Belfast, the Site is proposed to be redeveloped for mixed commercial and residential use.

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 that represent potential business 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. 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 Phase II ESA was conducted in accordance with our executed Master Services Agreement with the City of Belfast, dated April 27, 2012. Authorization to perform this Phase II ESA was provided by the City of Belfast.

This report was prepared using U.S. EPA Brownfields funding under the City of Belfast's Brownfields Assessment Grant No. BF96151001-0, 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 City of Belfast, 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 City of Belfast, 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 City of Belfast. 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 Investigation 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 are discussed in Section 2.0. 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 oil and/or hazardous materials (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, History, and Physical Setting

The Site consists of an irregular-shaped parcel of land, encompassing approximately 2.79 acres, located along the northern side of Front Street, approximately 250 feet west of the intersection of Front Street and Main Street in the City of Belfast, Waldo County, Maine. The Site is identified by the City of Belfast Assessor's Office as Tax Map 11, Lot 136, which corresponds to 45 Front Street. A Site Location Map is presented as Figure 1.

The Site is currently improved with two buildings, which are described herein, as the Masker's Theater and Storage Building and collectively identified as (the "Site Buildings") and a marina wharf along the harbor shoreline (Thompson's Wharf). The northern portion of the Site is bisected by a concrete-paved, Harbor Walk pedestrian walkway, which was constructed during the Summer 2013 and extends along the waterfront at the former location of the Belfast and Moosehead Lake Railroad (B&MLRR) tracks.

Based on available information, the Site and surrounding properties along Front Street consisted of submerged and/or partially-submerged land of Belfast Harbor, prior to circa 1870, at which time the Site and adjoining properties were developed with the B&MLRR. During its development, portions of the Site and immediate vicinity were constructed of filled land and were also reportedly utilized as the city solid waste dump during the late 1800s and early 1900s.

The Masker's Theater building operated as the freight house for the B&MLRR, from circa 1870 until 1985, and the Storage Building was utilized as a locomotive house by B&MLRR, from its construction circa 1951 until B&MLRR vacated the Site in 1985. Several additional railroad-related structures have historically been present at the Site, including other locomotive houses, passenger station, loading docks, a railway turntable, coal sheds, and outbuildings, which were constructed and demolished at various dates ranging from circa 1870 to circa 1985. The Site was reportedly vacant from 1985 until 1994. The Masker's Theater building was utilized as a playhouse for the Belfast Maskers Theater troupe from 1994 to 2011 and the building has remained vacant to the present date. The Storage Building has reportedly been vacant since 1985, but is occasionally utilized for miscellaneous storage by the City of Belfast.

Previous environmental investigations/assessments including MEDEP and USEPA-funded Brownfields environmental investigations and/or remedial activities have been performed at the northeastern adjoining property (Belfast Boatyard; 39-41 Front Street) and at the western adjoining/contiguous properties [Front Street Shipyard; 101 Front Street (former B&MLRR, Consumer Fuels, and Stinson Cannery)]. These previous environmental investigations and remedial activities performed at the adjoining properties have identified adverse environmental conditions, including localized impacts to soil, groundwater, and soil vapor with various polycyclic aromatic hydrocarbon (PAH) compounds, petroleum constituents, chlorinated solvents, and metals including lead and arsenic. Surficial soils collected from the Site as background samples for other environmental investigations at adjoining properties have identified elevated PAHs and metals at the Site.

Based on available information, these properties were submitted to the MEDEP Voluntary Response Action Program (VRAP) and have been investigated and/or remediated with prior MEDEP and/or USEPA oversight/guidance. Furthermore, contamination identified at these properties have been properly mitigated with institutional and/or engineering controls; however, since the historic use of these properties is similar to the historic use of the Site, it is inferred that similar contamination exists at the Site.

PCBs were reportedly not detected in soil samples collected in the Site vicinity during previous environmental investigations and there were no sources of PCBs (i.e., electrical substations, transformers, etc.) identified at the Site during our Phase I ESA. Based on this information, PCBs were not identified as a contaminant of concern in soil and/or groundwater at the Site.

Information provided by the City of Belfast during our Phase I ESA included an apparent discovery of petroleum-impacted soils by City workers during excavation of a utility trench at the western portion of the Site during construction of the adjoining Front Street Shipyard's Building No. 5 in 2012. The City of Belfast also indicated that the Site and immediate vicinity were historically utilized as a city solid waste dump and that previous environmental investigations conducted on adjoining properties have identified environmental impacts associated with historic dumping operations.

2.2 Recognized Environmental Conditions

A Phase I ESA was completed by Ransom on November 13, 2013. Both the MEDEP and U.S. EPA have reviewed and approved the Phase I ESA and agree that the *Recognized Environmental Conditions (RECs)* listed in the report were appropriate and inclusive based on the data presented, as stated below:

1. Anecdotal evidence, provided by the City of Belfast, and historical research suggests that the Site was used as a municipal solid waste dump from the late 1800s to the early 1900s. Soil, groundwater, and soil vapor conditions at the Site have the potential to have been adversely impacted by the historic dumping activities;
2. An area of apparent petroleum-impacted subsurface soils was reportedly encountered during excavation of a utility trench across the Site in 2012. No further assessment of environmental conditions has been conducted in connection with this release; and
3. Numerous investigations and remedial activities have been performed at neighboring and adjoining properties, which have identified localized impacts to soil, groundwater, and soil vapor. Based on the Site's proximity and similar history to these properties, it is anticipated that similar impacts may be potentially present at the Site.

Based on the findings of our Phase I ESA, it was Ransom's opinion that additional investigation was warranted to address the above-stated *RECs*, document current Site conditions in relation to current regulatory cleanup guidelines, and evaluate the suitability of the Site property for redevelopment.

2.3 Areas of Concern

Based on the findings of the Phase I ESA and the identified *RECs*, Ransom concluded that potential unknown and/or unreported releases of OHM associated with the Site and vicinity's former uses may have adversely impacted environmental conditions at the entire property; therefore, the source areas of contaminants of concern were considered to be Site-wide.

Contaminants of Concern (COCs) associated with former railroad, town dump, and bulk fuel facility operations include volatile and semi-volatile petroleum products, combustion by-products (ash), chlorinated solvents, lubricants, hydraulic fluids, waste oils, motor oils, and metals. Specific COC analytical parameters include volatile petroleum hydrocarbons (VPH), extractable petroleum hydrocarbons (EPH), PAHs, volatile organic compounds (VOCs), including petroleum and chlorinated solvents, and Metals. If present, these contaminants would likely be detected in surficial and subsurface fill materials at the Site. 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. Of the metals typically associated with former Site operations; the metals arsenic, cadmium, chromium, and lead have the potential to represent an exposure risk due to their relatively high toxicity characteristics. Other metals associated with these operations are not anticipated to represent an exposure risk, due to their relatively low toxicity characteristics. PCBs were reportedly not detected in prior soil samples collected in the Site vicinity; therefore, PCBs were not a COC in soil and/or groundwater at the Site.

If released, several of these COCs such as petroleum compounds, chlorinated solvents, and metals, will tend to dissolve, become comingled, and migrate with the preferential groundwater flow at the Site. Migration of dissolved-phase contaminants in groundwater is likely to be influenced by the tidal action of Belfast Harbor. The tidal influence on the groundwater table at the Site may have caused dissolved-phase contaminants, associated with the Site or nearby properties, to have further impacted groundwater conditions at the Site or neighboring properties. Public water is supplied to the Site and vicinity; therefore, ingestion of impacted groundwater does not pose a risk at this time. However, potential contaminant concentrations in groundwater will be evaluated for the purpose of evaluating risks to construction workers and identifying source areas and potential remediation scenarios.

In addition, several of these COCs are volatile and may impact soil vapor at the Site, which has the potential to migrate into existing or future Site buildings or nearby structures (vapor intrusion) or through utility corridors.

Hazardous Building Materials

Hazardous building materials, such as asbestos, lead paint, and universal wastes also represent potential health risks to future site occupants if the Site Buildings are to be renovated or demolished. In order to address these concerns, a HMI was conducted in conjunction with the Phase II ESA activities, as further discussed below.

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 current and future Site occupants, and evaluate the suitability of the Site for proposed mixed commercial and residential reuse.

The scope of work for the Phase II ESA was developed, based on the conceptual site model presented in the SSQAPP, and included the advancement of fourteen (14) soil borings, installation of three (3) temporary groundwater monitoring wells, installation of two (2) temporary soil vapor points, and the collection and chemical analysis of soil, groundwater, and soil vapor samples. Soil boring, monitoring well, and soil vapor sample locations are shown on Figure 2 and a groundwater elevation contour plan is included as Figure 3.

Soil Boring Advancement

From December 10 to 11, 2013, Ransom observed the advancement of fourteen (14) soil borings, identified as B101 through B114, by Environmental Projects Inc. (EPI) of Auburn, Maine. The soil borings were advanced 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 5.5 to 20 feet below ground surface (bgs).

Soil samples collected during the advancement of the soil borings were visually classified in the field by Ransom in general accordance with the Burmeister Soil Classification System. Surficial soil samples (approximately 0 to 2 feet bgs) were separated from subsurface soil samples (greater than 2 feet bgs) in order to evaluate exposure risks to site workers, site visitors and future site occupants.

Qualitative Field Screening

Soil samples collected during the advancement of the soil borings 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. Select soil samples 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) and/or proximity to the groundwater table. Sample intervals, sample recovery, and organic vapor concentrations (as determined by field screening) are included on the soil boring logs provided as Appendix A. Copies of the laboratory chemical analysis data reports are provided as 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 soil borings were submitted to Alpha Analytical, LLC (Alpha) of Westborough, Massachusetts, for chemical analysis. Soil samples were collected directly from the sampling equipment and transferred into laboratory-prepared glassware. 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 the following chemical analysis:

1. Volatile organic compounds (VOCs), by U.S. EPA Method 8260B;
2. Volatile petroleum hydrocarbon (VPH) fractions, excluding the target petroleum VOCs, by Massachusetts Department of Environmental Protection (MA DEP) Method 98-1 (VPH Standard) or including the target petroleum VOCs (VPH Full);
3. Extractable petroleum hydrocarbon (EPH) fractions, including target polycyclic aromatic hydrocarbons (PAHs), by MA DEP Method 98-1 (EPH Full); and
4. Metals (arsenic, cadmium, chromium, and lead) by U.S. EPA Method Series 6000/7000.

A duplicate soil sample (B10X) was collected from soil boring B101 and submitted for laboratory analysis for quality assurance/quality control (QA/QC) protocols as outlined in the SSQAPP.

Temporary Groundwater Monitoring Well Installation

On December 10, 2013, three soil borings (B101, B102, and B103) were completed as temporary groundwater monitoring wells (TW101, TW102, and TW103, respectively). During advancement of these soil borings, groundwater was encountered at approximate depths ranging from 7.63 to 8.87 feet bgs. The monitoring wells were constructed using 1-inch-diameter Schedule 40 PVC well casing and factory-slotted screen. The temporary monitoring wells were removed from the Site upon the completion of groundwater sampling activities. Well construction details can be found on the boring logs provided as Appendix A.

Groundwater Sampling and Analytical Testing

Prior to sample collection, the monitoring wells were developed using a peristaltic pump and dedicated tubing. The wells were developed in an effort to remove silt and fines and to restore the natural permeability of the soils surrounding the well screens. During the course of well development, no evidence of light non-aqueous phase liquid (LNAPL) or dense non-aqueous-phase liquid (DNAPL) were observed. When purging was complete, the monitoring wells were sampled in accordance with the low-flow sampling methods specified in the SSQAPP.

The groundwater 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 laboratory analysis. The groundwater samples were submitted for the following chemical analysis:

1. VOCs by U.S. EPA Method 8260B;
2. VPH fractions, excluding the target petroleum VOCs, by MA DEP Method 98-1 (VPH Standard) or including the target petroleum VOCs (VPH Full);
3. EPH fractions, including target PAHs, by MA DEP Method 98-1 (EPH Full); and
4. Dissolved metals (arsenic, cadmium, chromium, and lead) by U.S. EPA Method Series 6000/7000.

A duplicate groundwater sample (MWX) was collected from monitoring well TW102 and submitted for laboratory analysis for QA/QC protocols as outlined in the SSQAPP.

Soil Vapor Sample Point Installation & Analytical Testing

On December 11, 2013, Ransom advanced two temporary soil vapor monitoring points (SV101 & SV102) adjacent to soil boring (B108) and soil boring/temporary monitoring well (B102/TW102), respectively. The temporary soil vapor monitoring points were advanced with a Geoprobe soil vapor drive-point system at a depth of approximately 3 feet bgs. A bentonite seal was placed around the soil vapor points at the ground surface to prevent the influx of ambient air during sample collection.

Prior to sampling, the temporary soil vapor monitoring points were purged for approximately 15 minutes using a peristaltic pump at a flow rate of 0.5 liter/minute to ensure at least one well volume of vapor was purged prior to sampling. After purging, soil vapor samples were collected from the soil vapor monitoring points using laboratory-prepared SUMMA[®] passivated stainless steel canisters with a 30-minute flow controllers. The samples were submitted to Alpha and analyzed for the following:

1. VOCs by U.S. EPA Method TO-15; and
2. Air-phase petroleum hydrocarbons (APH) by the MA DEP Method.

A duplicate soil vapor sample (SVDUP) was collected from soil vapor sample point (SV102) and submitted for laboratory analysis for QA/QC protocols.

3.1 Background Samples

In order to compare site-specific soil concentrations of metals and EPH with background soil conditions in the vicinity of the Site, two surficial soil samples (0 to 2 feet bgs) were collected from the southern adjoining property (City of Belfast's Wastewater Treatment facility), which is presumed to be unaffected by the Site operations. The background soil samples (designated as BK-1 and BK-2) were collected with hand tools (i.e., shovels and pick axes) concurrent with the field activities on December 11, 2013. The background soil sample locations are shown on Figure 2.

The background soil samples were collected directly from the sampling equipment and transferred into laboratory-prepared glassware. The samples were preserved in the field in accordance with applicable protocols and delivered on ice under chain-of-custody protocol to Alpha for laboratory analysis. Both site-specific background soil samples BK-1 and BK-2 were analyzed for EPH, target PAHs, and metals (arsenic, cadmium, chromium, and lead).

Prior to this Site investigation, Phase II ESAs were also performed by Ransom at the western adjoining Front Street Shipyard property (101 Front Street) and the northern adjoining Belfast Boatyard property (41 Front Street) from 2012 to 2013. Each of these investigations included the collection and analysis of site-specific background samples for PAHs and metals. Results of these samples were also used to develop an area-wide database of background concentrations for PAHs and metals. The background samples are inferred to be indicative of general surficial soil conditions at properties along Front Street. Area-wide background results are summarized in Table 2.

3.2 Site-Wide Conditions (Former Site & Vicinity Uses)

As previously discussed, the entire Site was utilized for former railroad operations and a town solid waste dump. The presence of contamination was identified in the Site vicinity associated with historic railroad operations and petroleum releases likely originating from a former bulk fuel facility. Based on this information, potential unknown and/or unreported releases of OHM associated with these former operations may have adversely impacted environmental conditions at the entire property; therefore, the source areas of these contaminants of concern are Site-wide. Contaminant sources and exposure pathways associated with Site-wide conditions are described in Section 2.3.

In order to evaluate Site-wide conditions, fourteen (14) soil borings (B101 through B114) were advanced at the Site. Three (3) soil borings (B101, B102, and B103) were completed as temporary groundwater monitoring wells (TW101, TW102, and TW103, respectively). Ransom also advanced two (2) temporary soil vapor monitoring points (SV101 & SV102) adjacent to soil boring (B108) and soil boring/temporary monitoring well (B102/TW102), respectively.

Based on field screening results, observations, and the proposed redevelopment plans, Ransom submitted three surficial soil samples (0–2 feet bgs) collected from borings B102, B103, and B107 and two subsurface soil samples (deeper than 2 feet bgs) collected from borings B101 and B112 for the following laboratory analysis: VOCs, VPH and EPH fractions, target PAHs, and metals (arsenic, cadmium, chromium, and lead).

The groundwater samples collected from temporary monitoring wells TW101, TW102, and TW103 were submitted for laboratory analysis of VOCs, VPH and EPH fractions, target PAHs, and dissolved metals (arsenic, cadmium, chromium, and lead).

The soil vapor samples collected from temporary soil vapor monitoring points (SV101 & SV102) were submitted for laboratory analysis of VOCs and APH compounds.

3.3 Hazardous Building Materials

As previously discussed, it is possible that ACM and LBP are present in the Site Buildings. Universal wastes, such as mercury-containing switches and fluorescent light bulbs, as well as potential PCB-containing light ballasts were also observed in the Site Buildings. Ransom conducted a HMI concurrent with our Phase II ESA investigation. Results of the HMI are summarized in Section 4 and are detailed in the full HMI report provided as Appendix C.

4.0 RESULTS

The following subsections document the results of the Phase II ESA activities. Soil sample analytical results are summarized in Table 3. Groundwater sample analytical results are summarized in Table 4. Soil vapor sample analytical results are summarized in Table 5. Copies of the laboratory chemical analysis data reports are provided as Appendix B.

The analytical results of soil, groundwater, 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 May 10, 2013.

Soil

Since the Site is currently used for commercial purposes and is proposed to be redeveloped for mixed commercial and residential uses, 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 areas at the Site in the vicinity of subsurface utilities in order to evaluate potentially unacceptable risks to excavation or construction workers during proposed Site redevelopment and/or future utility work at the Site.

Groundwater

The analytical results of groundwater samples collected at the Site were also compared to the MEDEP RAGs. Since the Site is currently used for commercial purposes and is proposed to be redeveloped for mixed commercial and residential uses, the "Residential" and "Groundwater Construction Worker" exposure scenarios appear to be the most applicable guidance standard to compare analytical results of groundwater samples collected at the Site in order to assess potential costs for managing contaminated groundwater and potentially unacceptable risks to future site occupants and/or construction workers during potential future utility work at the Site.

The concentrations of contaminants were also compared to their respective "Groundwater Residential" RAGs and Maine Department of Human Services (DHS), Maine Center for Disease Control (CDC), *Maximum Exposure Guidelines (MEGs)*, dated October 19, 2012, in order to evaluate possible future land use scenarios and/or restrictions for groundwater withdrawal as a drinking water source at the Site.

Soil Vapor

The soil vapor sample analytical results were also compared to the MEDEP RAGs. MEDEP provides concentrations of various soil gas target volatile contaminants, which if exceeded in soil vapor samples, suggest that indoor air impacts are possible and describes additional procedures to evaluate potential vapor intrusion and risks to current and/or future building occupants at the Site and vicinity. Since the Site is proposed to be redeveloped for mixed commercial and residential uses, Ransom calculated applicable Soil Gas Target concentrations for commercial and residential use by multiplying (10x) the applicable Indoor Air Targets by their respective attenuation factors outlined in the RAGs.

4.1 Geology and Hydrogeology

In general, soils encountered during the Phase II Investigation were relatively consistent throughout the Site. Surficial and subsurface soil samples contained fill, which consisted of brown to dark brown and black, fine to coarse sand with varying amounts of silt and gravel. Apparent urban fill materials, including coal and bricks were encountered in surficial and subsurface fill soils at the Site. Native glacial- and/or fluvial-deposited silt and fine sand were encountered beneath the fill soils at inconsistent depths ranging from 8 to 20 feet bgs in soil borings B102, B104, and B113. Native soils were not encountered in the remaining soil borings. A small layer of black organic soils (less than 1 foot thick) was only encountered in soil boring B113 from approximately 10 to 11 feet bgs. Boring B113 was advanced at the northwestern portion of the Site near Belfast Harbor.

Groundwater was encountered in the soil borings at approximate depths ranging from 7.5 to 8.5 feet bgs. Probe refusal (presumed fill material) was encountered approximately 5.5 feet bgs during the advancement of soil borings B107 and B108; however, refusal conditions were not encountered in the other soil borings at the Site, which were advanced to approximate depths ranging from 12 to 20 feet bgs. Borings B107 and B108 were advanced along the southern portion of the Site near Front Street.

Trace to low-level organic vapors were detected in soil samples collected at the Site at concentrations ranging from 1 to 7.5 parts per million by volume (ppmv). Based on olfactory observations, soils exhibiting petroleum odors were only encountered in one boring (B101) at approximate depths ranging from 12 to 16 feet bgs; however, no evidence of petroleum-staining was observed in the soil samples collected from this boring. Boring B101 was advanced at the location of petroleum-impacted soils reportedly encountered during the City of Belfast's municipal subsurface utility work at the Site in 2012. No evidence of "petroleum-saturated soils" or evidence of "free petroleum product" contamination was observed in groundwater encountered during the soil boring advancements or gauging of temporary groundwater monitoring wells.

Concurrent with the Phase II investigation, a relative groundwater elevation survey was conducted in order to evaluate the local groundwater flow direction at the Site. Groundwater was measured at depths ranging from 7.63 to 8.87 feet bgs in the monitoring wells. Coupled with depth to groundwater data, relative groundwater elevations were calculated as shown in the following table. The data indicates a hydraulic gradient and associated interpreted groundwater flow direction to the north towards Belfast Harbor. Please refer to Figure 3 for groundwater elevation contours and calculated groundwater flow direction.

RESULTS OF GROUNDWATER ELEVATION SURVEY

Well	Depth to Groundwater (feet bgs)	Relative Ground Elevation	Relative Groundwater Elevation
TW101	8.56	12.55	3.99
TW102	8.87	12.41	3.54
TW103	7.63	11.09	3.46

NOTES:

1. Relative groundwater elevation survey and groundwater measurements conducted by Ransom on December 11, 2013.
2. Elevations are relative to arbitrary benchmark (northeast corner of the Storage Building) with an assigned elevation of 12.00 feet as indicated on the City of Belfast's Geographical Information Systems (GIS) municipal database.

4.2 Background Data

The following is a summary of laboratory analytical results of the background surficial soil samples (BK-1 and BK-2) collected during this investigation. Soil sample analytical results are summarized in Table 2. A copy of the laboratory chemical analysis data report is provided as Appendix B.

Extractable Petroleum Hydrocarbons & Target Polycyclic Aromatic Hydrocarbons

As shown in Table 2, two EPH fractions (C_{19} – C_{36} aliphatics and C_{11} – C_{22} aromatics) were detected in both surficial (zero to two feet bgs) background soil samples (BK-1 and BK-2) at concentrations ranging from 13.2 to 62.8 milligrams per kilogram (mg/kg). One or more of the following PAHs [benzo(g,h,i)perylene, benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene] were detected at concentrations ranging from 0.886 to 2.17 mg/kg. The concentrations of these EPH fractions and target PAHs did not exceed their respective MEDEP RAGs for “Residential” exposure scenarios, with the exception of benzo(a)pyrene detected at concentrations of 1.26 and 1.7 mg/kg in the soil samples collected from BK-1 and BK-2. The “Residential” RAG for benzo(a)pyrene is 0.26 mg/kg. No target PAHs or EPH fractions exceeded their “Outdoor Commercial Worker” RAGs.

Metals

As shown in Table 2, arsenic was detected in the surficial (0 to 2 feet bgs) background soil samples (BK-1 and BK-2) at concentrations of 11 and 13 mg/kg, respectively. These arsenic concentrations exceeded both their MEDEP RAGs for “Residential” and “Outdoor Commercial Worker” exposure scenarios of 1.4 and 4.2 mg/kg, respectively. Cadmium was detected at concentrations of 0.8 mg/kg in both surficial background soil samples (BK-1 and BK-2), which did not exceed its RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios of 11 and 94 mg/kg, respectively. Chromium was detected in both surficial background soil sample (BK-1 and BK-2) at concentrations of 36 and 31 mg/kg, respectively. These chromium concentrations did not exceed their RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios of 510 and 5,100 mg/kg, respectively. Lead was detected in both surficial background soil sample (BK-1 and BK-2) at concentrations of 51 and 82 mg/kg, respectively. These lead concentrations did not exceed their RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios of 340 and 1,100 mg/kg, respectively.

4.3 Area-Wide Background Data

Area-wide background data was collected during this investigation from the Site and nearby properties along Front Street from 2012 to 2013. Findings from the area-wide background samples indicated that arsenic concentrations range from 6.2 to 13 mg/kg. Cadmium ranges from concentrations of 0.26 to 0.8 mg/kg. Chromium ranges from concentrations of 31 to 36 mg/kg. Lead ranges from concentrations of 11 to 142 mg/kg. Analytical results of the area-wide background samples are shown in Table 2.

For the purpose of this Phase II Investigation, concentrations of EPH fractions, target PAHs, and metals (specifically, arsenic, cadmium, chromium, and lead) detected in surficial soil samples collected at the Site are considered elevated if they exceed the Site-specific and/or area-wide background concentrations identified at the Site and nearby properties along Front Street.

4.4 Site-Wide Surficial & Subsurface Data

Soil Sample Analytical Results

Volatile Organic Compounds

As shown in Table 3, VOCs were not detected in the surficial soil samples collected from borings B103 or B107 or the subsurface soil samples collected from borings B101 or B112 at concentrations above their respective laboratory detection limits.

The following petroleum-related VOCs; p-isopropyltoluene, naphthalene, toluene, and xylenes (total) were detected in the surficial soil sample collected from boring B102 at concentrations ranging from 0.075 to 0.73 mg/kg, which did not exceed any of their MEDEP RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios.

The presence of these low-level petroleum VOCs detected in surficial soils at the Site are likely associated the identified urban fill from former railroad and/or town solid waste dumping operations at the Site and/or associated with the Site’s current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

Volatile Petroleum Hydrocarbons

As shown in Table 3, VPH fractions were not detected in the surficial soil sample collected from boring B107 or the subsurface soil samples collected from borings B101 or B112 at concentrations above their respective laboratory detection limits.

One VPH fraction (C₅–C₈ aliphatics) was detected in the surficial soil sample collected from boring B102 and two VPH fractions (C₉–C₁₂ aliphatics and C₉–C₁₀ aromatics) were detected in the surficial soil sample collected from boring B103 at concentrations ranging from 6.76 to 7.88 mg/kg. The detected concentrations of these VPH fractions did not exceed any of their MEDEP RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios.

The presence of these low-level VPH fractions detected in surficial soils at the Site are likely associated the identified urban fill from former railroad and/or town solid waste dumping operations at the Site and/or associated with the Site’s current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

Extractable Petroleum Hydrocarbons

As shown in Table 3, EPH fractions were not detected in the subsurface soil samples collected from borings B101 or B112 at concentrations above their respective laboratory detection limits.

One EPH fraction (C₁₁–C₂₂ aromatics) was detected in the surficial soil sample collected from boring B102 and all three EPH fractions (C₉–C₁₈ aliphatics, C₁₉–C₃₆ aliphatics, and C₁₁–C₂₂ aromatics) were detected in the surficial soil samples collected from borings B103 and B107 at concentrations ranging from 8.13 to 70.6 mg/kg. The detected concentrations of these EPH fractions did not exceed any of their MEDEP RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios.

The presence of these low-level EPH fractions detected in surficial soils at the Site are likely associated with the Site’s current use as a parking lot with *de minimis* petroleum residues that are incidental to the normal operation of motor vehicles or associated with urban fill containing anthropogenic coal and/or wood combustion byproducts resulting from former railroad and/or town solid waste dumping operations at the Site.

Target Polycyclic Aromatic Hydrocarbons

As shown in Table 3, target PAHs were not detected in the surficial soil sample collected from boring B103 or the subsurface soil samples collected from borings B101 or B112 at concentrations above their respective laboratory detection limits.

One or more of the following PAHs [benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, 2-methylnaphthalene, and pyrene] were detected at concentrations ranging from 0.379 to 0.524 mg/kg in the surficial soil samples collected from borings B102 and B107. Only one PAH [benzo(a)pyrene] was detected in both surficial soil samples (0.379 and 0.402 mg/kg) at concentrations that exceeded its MEDEP RAG “Residential” exposure scenario of 0.26 mg/kg; however, these concentrations do not exceed the background concentration for benzo(a)pyrene (1.41 mg/kg) detected in surficial soils at properties along Front Street. Additionally, no PAHs were detected at concentrations that exceeded their respective MEDEP RAGs for “Outdoor Commercial Worker” exposure scenarios.

The presence of low-level PAHs detected in surficial soils at the Site are likely associated with the identified urban fill from former railroad and/or town solid waste dumping operations at the Site and/or associated with the Site’s current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

Metals

As shown in Table 3, arsenic was detected in the surficial soil samples collected from borings B102, B103, and B107 at concentrations ranging from 4.2 to 13 mg/kg. These arsenic concentrations exceeded its MEDEP RAG “Residential” exposure scenario of 1.4 mg/kg, but are consistent with Site-specific and area-wide background concentrations detected during this investigation at other properties along the Front Street. The detected arsenic concentrations also did not exceed its “Undeveloped Background” MEDEP RAG of 16 mg/kg. Therefore, the arsenic concentrations detected in surficial soils at the Site are likely representative of either naturally-occurring arsenic concentrations in Maine soils and/or urban fill resulting from coal and/or wood combustion byproducts, solid waste disposal, or residues from former railroad operations at the Site.

Arsenic was detected in the subsurface soil samples collected from borings B101 and B112 at concentrations of 3.7 and 11 mg/kg, respectively. These arsenic concentrations did not exceed their relative background concentrations or MEDEP RAG “Excavation/Construction Worker” exposure scenario of 42 mg/kg. Therefore, the arsenic concentrations detected in subsurface soils at the Site are likely representative of either naturally-occurring arsenic concentrations in Maine soils and/or urban fill resulting from coal and/or wood combustion byproducts, solid waste disposal, or residues from former railroad operations at the Site.

Cadmium was detected in the surficial and subsurface soil samples collected from borings B102, B107, and B112 at concentrations ranging from 0.52 to 0.82 mg/kg, which did not exceed its MEDEP RAGs for “Residential,” “Outdoor Commercial Worker”, or “Excavation/Construction Worker” exposure scenarios. The detected cadmium concentrations are also consistent with Site-specific and area-wide background concentrations detected during this investigation at other properties along the Front Street and its “Undeveloped Background” MEDEP RAG of 0.26 mg/kg. Therefore, the cadmium concentrations detected in surficial and subsurface soils at the Site are likely representative of naturally-occurring cadmium concentrations in Maine soils.

Chromium and lead were also detected in the surficial and subsurface soil samples collected from borings B101, B102, B103, B107, and B112 at concentrations ranging from 3 to 60 mg/kg, which did not exceed its MEDEP RAGs for “Residential,” “Outdoor Commercial Worker”, or “Excavation/Construction Worker” exposure scenarios. The detected chromium and lead concentrations are also consistent with Site-specific and area-wide background concentrations detected during this investigation at other properties along the Front Street and are likely representative of naturally-occurring chromium and lead concentrations in Maine soils.

Groundwater Sample Analytical Results

As shown in Table 4, VOCs, VPH fractions, EPH fractions, and dissolved metals (specifically arsenic, cadmium, chromium, and lead) were not detected in the groundwater samples collected from TW101, TW102, or TW103 at concentrations above their respective laboratory detection limits.

Soil Vapor Sample Chemical Analysis Results

Volatile Organic Compounds

As shown in Table 5, one or more of the following petroleum and/or solvent-related VOCs; acetone, benzene, 1,3-butadiene, 2-butanone [methyl ethyl ketone (MEK)], carbon disulfide, chloromethane, cyclohexane, dichlorodifluoromethane, ethanol, ethylbenzene, 4-ethyltoluene, n-hexane, isopropanol, propylene, styrene, toluene, trichlorofluoromethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and/or xylenes (total), were detected at concentrations ranging from 0.629 to 95.7 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in the soil vapor samples collected from temporary soil vapor points SV101 and SV102. The detected VOCs in these soil vapor samples did not exceed their calculated Soil Gas Targets for “Residential” or “Commercial” exposure scenarios.

Air-Phase Petroleum Hydrocarbons

As shown in Table 5, APH target compounds and fractions; including ethylbenzene, naphthalene, toluene, xylenes (total), C₅–C₈ aliphatics, C₉–C₁₂ aliphatics, and/or C₉–C₁₀ aromatics, were detected at concentrations ranging from 3.2 to 1,300 µg/m³ in the soil vapor samples collected from temporary soil vapor points SV101 and SV102. The detected APH target compounds and fractions in these soil vapor samples did not exceed their calculated Soil Gas Targets for “Residential” exposure scenarios, with the exception of C₉–C₁₀ aromatics (1,300 µg/m³) detected in the soil vapor sample collected from SV101 and naphthalene (9.2 µg/m³) detected in the soil vapor sample collected from SV102. No APH target compounds or fractions were detected at concentrations that exceeded their calculated Soil Gas Targets for “Commercial” exposure scenarios.

The presence of these petroleum and/or solvent-related VOCs and APH fractions detected in soil vapor at the Site are likely associated with the identified urban fill from former railroad and/or town solid waste dumping operations at the Site and/or associated with the Site’s current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

4.5 Hazardous Building Materials

Ransom conducted a HMI concurrent with our Phase II ESA investigation, which included interior and exterior inspections of the Site Buildings. The HMI identified asbestos-containing material (ACM) and lead-based painted surfaces in both Site Buildings along with potential PCB-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the Site 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. Results of the HMI are detailed in the full HMI report, provided as Appendix C.

5.0 QUALITY ANALYSIS/QUALITY CONTROL

The contracted laboratory, Alpha Analytical, Inc. (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, groundwater, pore water, and wipe 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:

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

One duplicate soil, groundwater, and soil vapor sample were collected for laboratory analysis. The duplicate soil sample (B10X) was collected from subsurface soil sample B101 (12 to 16 feet bgs) and was submitted for laboratory analysis of VOCs, VPH, EPH, PAHs, and metals (arsenic, cadmium, chromium, and lead). The duplicate groundwater sample (MWX) was collected from temporary monitoring well TW102 and was submitted for laboratory analysis of VOCs, VPH, EPH, PAHs, and dissolved metals (arsenic, cadmium, chromium, and lead). The duplicate soil vapor sample (SVDUP) was collected from temporary soil vapor sample point SV102 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 6.

Soil Sample (B101)

VOCs, Target PAHs, VPH and EPH fractions, and one metal (cadmium) were not detected in the B101-S5-121013 soil sample or its duplicate soil sample (B10X-S5-121013) above their respective laboratory reporting limits; therefore, no RPD was applicable for these COCs.

Arsenic, chromium, and lead (metals) were detected in the B101-S5-121013 soil sample and its duplicate soil sample (B10X-S5-121013) at concentrations greater than five times their PQL for the compounds. The RPDs for these metals were below their 35 percent guideline; therefore, the precision of these sample results are acceptable.

Groundwater Sample (TW102)

VOCs, Target PAHs, VPH and EPH fractions, and dissolved metals (arsenic, cadmium, chromium, and lead) were not detected in the TW102 groundwater sample or its duplicate groundwater sample (MWX) above their respective laboratory reporting limits; therefore, no RPD was applicable for these COCs.

Soil Vapor Sample (SV102)

Only one VOC (cyclohexane) was detected in the SV102-A1-121113 soil vapor sample and its duplicate soil vapor sample (SVDUP-A1-121113) with a calculated RPD above its 35 percent guideline. RPDs for all other VOCs and APH fractions detected in these soil vapor samples were below their 35 percent guideline; therefore, the precision of these sample results are acceptable.

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, groundwater, 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 or groundwater samples collected and analyzed for VPH compounds or APH compounds for the soil vapor samples.

Extractable Petroleum Hydrocarbons & Polycyclic Aromatic Hydrocarbons

There were no bias issues identified by the laboratory in the soil or groundwater samples collected and analyzed for EPH and PAH compounds.

Metals

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

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, unless noted in the non-conformance summary, 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 our Phase II ESA program, soils encountered during our investigation were relatively consistent throughout the Site. Surficial and subsurface soil samples contained fill, which consisted of brown to dark brown and black, fine to coarse sand with varying amounts of silt and gravel to depths ranging from 0 to 16 feet bgs. Apparent urban fill materials, including coal and bricks were also encountered in surficial and subsurface fill soils at the Site. Native glacial- and/or fluvial-deposited silt and fine sand were encountered beneath the fill soils at inconsistent depths ranging from 8 to 20 feet bgs. No evidence of “petroleum-saturated soils” were observed during the soil boring advancements at the Site.

Trace to low-level organic vapors were detected in soil samples collected at the Site at concentrations ranging from 1 to 7.5 ppmv. Soils exhibiting petroleum odors were only encountered in one boring (B101) at approximate depths ranging from 12 to 16 feet bgs; however, no evidence of petroleum-staining was observed in the soil samples collected from this boring. Boring B101 was advanced at the location of petroleum-impacted soils reportedly encountered during the City of Belfast’s municipal subsurface utility work at the Site in 2012.

Based on the laboratory analytical results of soil samples collected during this investigation, low-levels of petroleum and solvent VOCs, VPH and EPH fractions, and target PAHs were detected at concentrations below their respective MEDEP RAGs for “Residential”, “Outdoor Commercial Worker”, and “Excavation/Construction Worker” exposure scenarios, with the exception of one PAH [benzo(a)pyrene]. The detected concentration of benzo(a)pyrene in two soil samples exceeded its MEDEP RAG “Residential” exposure scenario; however, the concentrations of benzo(a)pyrene did not exceed its respective background concentration detected in surficial soils at properties along Front Street.

The presence of these low-level VOCs, VPH fractions, EPH fractions, and target PAHs detected in surficial and subsurface soils at the Site are likely associated with the identified urban fill from former railroad and/or town solid waste dumping operations at the Site and/or associated with the Site’s current use as a parking lot including *de minimis* petroleum- and solvent-related residues, incidental to the normal operation of motor vehicles.

Metals (specifically, arsenic, cadmium, chromium, and lead) were also detected in surficial and subsurface soil samples collected at the Site at concentrations below their respective MEDEP RAGs for “Residential” or “Outdoor Commercial Worker” exposure scenarios, with the exception of arsenic detected in several surficial soil samples. The arsenic concentrations detected in surficial soils exceed its corresponding MEDEP RAG “Residential” exposure scenario; however, the concentrations were consistent with Site-specific and area-wide background concentrations detected during this investigation at other properties along the Front Street and also did not exceed its “Undeveloped Background” MEDEP RAG. Based on this information, it is inferred that the concentrations of these metals (specifically, arsenic, cadmium, chromium, and lead) detected in surficial and subsurface soils at the Site are likely representative of either naturally-occurring metals concentrations in Maine soils or urban fill resulting from coal and/or wood combustion byproducts, solid waste disposal, or residues from former railroad operations at the Site.

Groundwater was encountered at approximate depths ranging from 7.5 to 8.5 feet bgs and groundwater was calculated to flow in a generally northerly direction across the Site toward Belfast Harbor. Probe refusal (presumed fill material) was encountered approximately 5.5 feet bgs during the advancement of soil borings B107 and B108; however, refusal conditions were not encountered in the other soil borings at the Site, which were each advanced to approximate depths ranging from 12 to 20 feet bgs. Borings B107 and B108 were advanced along the southern portion of the Site near Front Street. No evidence of “free petroleum product” contamination was observed in groundwater during the soil boring advancements or collection of groundwater samples at the Site. Furthermore, no contaminants of concern were detected in groundwater samples collected at the Site at concentrations above their respective laboratory detection limits.

Several petroleum- and solvent-related compounds were also detected in soil vapor samples collected at the Site. One air-phase petroleum hydrocarbon (APH) compound (naphthalene) and the VPH C₉-C₁₀ aromatic fraction were detected in the soil vapor samples at concentrations exceeding their corresponding calculated MEDEP Soil Gas Targets for “Residential” exposure scenarios; no target contaminants were detected in the soil vapor samples at concentrations exceeding their corresponding calculated Soil Gas Targets for “Commercial” exposure scenarios. Based on this information, vapor mitigation activities are not warranted for the existing Masker’s Theater and Storage Building or nearby utility corridors. The Masker’s Theater is positioned approximately 2 feet above the ground surface on pilings, which promotes sufficient ambient air flow beneath the building and likely mitigates the potential for vapor intrusion into the building. The Storage Building is not an occupied space and is only utilized for miscellaneous storage purposes. Vapor migration in utility corridors within the Site vicinity are also not likely an significant concern or risk, since the low levels of petroleum compounds will likely degrade before affecting on-site and/or off-site buildings. However, it’s likely that the volatile petroleum- and/or solvent-related compounds in soil vapor at the Site may present a potential vapor intrusion risk to future occupied buildings that may be constructed with a full or partial basement and/or slab on grade foundation system at the Site.

The HMI identified asbestos-containing material (ACM) and lead-based painted surfaces in both Site Buildings along with potential polychlorinated biphenyl (PCB)-containing fluorescent light ballasts and mercury-containing fluorescent light tubes inside the Site 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.

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 this Phase II ESA completed for the Site, including the HMI, 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 and a “Certificate of Completion” letter (i.e., no further action required), provided that proper and appropriate environmental cleanup or remedial actions are completed, as approved by the MEDEP.

As a condition of approval, the NAA letter should require a deed restriction and/or institutional controls in the form of a Declaration of Environmental Covenant (DEC). As part of the DEC, on-site groundwater extraction should be prohibited and a Soil Management Plan and Health and Safety Plan should also be developed in order to insure proper characterization, handling, and management of contaminated soils, which may be encountered and displaced during redevelopment of the Site property (e.g., displaced and/or excess soils generated during installation of new foundations/utilities may require on-site management and/or off-site disposal).

2. A vapor barrier and/or passive sub-slab depressurization system should also be incorporated into the design of any new proposed Site structures in order to mitigate potential impacts to indoor air quality from potential vapor intrusion of volatile compounds identified in soil vapor samples collected at 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.
3. Prior to renovation and/or demolition of the Site Buildings, identified hazardous building materials that will be disturbed by the construction 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. ME DEP; May 10, 2013; Maine RAGs for Sites Contaminated with Hazardous Substances.
2. Maine Center for Disease Control (MCDC); October 19, 2012; Maximum Exposure Guidelines (MEGs) for Drinking Water.
3. Ransom Consulting Inc.; November 13, 2013; Phase I Environmental Site Assessment, Masker's Theater & Thompson's Wharf, 45 Front Street (Tax Map 11, Lot 136), Belfast, Maine.
4. Ransom Consulting Inc.; December 19, 2012; Site-Specific Quality Assurance Project Plan Addendum No. 30, Phase II Environmental Site Assessment, Masker's Theater & Thompson's Wharf, 45 Front Street (Tax Map 11, Lot 136), Belfast, Maine.
5. Ransom Environmental Consultants Inc.; August 27, 2008; State of Maine Brownfields Assessment Projects Generic Quality Assurance Project Plan (QAPP) RFA #08243.

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 Generic 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 Site.

Environmental Professionals:



Aaron R. Martin, C.G.
Associate Project Manager/Primary Author

Peter J. Sherr, P.E.
Senior Project Manager/Belfast Brownfields Program Manager

TABLE 1: SOIL SAMPLE FIELD SCREENING RESULTS: METALS

Phase II Environmental Site Assessment
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Boring ID	Sample Depth (ft.)	Arsenic	Cadmium	Chromium	Lead
		mg/kg			
B101	0-2	13	ND	86	177
	2-4	12	ND	49	16
	4-8	8	ND	54	23
	8-12	12	ND	51	17
	12-16	4	ND	58	14
B102	0-2	13	ND	48	140
	2-4	3	ND	59	12.9
	4-8	ND	ND	54	17
	8-12	9	ND	73	15
	12-16	ND	ND	71	13
	16-20	NA	NA	NA	NA
B103	0-2	14	ND	80	323
	2-4	30	ND	52	94
	4-8	7	ND	47	11.8
	8-12	6	ND	60	17
	12-16	ND	ND	34	27
B104	0-2	10	ND	31	11
	2-4	9	ND	58	17
	4-8	18	ND	78	18
	8-12	15	ND	51	19
B105	0-2	5	ND	47	41
	2-4	22	ND	57	18
	4-8	16	ND	57	15.6
	8-12	11	ND	60	19
B106	0-2	11	ND	41	220
	2-4	19	ND	56	15.5
	4-8	4	ND	62	22
	8-12	3.4	ND	53	14.3
B107	0-2	16	ND	47	86
	2-4	15	ND	60	89
	4-5.5	10	ND	47	21

Boring ID	Sample Depth (ft.)	Arsenic	Cadmium	Chromium	Lead
		mg/kg			
B108	0-2	39	ND	51	68
	2-4	19	ND	50	17
	4-5.5	10	ND	58	21
B109	0-2	11	ND	86	106
	2-4	9	ND	67	98
	4-8	5	ND	52	17
B110	8-12	6	ND	45	9
	0-2	9	ND	77	47
	2-4	20	ND	82	20
B111	4-8	4	ND	52	16
	8-12	9	ND	63	11
	0-2	14	ND	59	53
	2-4	12	ND	48	23
B112	4-8	6	ND	42	15
	8-12	3	ND	45	14.5
	0-2	21	ND	52	89
	2-4	3	ND	52	26
B113	4-8	12	ND	51	157
	8-12	15	ND	45	12.6
	0-2	9	ND	47	14
	2-4	19	ND	63	16
B114	4-8	26	ND	61	21
	8-12	10	ND	65	21
	0-2	NA	NA	NA	NA
	2-4	5	ND	54	18
B114	4-8	4.8	ND	62	12.6
	8-12	6.2	ND	47	10.6

NOTES:
 mg/kg = milligrams per kilogram
 Soil samples screened for metals using a Innov-X XRF in accordance with MEDEP's "Protocol for Collecting Data Using a Field Portable X-Ray Fluorescence Spectrometer For Certain Metals In Solid Media," SOP: DR#015, Rev. 1, July 26, 2001.
 ND= Not detected above instrument detection limit
 NA= Not Analyzed

TABLE 2: Background Soil Sample Analytical Data
Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Brownfields Investigation	City-Owned Parking Lot 101 Front Street			Belfast Boatyard 41 Front Street			Masker's Theater & Thompson's Wharf 45 Front Street		MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (May 10, 2013)							
	Masker's Theater & Thompson's Wharf	City-Owned Wastewater Treatment Plant	Undeveloped Property Tax Map 11, Lot 104	Masker's Theater & Thompson's Wharf Property			City-Owned Wastewater Treatment Plant									
Sample Locations	BK-1	BK-2	BK-3	BK-1	BK-2	BK-3	BK1	BK2	Residential	Park User	Outdoor Commercial Worker	Excavation/ Construction Worker	Undeveloped Background	Rural Developed Background	Urban Developed Background	Urban Fill Background
Sample Identification	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2								
Sample Depth (ft bgs)	1/16/2013	1/16/2013	1/16/2013	8/3/2012	8/3/2012	8/3/2012	12/10/2013	12/10/2013								
Date Collected	Concentrations in Milligrams per Kilogram (mg/kg)															
Target Polycyclic Aromatic Hydrocarbons (PAHs)																
Acenaphthene	ND	NA	NA	ND	NA	NA	ND	ND	7,500	10,000	10,000	9,800	NE	0.10	0.20	3.50
Acenaphthylene	ND	NA	NA	ND	NA	NA	ND	ND	7,500	10,000	10,000	10,000	NE	0.32	0.39	1.40
Anthracene	ND	NA	NA	0.414	NA	NA	ND	ND	10,000	10,000	10,000	3,800	NE	0.29	0.4	6.7
Benzo(g,h,i) perylene	ND	NA	NA	1.01	NA	NA	ND	1.13	3,700	6,200	10,000	10,000	NE	0.57	0.79	16
Benzo[a]pyrene	ND	NA	NA	1.41	NA	NA	1.26	1.7	0.26	0.44	3.5	43	NE	1.5	1.7	5.2
Benzo[a]anthracene	ND	NA	NA	1.43	NA	NA	1.04	1.39	2.6	4.4	35	430	NE	0.86	1.6	27
Benzo[b]fluoranthene	ND	NA	NA	2.48	NA	NA	1.04	1.27	2.6	4.4	35	430	NE	1.3	2	6.8
Benzo[k]fluoranthene	ND	NA	NA	0.803	NA	NA	1.13	1.47	26	44	350	4300	NE	0.69	0.76	12
Chrysene	ND	NA	NA	1.91	NA	NA	1.33	1.7	260	440	3,500	10,000	NE	1	2.3	6.4
Dibenz[a,h]anthracene	ND	NA	NA	0.314	NA	NA	ND	ND	0.26	0.44	3.5	43	NE	0.32	0.23	4.5
Fluoranthene	ND	NA	NA	1.82	NA	NA	1.9	2.16	5,000	8,300	10,000	10,000	NE	2	3.2	10
Fluorene	ND	NA	NA	ND	NA	NA	ND	ND	5,000	8,300	10,000	10,000	NE	0.22	0.29	4.4
Indeno[1,2,3-cd]pyrene	ND	NA	NA	1.21	NA	NA	ND	1.15	2.6	4.4	35	430	NE	0.4	0.74	3.3
2-Methylnaphthalene	ND	NA	NA	ND	NA	NA	ND	ND	500	830	3,600	600	NE	0.16	0.089	0.41
Naphthalene	ND	NA	NA	ND	NA	NA	ND	ND	2,500	4,200	10,000	10,000	NE	0.11	0.22	0.82
Phenanthrene	ND	NA	NA	0.434	NA	NA	0.886	1.07	3,700	6,200	10,000	8,900	NE	0.83	1.6	6.1
Pyrene	ND	NA	NA	1.82	NA	NA	1.75	2.17	3,700	6,200	10,000	10,000	NE	2	2.8	9.5
Extractable Petroleum Hydrocarbon (EPH)	Concentrations in Milligrams per Kilogram (mg/kg)															
Fractions																
C9-C18 Aliphatics	ND	NA	NA	ND	NA	NA	ND	ND	2,700	4,400	10,000	10,000	NE	NE	NE	NE
C19-C36 Aliphatics	ND	NA	NA	39.8	NA	NA	30.1	13.2	10,000	10,000	10,000	10,000	NE	NE	NE	NE
C11-C22 Aromatics	18.3	NA	NA	43.4	NA	NA	59.7	62.8	750	1,200	5,500	10,000	NE	NE	NE	NE
Metals	Concentrations in Milligrams per Kilogram (mg/kg)															
Arsenic	7.9	9.6	9.3	6.2	9.6	12	11	13	1.4	2.3	4.2	42	16	NE	NE	NE
Cadmium	ND	ND	ND	ND	0.26 J	ND	0.8	0.8	11	18	94	19	0.26	NE	NE	NE
Chromium	NA	NA	NA	ND	ND	ND	36	31	510	850	5,100	2,800	NE	NE	NE	NE
Lead	11	40	54	13	142	49	51	82	340	530	1,100	950	32	NE	NE	NE

Notes:

MEDEP = Maine Department of Environmental Protection

mg/kg = milligrams per kilogram

ND = Not Detected above laboratory reporting limit

NA = Not Analyzed

NE = indicates that a standard or guideline is "not established" for the referenced parameter.

B = compound detected in laboratory blank

J = estimated concentration detected below laboratory quantitation limit

Values in **bold** text exceed applicable MEDEP RAGs for current or proposed reuse/exposure scenarios for Residential and/or Outdoor Commercial Worker

TABLE 3: Soil Sample Laboratory Analytical Results
Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Sample Location	B101	B102	B103	B107	B112	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (May 10, 2013)							
Sample Identification	B101-S5-121013	B102-S1-121013	B103-S1-121013	B107-S1-121013	B112-S4-121013								
Sample Depth (ft bgs)	12-16	0-2	0-2	0-2	8-12								
Exposure Scenario Based on Soil Sample Depth (ft bgs)	Excavation/Construction Worker	Residential & Outdoor Commercial Worker	Residential & Outdoor Commercial Worker	Residential & Outdoor Commercial Worker	Excavation/Construction Worker	Residential	Park User	Outdoor Commercial Worker	Excavation/Construction Worker	Undeveloped Background	Rural Developed Background	Urban Developed Background	Urban Fill Background
Date Collected	12/10/2013	12/10/2013	12/10/2013	12/10/2013	12/10/2013								
Volatile Organic Compounds (VOCs)	miligrams per kilogram (mg/kg)												
p-Isopropyltoluene	ND	0.075	ND	ND	ND	NE	NE	NE	NE	NE	NE	NE	NE
Naphthalene	ND	0.73	ND	ND	ND	2,500	4,200	10,000	10,000	NE	0.11	0.22	0.82
Toluene	ND	0.22	ND	ND	ND	10,000	10,000	10,000	10,000	NE	NE	NE	NE
Xylenes (total)	ND	0.5	ND	ND	ND	10,000	10,000	10,000	10,000	NE	NE	NE	NE
All other VOCs	ND	ND	ND	ND	ND	Various	Various	Various	Various	NE	NE	NE	NE
Target Polycyclic Aromatic Hydrocarbons (PAHs)	miligrams per kilogram (mg/kg)												
Benzo[a]pyrene	ND	0.379	ND	0.402	ND	0.26	0.44	3.5	43	NE	1.5	1.7	5.2
Benzo[b]fluoranthene	ND	ND	ND	0.454	ND	2.6	4.4	35	430	NE	1.3	2	6.8
Chrysene	ND	0.446	ND	0.399	ND	260	440	3,500	10,000	NE	1	2.3	6.4
Fluoranthene	ND	0.524	ND	0.418	ND	5,000	8,300	10,000	10,000	NE	2	3.2	10
2-Methylnaphthalene	ND	ND	ND	0.415	ND	500	830	3,600	600	NE	0.16	0.089	0.41
Pyrene	ND	0.451	ND	0.401	ND	3,700	6,200	10,000	10,000	NE	2	2.8	9.5
All other PAHs	ND	ND	ND	ND	ND	Various	Various	Various	Various	NE	Various	Various	Various
Extractable Petroleum Hydrocarbon (EPH) Fractions	miligrams per kilogram (mg/kg)												
C9-C18 Aliphatics	ND	ND	38.4	8.13	ND	2,700	4,400	10,000	10,000	NE	NE	NE	NE
C19-C36 Aliphatics	ND	ND	52.1	49.2	ND	10,000	10,000	10,000	10,000	NE	NE	NE	NE
C11-C22 Aromatics	ND	18.2	70.6	38.1	ND	750	1,200	5,500	10,000	NE	NE	NE	NE
Volatile Petroleum Hydrocarbon (VPH) Fractions	miligrams per kilogram (mg/kg)												
C5-C8 Aliphatics	ND	6.76	ND	ND	ND	1,400	2,300	10,000	10,000	NE	NE	NE	NE
C9-C12 Aliphatics	ND	ND	7.55	ND	ND	2,700	4,400	10,000	10,000	NE	NE	NE	NE
C9-C10 Aromatics	ND	ND	7.88	ND	ND	750	1,200	5,500	10,000	NE	NE	NE	NE
Metals	miligrams per kilogram (mg/kg)												
Arsenic	3.7	13	4.2	11	11	1.4	2.3	4.2	42	16	NE	NE	NE
Cadmium	ND	0.82	ND	0.72	0.52	11	18	94	19	0.26	NE	NE	NE
Chromium	19	27	19	31	22	510	850	5,100	2,800	NE	NE	NE	NE
Lead	3	38	7.8	60	4.6	340	530	1,100	950	32	NE	NE	NE

Notes:

MEDEP = Maine Department of Environmental Protection

mg/kg = milligrams per kilogram

ND = Not Detected above laboratory reporting limit

NA = Not Analyzed

NE = indicates that a standard or guideline is "not established" for the referenced parameter.

B = compound detected in laboratory blank

J = estimated concentration detected below laboratory quantitation limit

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

⁽¹⁾ Standard is for total of all isomers (i.e., total xylenes).

TABLE 4: Groundwater Sample Analytical Results
Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Sample Identification	TW101	TW102	TW103	MECDC Maximum Exposure Guidelines (MEGs)	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (May 10, 2013)	
Media	Groundwater	Groundwater	Groundwater		Groundwater Residential	Groundwater Construction
Date Collected	12/10/2013	12/10/2013	12/10/2013			
Volatile Organic Compounds (VOCs)	Concentrations in micrograms per liter (ug/L)					
All VOCs	ND	ND	ND	Various	Various	Various
Target Polycyclic Aromatic Hydrocarbons (PAHs)	Concentrations in ug/L					
All PAHs	ND	ND	ND	Various	Various	Various
Extractable Petroleum Hydrocarbon (EPH) Fractions	Concentrations in ug/L					
C9-C18 Aliphatics	ND	ND	ND	700	700	1,900
C19-C36 Aliphatics	ND	ND	ND	10,000	10,000	59,000,000
C11-C22 Aromatics	ND	ND	ND	200	200	1,600
Volatile Petroleum Hydrocarbon (VPH) Fractions	Concentrations in ug/L					
C5-C8 Aliphatics	ND	ND	ND	300	300	490
C9-C12 Aliphatics	ND	ND	ND	700	700	1,800
C9-C10 Aromatics	ND	ND	ND	200	200	1,400
Metals	Concentrations in ug/L					
Arsenic	ND	ND	ND	10	10	1,400
Cadmium	ND	ND	ND	1	1	650
Chromium	ND	ND	ND	20	20	78,000
Lead	ND	ND	ND	10	10	1,600,000

Notes:

MECDC = Maine Center for Disease Control and Prevention

ug/L = micrograms per liter

ND = Not Detected above the laboratory detection limit

Values in **bold** text exceed drinking water and/or cleanup guidelines

**TABLE 5: Soil Vapor Analytical Results
Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine**

Sample Identification	SV101-A1-121113	SV102-A1-121113	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (May 10, 2013) (1)	
			Soil Gas Targets Residential	Soil Gas Targets Commercial
Sample Depth	2.5-3.0 feet bgs	2.5-3.0 feet bgs		
Sample Date	12/11/2013	12/11/2013		
Volatile Organic Compounds	Concentrations in Micrograms per cubic meter (ug/m3)			
Acetone	78.2	19.5	320,000	1,400,000
Benzene	ND	0.795	31	160
1,3-Butadiene	4.67	1.13	8.1	41
2-Butanone (MEK)	ND	2.6	52,000	220,000
Carbon Disulfide	ND	0.629	7,300	31,000
Chloromethane	ND	1.23	940	3,900
Cyclohexane	ND	0.84	NE	NE
Dichlorodifluoromethane	ND	2.69	2,100	8,800
Ethanol	ND	95.7	NE	NE
Ethylbenzene	28.4	3.41	97	490
4-Ethyltoluene	ND	5.16	NE	NE
n-Hexane	ND	1.18	NE	NE
Isopropanol	ND	18.3	NE	NE
Propylene	38.9	14.4	NE	NE
Styrene	ND	1.75	3,100	13,000
Toluene	14.8	3.19	52,000	220,000
Trichlorofluoromethane	ND	1.47	7,300	31,000
1,2,4-Trimethylbenzene	ND	32.9	NE	NE
1,3,5-Trimethylbenzene	ND	8.9	NE	NE
o-Xylene	ND	7.69	1,000	4,400
m,p-Xylene	ND	16.9	1,000	4,400
All other VOCs	ND	ND	Various	Various
Air-Phase Petroleum Hydrocarbons	Concentrations in ug/m3			
1,3-Butadiene	ND	ND	8.1	41
Benzene	ND	ND	31	160
Ethylbenzene	28	3.4	97	490
Methyl tert-butyl ether (MTBE)	ND	ND	940	4,700
Naphthalene	ND	9.2	7.2	360
Toluene	ND	3.2	52,000	220,000
o-Xylene	33	7.8	1,000	4,400
m,p-Xylene	ND	17	1,000	4,400
C5-C8 Aliphatics	140	80	6,300	26,000
C9-C12 Aliphatics	ND	1,200	2,100	8,800
C9-C10 Aromatics	1,300	180	520	2,200

Notes:

MEDEP = Maine Department of Environmental Protection

NE indicates that a standard or guideline is "not established" for the referenced parameter.

BRL = below reporting limit indicated in parentheses

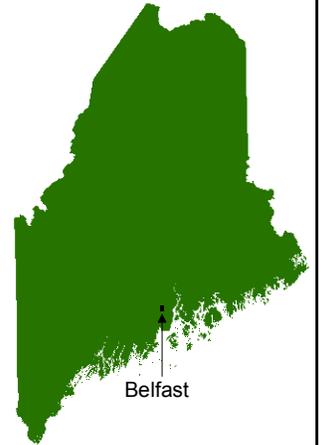
⁽¹⁾ Soil Gas Targets = 10 times the Indoor Air Target, as discussed in the May 10, 2013 MEDEP Remedial Action Guidelines

TABLE 6: SUMMARY OF DUPLICATE SAMPLE ANALYTICAL RESULTS

**Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine**

Sample Location	B101-S5-121013	B10X-S5-121013	Relative Percent Difference	TW102	MWX	Relative Percent Difference	SV102	SVDUP	Relative Percent Difference
Sample Depth (ft bgs)	12-16	12-16		10-20	10-20		2.5-3	2.5-3	
Sample Date	12/10/2013	12/10/2013		12/10/2013	12/10/2013		12/11/2013	12/11/2013	
Volatile Organic Compounds (VOCs)	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
Acetone	ND	ND		ND	ND		19.5	22.4	-14
Benzene	ND	ND		ND	ND		0.795	0.792	0
1,3-Butadiene	ND	ND		ND	ND		1.13	1.12	1
2-Butanone	ND	ND		ND	ND		2.6	2.45	6
Carbon Disulfide	ND	ND		ND	ND		0.629	0.763	-19
Chloromethane	ND	ND		ND	ND		1.23	1.15	7
Cyclohexane	ND	ND		ND	ND		0.84	2.11	-86
Dichlorodifluoromethane	ND	ND		ND	ND		2.69	2.7	0
Ethanol	ND	ND		ND	ND		95.7	97.4	-2
Ethylbenzene	ND	ND		ND	ND		3.41	3.28	4
4-Ethyltoluene	ND	ND		ND	ND		5.16	6.59	-24
n-Hexane	ND	ND		ND	ND		1.18	1.56	-28
Isopropanol	ND	ND		ND	ND		18.3	18.4	-1
Propylene	ND	ND		ND	ND		14.4	14	3
Styrene	ND	ND		ND	ND		1.75	1.75	0
Toluene	ND	ND		ND	ND		3.19	3.31	-4
Trichlorofluoromethane	ND	ND		ND	ND		1.47	1.37	7
1,2,4-Trimethylbenzene	ND	ND		ND	ND		32.9	41.8	-24
1,3,5-Trimethylbenzene	ND	ND		ND	ND		8.9	11	-21
o-Xylene	ND	ND		ND	ND		7.69	7.64	1
m,p-Xylene	ND	ND		ND	ND		16.9	15.9	6
All other VOCs	ND	ND		ND	ND		ND	ND	
Target Petroleum VOCs	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
Ethylbenzene	ND	ND		ND	ND		3.4	3.2	6
Naphthalene	ND	ND		ND	ND		9.2	7.8	16
Toluene	ND	ND		ND	ND		3.2	3.5	-9
o-Xylene	ND	ND		ND	ND		7.8	7.8	0
m,p-Xylene	ND	ND		ND	ND		17	16	6
All other Target Petroleum VOCs	ND	ND		ND	ND		ND	ND	
Target PAH Compounds	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
All Target PAH Compounds	ND	ND		ND	ND		NA	NA	
Volatile Petroleum Hydrocarbon (VPH) Fractions	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
C ₅ through C ₉ Aliphatics	ND	ND		ND	ND		80	76	5
C ₉ through C ₁₂ Aliphatics	ND	ND		ND	ND		1,200	1,200	0
C ₉ through C ₁₀ Aromatics	ND	ND		ND	ND		180	210	-15
Extractable Petroleum Hydrocarbon (EPH) Fractions	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
C ₉ through C ₁₈ Aliphatics	ND	ND		ND	ND		NA	NA	
C ₁₉ through C ₃₆ Aliphatics	ND	ND		ND	ND		NA	NA	
C ₁₁ through C ₂₂ Aromatics	ND	ND		ND	ND		NA	NA	
Metals	Concentrations in mg/kg		%	Concentrations in µg/l		%	Concentrations in µg/m3		%
Arsenic	3.7	4.5	-20	ND	ND		NA	NA	
Cadmium	ND	ND		ND	ND		NA	NA	
Chromium	19	21	-10	ND	ND		NA	NA	
Lead	3	3.7	-21	ND	ND		NA	NA	

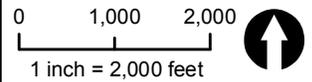
Regional Locator Map



Notes

1. Data Source: USGS National Map Seamless Server, 24K DRG, 1/3" NED
2. USGS Quad Name: Belfast, Searsport
3. Latitude: 44° 25'43.32" N
 Longitude: 69° 0' 23.76" W
 UTM Northing: 4919489.4mN
 UTM Easting: 500525.3 mE

Scale and Orientation



Prepared For

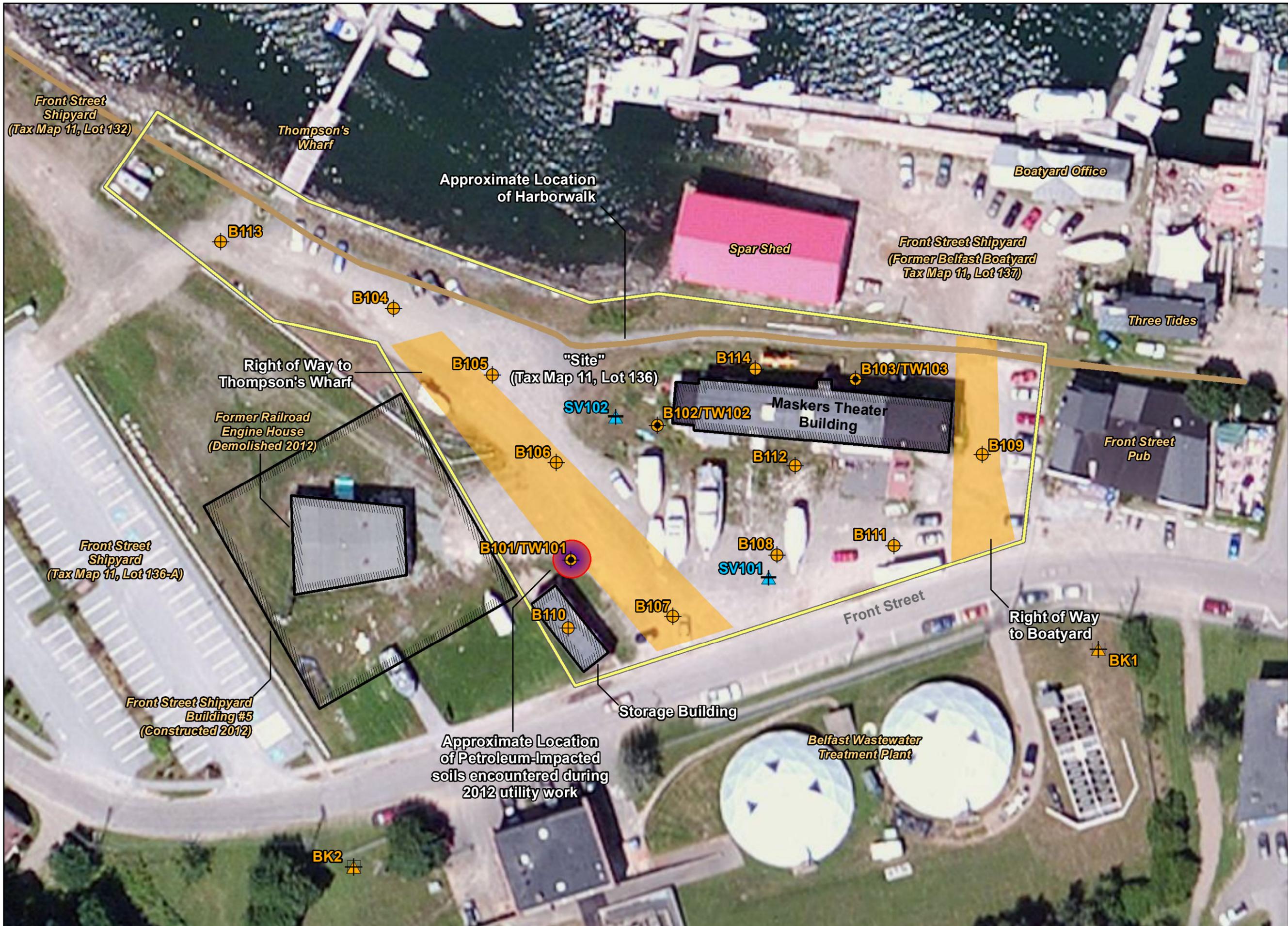
City of Belfast
 131 Church Street
 Belfast, ME

Site Address

Tax Map 11, Lot 136
 45 Front Street
 Belfast, ME

111.06134 | Jan 2014

Figure 1
 Site Location



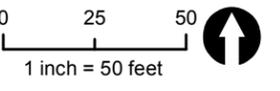
Legend

-  Site
-  Reported Petroleum Impacted Soils
-  Right of Way
-  Background Soil Sample
-  Soil Boring
-  Soil Boring/Temp Well
-  Soil Vapor

Notes

1. Site Plan based on Bing Orthophotography
2. Some features are approximate in location and scale
3. Property boundary taken from Tax Map provided by City of Belfast. Property boundaries are approximate. A boundary survey was not included in the scope of work for this assessment.
4. This plan has been prepared for the City of Belfast. All other uses are not authorized unless written permission is obtained from Ransom Environmental Consultants, Inc.

Scale and Orientation



Prepared For

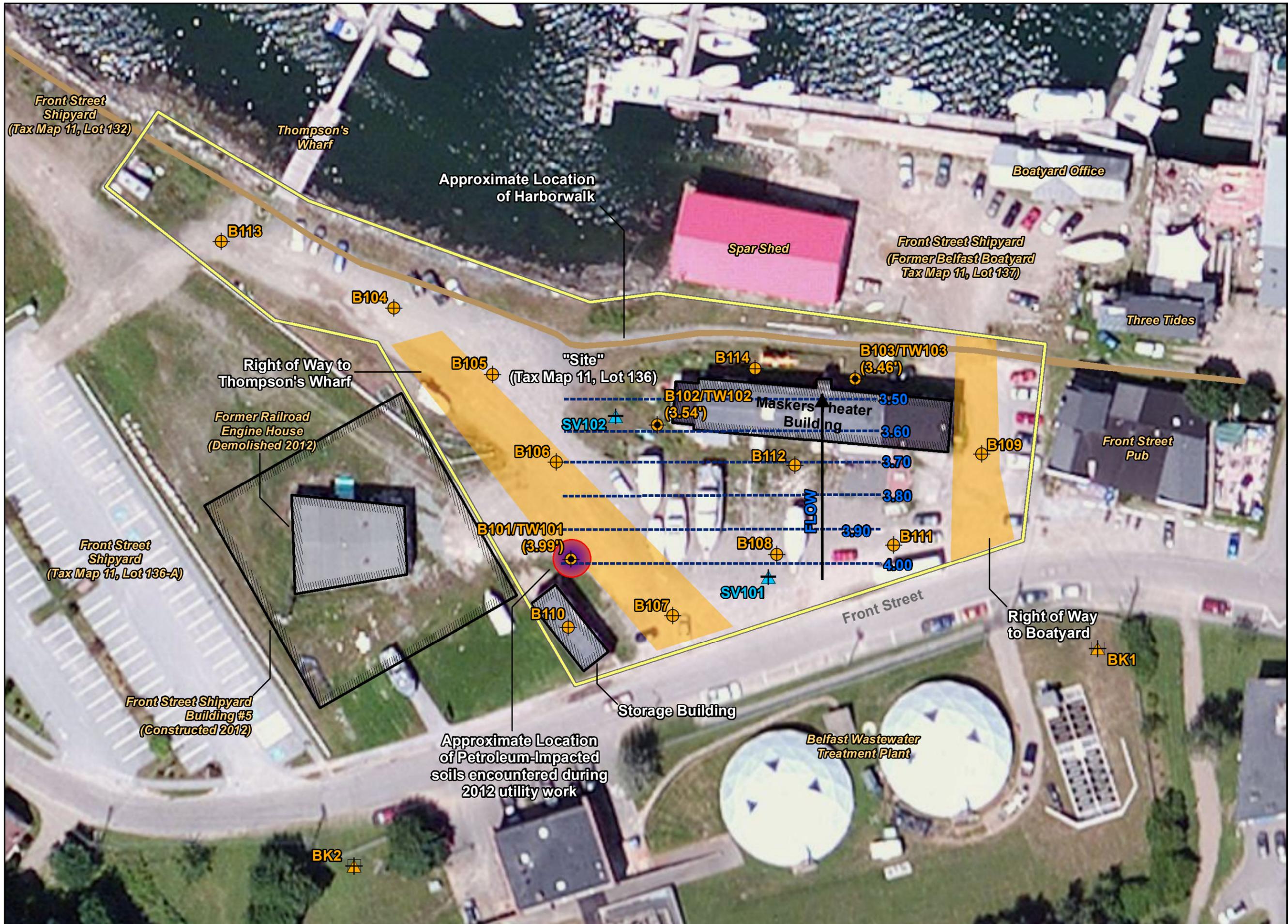
City of Belfast
131 Church Street
Belfast, Maine

Site Address

Tax Map 11, Lot 136
45 Front Street
Belfast, Maine

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Figure 2
Site Plan



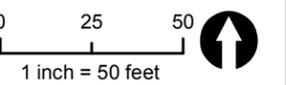
Legend

-  Site
-  Reported Petroleum Impacted Soils
-  Right of Way
-  Background Soil Sample
-  Soil Boring
-  Soil Boring/Temp Well
-  Soil Vapor
-  Groundwater Contours

Notes

1. Site Plan based on Bing Orthophotography
2. Some features are approximate in location and scale
3. Property boundary taken from Tax Map provided by City of Belfast. Property boundaries are approximate. A boundary survey was not included in the scope of work for this assessment.
4. This plan has been prepared for the City of Belfast. All other uses are not authorized unless written permission is obtained from Ransom Environmental Consultants, Inc.

Scale and Orientation



Prepared For

City of Belfast
131 Church Street
Belfast, Maine

Site Address

Tax Map 11, Lot 136
45 Front Street
Belfast, Maine

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Figure 3
Groundwater Elevation Contour Plan

APPENDIX A

Boring Logs

Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street (Tax Map 11, Lot 136)
Belfast, Maine

BORING AND MONITORING WELL LOG: B101/TW101

Reviewed by: <i>Eirik Pheg</i>	Total Depth: 16 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.56 Feet	Well Stickup: 1.05 Feet	Driller: EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OMV (ppmv)	DEPTH	WELL CONSTRUCTION
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	1.6	1	
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/20	1.5	2	
3							3	
4	S3 (4-8') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/30	3.6	4	
5							5	
6			S4	NA	48/31	1.8	6	
7							7	
8	S4 (8-12') Gray, fine to coarse SAND and fine to coarse GRAVEL, some Silt, wet (fill).		S4	NA	48/31	1.8	8	
9							9	
10			S5	NA	48/25	2.1	10	
11							11	
12	S5 (12-16') Gray, fine to coarse SAND and fine to coarse GRAVEL, some Silt, wet, petroleum odor (fill).		S5	NA	48/25	2.1	12	
13							13	
14							14	
15							15	
16	Bottom of boring 16'.						16	
17							17	
18							18	
19							19	

LEGEND:

Filter Sand	Native Fill	Bentonite	Bentonite Grout	Concrete	PVC Screen	Solid PVC Riser

NOTES:

- Boring advanced using Geoprobe direct-push techniques.
- Sample designated with solid fill submitted for laboratory analysis.
- NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

BORING AND MONITORING WELL LOG: B102/TW102

Reviewed by: <i>Erik Phelps</i>	Total Depth: 20 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.87 Feet	Well Stickup: 2.21 Feet	Driller: EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEPTH	WELL CONSTRUCTION
1	S1 (0-2') Brown to black, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	5.1	1	
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/4	<1	2	
3							3	
4	S3 (4-8') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/18	1.8	4	
5							5	
6							6	
7							7	
8	S4 (8-12') Grayish-brown, fine to medium SAND and fine to coarse GRAVEL, some Silt, wet (fill).		S4	NA	48/12	3.9	8	
9							9	
10							10	
11							11	
12	S5 (12-16') Grayish-brown, fine to medium SAND and fine to coarse GRAVEL, some Silt, wet (fill).		S5	NA	48/8	2.5	12	
13							13	
14							14	
15							15	
16	S6 (16-20') Gray SILT and fine SAND, wet (glacial/fluvial).		S6	NA	48/2	3.3	16	
17							17	
18							18	
19							19	

Bottom of Boring 20'.

LEGEND:

Filter Sand	Native Fill	Bentonite	Bentonite Grout	Concrete	PVC Screen	Solid PVC Riser

NOTES:

- Boring advanced using Geoprobe direct-push techniques.
- Sample designated with solid fill submitted for laboratory analysis.
- NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:

City of Belfast

SITE:

Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.: 111.06134

Page: 1

BORING AND MONITORING WELL LOG: B103/TW103

Reviewed by: <i>Eirik Røys</i>	Total Depth: 16 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 7.63 Feet	Well Stickup: 0.92 Feet	Driller: EPI

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEPTH	WELL CONSTRUCTION
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	1.7	1	
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/6	7	2	
3							3	
4	S3 (4-8') Gray, fine to coarse SAND and fine to coarse GRAVEL, moist (fill).		S3	NA	48/18	3	4	
5							5	
6			S4	NA	48/13	3	6	
7							7	
8	S4 (8-12') Brownish-gray, fine to coarse SAND, some fine to coarse Gravel and Silt, wet (fill).		S4	NA	48/13	3	8	
9							9	
10			S5	NA	48/30	1.6	10	
11							11	
12	S5 (12-16') Grayish-brown to black, fine to coarse SAND and SILT, some fine to coarse Gravel, wet (fill).		S5	NA	48/30	1.6	12	
13							13	
14							14	
15							15	
16	Bottom of Boring 16'.						16	
17							17	
18							18	
19							19	

LEGEND:

Filter Sand	Native Fill	Bentonite	Bentonite Grout	Concrete	PVC Screen	Solid PVC Riser

- NOTES:**
- Boring advanced using Geoprobe direct-push techniques.
 - Sample designated with solid fill submitted for laboratory analysis.
 - NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME



BORING LOG:

B104

Reviewed By: <i>Erik Phares</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: <i>12/20/13</i>	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown, fine to coarse SAND, some fine to coarse Gravel and Silt, moist (fill).	X	S1	NA	24/24	3.7		1
2	S2 (2-4') Brown, fine to coarse SAND, some fine to coarse Gravel and Silt, moist (fill).		S2	NA	24/8	3.8		2
3								3
4	S3 (4-8') Brown, fine to medium SAND and SILT, trace fine to coarse gravel, moist (fill).		S3	NA	48/20	5		4
5								5
6								6
7								7
8	S4 (8-12') Gray, fine SAND and SILT with rock fragments, wet (glacial/fluvial).	S4	NA	48/10	4.5			8
9								9
10								10
11								11
12	Bottom of Boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
 City of Belfast

SITE:
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, ME



BORING LOG:

B105

Reviewed By: <i>Eric Pharis</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 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	OMV (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).	X	S1	NA	24/24	5.5		1
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/20	4.7		2
3								3
4	S3 (4-8') Brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/8	1.2		4
5								5
6								6
7								7
8	S4 (8-12') Brown, fine to medium SAND, some Silt and fine to coarse Gravel, wet (fill).	S4	NA	48/20	1.7			8
9								9
10								10
11								11
12	Bottom of Boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
 City of Belfast

SITE:
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, ME

Project No.: 111.06134

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BORING LOG:

B106

Reviewed By: *E. J. Phelan*

Total Depth: 12 Feet

Logged By: ARM

Date Reviewed: 12/20/13

Boring Diameter: 2 Inches

Date Drilled: 12/11/13 to 12/11/13

GW Observed at: 8.5 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	OMV (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown to black, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	4.9		1
2	S2 (2-4') Brown to black, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S2	NA	24/16	6.5		2
3								3
4	S3 (4-8') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, contains brick, moist (fill).		S3	NA	48/28	4.2		4
5								5
6			S4	NA	48/27	7.5		6
7								7
8	S4 (8-12') Brown, fine to coarse SAND and fine to coarse GRAVEL, wet (fill).							8
9								9
10								10
11								11
12	Bottom of Boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:

- Boring advanced using Geoprobe direct-push techniques.
- NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:

City of Belfast

SITE:

Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.: 111.06134

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BORING LOG:

B107

Reviewed By: <i>Erik Pleus</i>	Total Depth: 5.5 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	1.3		1
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/6	1.7		2
3								3
4	S3 (4-5.5') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	18/10	1.2		4
5								5
6	Refusal at 5.5'.							6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:

1. Boring advanced using Geoprobe direct-push techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.: 111.06134

Page: 1

BORING LOG:

B108

Reviewed By: <i>Emil Phoury</i>	Total Depth: 5.5 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, moist (fill).	SAMPLE	S1	NA	24/24	1.1		1
2	S2 (2-4') Brown, fine to medium SAND and SILT, moist (fill).		S2	NA	24/4	1.3		2
3	S3 (4-5.5') Brown, fine to medium SAND and SILT, moist (fill).		S3	NA	18/11	1.1		3
4	Refusal at 5.5'							4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.:111.06134 Page: 1

BORING LOG:

B109

Reviewed By: <i>Erick Phera</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: <i>12/20/13</i>	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	2.7		1
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/12	1.9		2
3								3
4	S3 (4-8') Brown to grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/25	1.6		4
5								5
6								6
7								7
8	S4 (8-12') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, wet (fill).	S4	NA	48/24	3.5			8
9								9
10								10
11								11
12	Bottom of boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
1. Boring advanced using Geoprobe direct-push techniques.
2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.:111.06134 Page: 1



BORING LOG:

B110

Reviewed By: <i>Eric Pharis</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/11/13 to 12/11/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown, fine to coarse SAND, some fine to coarse Gravel and Silt, moist (fill).		S1	NA	24/24	3.9		1
2	S2 (2-4') Brown, fine to coarse SAND, some fine to coarse Gravel and Silt, moist (fill).		S2	NA	24/4	4		2
3								3
4	S3 (4-8') Brown, fine to coarse SAND, some fine to coarse Gravel and Silt, contains brick, moist (fill).		S3	NA	48/26	3.2		4
5								5
6								6
7								7
8	S4 (8-12') Brown to gray, fine to coarse SAND, some Silt and fine to coarse Gravel, wet (fill).		S4	NA	48/26	5.5		8
9								9
10								10
11								11
12	Bottom of boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
 City of Belfast

SITE:
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, ME



BORING LOG:

B111

Reviewed By: <i>Eric Plow</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH	
1	S1 (0-2') Brown to dark brown, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).	X	S1	NA	24/24	2.1		1	
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/6	5.1		2	
3									3
4	S3 (4-8') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/20	5			4
5								5	
6								6	
7								7	
8	S4 (8-12') Brown, fine to medium SAND, some fine to coarse Gravel, trace silt, seam of roots at 9 to 10' bgs, wet (fill).	S4	NA	48/32	4.8			8	
9								9	
10								10	
11								11	
12	Bottom of boring 12'.							12	
13								13	
14								14	
15								15	
16								16	
17								17	
18								18	
19								19	

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
 City of Belfast

SITE:
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, ME

Project No.: 111.06134

Page: 1



BORING LOG:

B112

Reviewed By: <i>Erik Phery</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown to black, fine to medium SAND, some Silt and fine to coarse Gravel, contains coal, moist (fill).		S1	NA	24/24	4.6		1
2	S2 (2-4') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S2	NA	24/10	2.7		2
3								3
4	S3 (4-8') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, moist (fill).		S3	NA	48/24	1.2		4
5								5
6								6
7								7
8	S4 (8-12') Grayish-brown, fine to medium SAND, some Silt and fine to coarse Gravel, wet (fill).		S4	NA	48/26	3		8
9								9
10								10
11								11
12	Bottom of boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:

- Boring advanced using Geoprobe direct-push techniques.
- Sample designated with solid fill submitted for laboratory analysis.
- NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:

City of Belfast

SITE:

Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

Project No.: 111.06134

Page: 1



BORING LOG:

B113

Reviewed By: <i>Emit Phelps</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 inches	Date Drilled: 12/11/13 to 12/11/13
GW Observed at: 8.5 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 (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown, fine to medium SAND, some fine to coarse Gravel and Silt, moist (fill).		S1	NA	24/24	5.3		1
2	S2 (2-4') Brown, fine to medium SAND and SILT, moist (fill).		S2	NA	24/17	1.9		2
3								
4	S3 (4-8') Brown, fine to medium SAND and SILT, moist (fill).		S3	NA	48/32	4.7		4
5								5
6			S4	NA	48/30	2.5		6
7								7
8	S4 (8-12') Brown to gray, fine SAND and SILT with seams of black organic silt at 11' bgs, wet (glacial/fluvial).							8
9								9
10								10
11								11
12	Bottom of boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
 City of Belfast

SITE:
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, ME

Project No.: 111.06134 Page: 1

BORING LOG:

B114

Reviewed By: <i>E. J. Phelan</i>	Total Depth: 12 Feet	Logged By: ARM
Date Reviewed: 12/20/13	Boring Diameter: 2 Inches	Date Drilled: 12/10/13 to 12/10/13
GW Observed at: 8.5 Feet	Well Stickup: NA	Driller: EPI

DEPTH	DESCRIPTION (Based on a modified Burnister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
1	S1 (0-2') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, moist (fill).	X	S1	NA	24/24	5.5		1
2	S2 (2-4') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, moist (fill).		S2	NA	24/10	2.2		2
3			S3	NA	48/30	2.2		3
4	S3 (4-8') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, moist (fill).		S4	NA	48/20	1.6		4
5								5
6								6
7								7
8	S4 (8-12') Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, wet (fill).							8
9								9
10								10
11								11
12	Bottom of boring 12'.							12
13								13
14								14
15								15
16								16
17								17
18								18
19								19

NOTES:
 1. Boring advanced using Geoprobe direct-push techniques.
 2. NA = Not applicable; NM = not measured; NO = not observed.

CLIENT:
City of Belfast

SITE:
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, ME

APPENDIX B

Certified Laboratory Analytical Reports

Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street (Tax Map 11, Lot 136)
Belfast, Maine



ANALYTICAL REPORT

Lab Number:	L1325318
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Aaron Martin
Phone:	(207) 772-2891
Project Name:	MASKER'S THEATER & THOMPSON'S
Project Number:	111.06134.034
Report Date:	12/17/13

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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), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1325318-01	B101-S5-121013	45 FRONT ST, BELFAST, ME	12/10/13 13:00
L1325318-02	B102-S1-121013	45 FRONT ST, BELFAST, ME	12/10/13 10:10
L1325318-03	B103-S1-121013	45 FRONT ST, BELFAST, ME	12/10/13 11:30
L1325318-04	B107-S1-121013	45 FRONT ST, BELFAST, ME	12/10/13 14:00
L1325318-05	B112-S4-121013	45 FRONT ST, BELFAST, ME	12/10/13 10:30
L1325318-06	B10X-S5-121013	45 FRONT ST, BELFAST, ME	12/10/13 13:30
L1325318-07	BK1	45 FRONT ST, BELFAST, ME	12/10/13 10:00
L1325318-08	BK2	45 FRONT ST, BELFAST, ME	12/10/13 10:30
L1325318-09	TRIP BLANK	45 FRONT ST, BELFAST, ME	12/10/13 00:00

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Case Narrative (continued)

Volatile Organics

L1325318-03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

EPH

L1325318-07 has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the 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:  Cynthia McQueen

Title: Technical Director/Representative

Date: 12/17/13

ORGANICS

VOLATILES

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-01
Client ID: B101-S5-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/14/13 20:04
Analyst: PP
Percent Solids: 89%

Date Collected: 12/10/13 13:00
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	--	1
1,1-Dichloroethane	ND		ug/kg	1.0	--	1
Chloroform	ND		ug/kg	1.0	--	1
Carbon tetrachloride	ND		ug/kg	0.68	--	1
1,2-Dichloropropane	ND		ug/kg	2.4	--	1
Dibromochloromethane	ND		ug/kg	0.68	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	--	1
Tetrachloroethene	ND		ug/kg	0.68	--	1
Chlorobenzene	ND		ug/kg	0.68	--	1
Trichlorofluoromethane	ND		ug/kg	3.4	--	1
1,2-Dichloroethane	ND		ug/kg	0.68	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	--	1
Bromodichloromethane	ND		ug/kg	0.68	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.68	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	--	1
1,1-Dichloropropene	ND		ug/kg	3.4	--	1
Bromoform	ND		ug/kg	2.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	--	1
Benzene	ND		ug/kg	0.68	--	1
Toluene	ND		ug/kg	1.0	--	1
Ethylbenzene	ND		ug/kg	0.68	--	1
Chloromethane	ND		ug/kg	3.4	--	1
Bromomethane	ND		ug/kg	1.4	--	1
Vinyl chloride	ND		ug/kg	1.4	--	1
Chloroethane	ND		ug/kg	1.4	--	1
1,1-Dichloroethene	ND		ug/kg	0.68	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
Trichloroethene	ND		ug/kg	0.68	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-01
 Client ID: B101-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 13:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.4	--	1
p/m-Xylene	ND		ug/kg	1.4	--	1
o-Xylene	ND		ug/kg	1.4	--	1
Xylenes, Total	ND		ug/kg	1.4	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.68	--	1
Dibromomethane	ND		ug/kg	6.8	--	1
1,4-Dichlorobutane	ND		ug/kg	6.8	--	1
1,2,3-Trichloropropane	ND		ug/kg	6.8	--	1
Styrene	ND		ug/kg	1.4	--	1
Dichlorodifluoromethane	ND		ug/kg	6.8	--	1
Acetone	ND		ug/kg	24	--	1
Carbon disulfide	ND		ug/kg	6.8	--	1
2-Butanone	ND		ug/kg	6.8	--	1
Vinyl acetate	ND		ug/kg	6.8	--	1
4-Methyl-2-pentanone	ND		ug/kg	6.8	--	1
2-Hexanone	ND		ug/kg	6.8	--	1
Ethyl methacrylate	ND		ug/kg	6.8	--	1
Acrylonitrile	ND		ug/kg	2.7	--	1
Bromochloromethane	ND		ug/kg	3.4	--	1
Tetrahydrofuran	ND		ug/kg	14	--	1
2,2-Dichloropropane	ND		ug/kg	3.4	--	1
1,2-Dibromoethane	ND		ug/kg	2.7	--	1
1,3-Dichloropropane	ND		ug/kg	3.4	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	--	1
Bromobenzene	ND		ug/kg	3.4	--	1
n-Butylbenzene	ND		ug/kg	0.68	--	1
sec-Butylbenzene	ND		ug/kg	0.68	--	1
tert-Butylbenzene	ND		ug/kg	3.4	--	1
o-Chlorotoluene	ND		ug/kg	3.4	--	1
p-Chlorotoluene	ND		ug/kg	3.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	--	1
Hexachlorobutadiene	ND		ug/kg	3.4	--	1
Isopropylbenzene	ND		ug/kg	0.68	--	1
p-Isopropyltoluene	ND		ug/kg	0.68	--	1
Naphthalene	ND		ug/kg	3.4	--	1
n-Propylbenzene	ND		ug/kg	0.68	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-01
 Client ID: B101-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 13:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.4	--	1
Ethyl ether	ND		ug/kg	3.4	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-02
Client ID: B102-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/14/13 21:00
Analyst: PP
Percent Solids: 87%

Date Collected: 12/10/13 10:10
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	670	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	67	--	1
1,2-Dichloropropane	ND		ug/kg	240	--	1
Dibromochloromethane	ND		ug/kg	67	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	67	--	1
Chlorobenzene	ND		ug/kg	67	--	1
Trichlorofluoromethane	ND		ug/kg	340	--	1
1,2-Dichloroethane	ND		ug/kg	67	--	1
1,1,1-Trichloroethane	ND		ug/kg	67	--	1
Bromodichloromethane	ND		ug/kg	67	--	1
trans-1,3-Dichloropropene	ND		ug/kg	67	--	1
cis-1,3-Dichloropropene	ND		ug/kg	67	--	1
1,1-Dichloropropene	ND		ug/kg	340	--	1
Bromoform	ND		ug/kg	270	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	67	--	1
Benzene	ND		ug/kg	67	--	1
Toluene	220		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	67	--	1
Chloromethane	ND		ug/kg	340	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	67	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	67	--	1
1,2-Dichlorobenzene	ND		ug/kg	340	--	1
1,3-Dichlorobenzene	ND		ug/kg	340	--	1
1,4-Dichlorobenzene	ND		ug/kg	340	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-02
 Client ID: B102-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 10:10
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	130	--	1
p/m-Xylene	290		ug/kg	130	--	1
o-Xylene	210		ug/kg	130	--	1
Xylenes, Total	500		ug/kg	130	--	1
cis-1,2-Dichloroethene	ND		ug/kg	67	--	1
Dibromomethane	ND		ug/kg	670	--	1
1,4-Dichlorobutane	ND		ug/kg	670	--	1
1,2,3-Trichloropropane	ND		ug/kg	670	--	1
Styrene	ND		ug/kg	130	--	1
Dichlorodifluoromethane	ND		ug/kg	670	--	1
Acetone	ND		ug/kg	2400	--	1
Carbon disulfide	ND		ug/kg	670	--	1
2-Butanone	ND		ug/kg	670	--	1
Vinyl acetate	ND		ug/kg	670	--	1
4-Methyl-2-pentanone	ND		ug/kg	670	--	1
2-Hexanone	ND		ug/kg	670	--	1
Ethyl methacrylate	ND		ug/kg	670	--	1
Acrylonitrile	ND		ug/kg	270	--	1
Bromochloromethane	ND		ug/kg	340	--	1
Tetrahydrofuran	ND		ug/kg	1300	--	1
2,2-Dichloropropane	ND		ug/kg	340	--	1
1,2-Dibromoethane	ND		ug/kg	270	--	1
1,3-Dichloropropane	ND		ug/kg	340	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	67	--	1
Bromobenzene	ND		ug/kg	340	--	1
n-Butylbenzene	ND		ug/kg	67	--	1
sec-Butylbenzene	ND		ug/kg	67	--	1
tert-Butylbenzene	ND		ug/kg	340	--	1
o-Chlorotoluene	ND		ug/kg	340	--	1
p-Chlorotoluene	ND		ug/kg	340	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	--	1
Hexachlorobutadiene	ND		ug/kg	340	--	1
Isopropylbenzene	ND		ug/kg	67	--	1
p-Isopropyltoluene	75		ug/kg	67	--	1
Naphthalene	730		ug/kg	340	--	1
n-Propylbenzene	ND		ug/kg	67	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	340	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-02
 Client ID: B102-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 10:10
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	340	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	--	1
Ethyl ether	ND		ug/kg	340	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	106		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-03
Client ID: B103-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/14/13 21:28
Analyst: PP
Percent Solids: 90%

Date Collected: 12/10/13 11:30
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	630	--	1
1,1-Dichloroethane	ND		ug/kg	94	--	1
Chloroform	ND		ug/kg	94	--	1
Carbon tetrachloride	ND		ug/kg	63	--	1
1,2-Dichloropropane	ND		ug/kg	220	--	1
Dibromochloromethane	ND		ug/kg	63	--	1
1,1,2-Trichloroethane	ND		ug/kg	94	--	1
Tetrachloroethene	ND		ug/kg	63	--	1
Chlorobenzene	ND		ug/kg	63	--	1
Trichlorofluoromethane	ND		ug/kg	310	--	1
1,2-Dichloroethane	ND		ug/kg	63	--	1
1,1,1-Trichloroethane	ND		ug/kg	63	--	1
Bromodichloromethane	ND		ug/kg	63	--	1
trans-1,3-Dichloropropene	ND		ug/kg	63	--	1
cis-1,3-Dichloropropene	ND		ug/kg	63	--	1
1,1-Dichloropropene	ND		ug/kg	310	--	1
Bromoform	ND		ug/kg	250	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	63	--	1
Benzene	ND		ug/kg	63	--	1
Toluene	ND		ug/kg	94	--	1
Ethylbenzene	ND		ug/kg	63	--	1
Chloromethane	ND		ug/kg	310	--	1
Bromomethane	ND		ug/kg	120	--	1
Vinyl chloride	ND		ug/kg	120	--	1
Chloroethane	ND		ug/kg	120	--	1
1,1-Dichloroethene	ND		ug/kg	63	--	1
trans-1,2-Dichloroethene	ND		ug/kg	94	--	1
Trichloroethene	ND		ug/kg	63	--	1
1,2-Dichlorobenzene	ND		ug/kg	310	--	1
1,3-Dichlorobenzene	ND		ug/kg	310	--	1
1,4-Dichlorobenzene	ND		ug/kg	310	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-03
 Client ID: B103-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 11:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	120	--	1
p/m-Xylene	ND		ug/kg	120	--	1
o-Xylene	ND		ug/kg	120	--	1
Xylenes, Total	ND		ug/kg	120	--	1
cis-1,2-Dichloroethene	ND		ug/kg	63	--	1
Dibromomethane	ND		ug/kg	630	--	1
1,4-Dichlorobutane	ND		ug/kg	630	--	1
1,2,3-Trichloropropane	ND		ug/kg	630	--	1
Styrene	ND		ug/kg	120	--	1
Dichlorodifluoromethane	ND		ug/kg	630	--	1
Acetone	ND		ug/kg	2200	--	1
Carbon disulfide	ND		ug/kg	630	--	1
2-Butanone	ND		ug/kg	630	--	1
Vinyl acetate	ND		ug/kg	630	--	1
4-Methyl-2-pentanone	ND		ug/kg	630	--	1
2-Hexanone	ND		ug/kg	630	--	1
Ethyl methacrylate	ND		ug/kg	630	--	1
Acrylonitrile	ND		ug/kg	250	--	1
Bromochloromethane	ND		ug/kg	310	--	1
Tetrahydrofuran	ND		ug/kg	1200	--	1
2,2-Dichloropropane	ND		ug/kg	310	--	1
1,2-Dibromoethane	ND		ug/kg	250	--	1
1,3-Dichloropropane	ND		ug/kg	310	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	63	--	1
Bromobenzene	ND		ug/kg	310	--	1
n-Butylbenzene	ND		ug/kg	63	--	1
sec-Butylbenzene	ND		ug/kg	63	--	1
tert-Butylbenzene	ND		ug/kg	310	--	1
o-Chlorotoluene	ND		ug/kg	310	--	1
p-Chlorotoluene	ND		ug/kg	310	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	310	--	1
Hexachlorobutadiene	ND		ug/kg	310	--	1
Isopropylbenzene	ND		ug/kg	63	--	1
p-Isopropyltoluene	ND		ug/kg	63	--	1
Naphthalene	ND		ug/kg	310	--	1
n-Propylbenzene	ND		ug/kg	63	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	310	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	310	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	310	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-03
 Client ID: B103-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 11:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	310	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	310	--	1
Ethyl ether	ND		ug/kg	310	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-04
Client ID: B107-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/16/13 13:04
Analyst: PP
Percent Solids: 92%

Date Collected: 12/10/13 14:00
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	--	1
1,1-Dichloroethane	ND		ug/kg	1.1	--	1
Chloroform	ND		ug/kg	1.1	--	1
Carbon tetrachloride	ND		ug/kg	0.74	--	1
1,2-Dichloropropane	ND		ug/kg	2.6	--	1
Dibromochloromethane	ND		ug/kg	0.74	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	--	1
Tetrachloroethene	ND		ug/kg	0.74	--	1
Chlorobenzene	ND		ug/kg	0.74	--	1
Trichlorofluoromethane	ND		ug/kg	3.7	--	1
1,2-Dichloroethane	ND		ug/kg	0.74	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	--	1
Bromodichloromethane	ND		ug/kg	0.74	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	--	1
1,1-Dichloropropene	ND		ug/kg	3.7	--	1
Bromoform	ND		ug/kg	3.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	--	1
Benzene	ND		ug/kg	0.74	--	1
Toluene	ND		ug/kg	1.1	--	1
Ethylbenzene	ND		ug/kg	0.74	--	1
Chloromethane	ND		ug/kg	3.7	--	1
Bromomethane	ND		ug/kg	1.5	--	1
Vinyl chloride	ND		ug/kg	1.5	--	1
Chloroethane	ND		ug/kg	1.5	--	1
1,1-Dichloroethene	ND		ug/kg	0.74	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	--	1
Trichloroethene	ND		ug/kg	0.74	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-04
 Client ID: B107-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 14:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	--	1
p/m-Xylene	ND		ug/kg	1.5	--	1
o-Xylene	ND		ug/kg	1.5	--	1
Xylenes, Total	ND		ug/kg	1.5	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	--	1
Dibromomethane	ND		ug/kg	7.4	--	1
1,4-Dichlorobutane	ND		ug/kg	7.4	--	1
1,2,3-Trichloropropane	ND		ug/kg	7.4	--	1
Styrene	ND		ug/kg	1.5	--	1
Dichlorodifluoromethane	ND		ug/kg	7.4	--	1
Acetone	ND		ug/kg	26	--	1
Carbon disulfide	ND		ug/kg	7.4	--	1
2-Butanone	ND		ug/kg	7.4	--	1
Vinyl acetate	ND		ug/kg	7.4	--	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	--	1
2-Hexanone	ND		ug/kg	7.4	--	1
Ethyl methacrylate	ND		ug/kg	7.4	--	1
Acrylonitrile	ND		ug/kg	3.0	--	1
Bromochloromethane	ND		ug/kg	3.7	--	1
Tetrahydrofuran	ND		ug/kg	15	--	1
2,2-Dichloropropane	ND		ug/kg	3.7	--	1
1,2-Dibromoethane	ND		ug/kg	3.0	--	1
1,3-Dichloropropane	ND		ug/kg	3.7	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	--	1
Bromobenzene	ND		ug/kg	3.7	--	1
n-Butylbenzene	ND		ug/kg	0.74	--	1
sec-Butylbenzene	ND		ug/kg	0.74	--	1
tert-Butylbenzene	ND		ug/kg	3.7	--	1
o-Chlorotoluene	ND		ug/kg	3.7	--	1
p-Chlorotoluene	ND		ug/kg	3.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	--	1
Hexachlorobutadiene	ND		ug/kg	3.7	--	1
Isopropylbenzene	ND		ug/kg	0.74	--	1
p-Isopropyltoluene	ND		ug/kg	0.74	--	1
Naphthalene	ND		ug/kg	3.7	--	1
n-Propylbenzene	ND		ug/kg	0.74	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-04
 Client ID: B107-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 14:00
 Date Received: 12/12/13
 Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-05
Client ID: B112-S4-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/14/13 20:32
Analyst: PP
Percent Solids: 90%

Date Collected: 12/10/13 10:30
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	--	1
1,1-Dichloroethane	ND		ug/kg	0.89	--	1
Chloroform	ND		ug/kg	0.89	--	1
Carbon tetrachloride	ND		ug/kg	0.59	--	1
1,2-Dichloropropane	ND		ug/kg	2.1	--	1
Dibromochloromethane	ND		ug/kg	0.59	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	--	1
Tetrachloroethene	ND		ug/kg	0.59	--	1
Chlorobenzene	ND		ug/kg	0.59	--	1
Trichlorofluoromethane	ND		ug/kg	3.0	--	1
1,2-Dichloroethane	ND		ug/kg	0.59	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	--	1
Bromodichloromethane	ND		ug/kg	0.59	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.59	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	--	1
1,1-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	2.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	--	1
Benzene	ND		ug/kg	0.59	--	1
Toluene	ND		ug/kg	0.89	--	1
Ethylbenzene	ND		ug/kg	0.59	--	1
Chloromethane	ND		ug/kg	3.0	--	1
Bromomethane	ND		ug/kg	1.2	--	1
Vinyl chloride	ND		ug/kg	1.2	--	1
Chloroethane	ND		ug/kg	1.2	--	1
1,1-Dichloroethene	ND		ug/kg	0.59	--	1
trans-1,2-Dichloroethene	ND		ug/kg	0.89	--	1
Trichloroethene	ND		ug/kg	0.59	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-05
 Client ID: B112-S4-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.2	--	1
p/m-Xylene	ND		ug/kg	1.2	--	1
o-Xylene	ND		ug/kg	1.2	--	1
Xylenes, Total	ND		ug/kg	1.2	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.59	--	1
Dibromomethane	ND		ug/kg	5.9	--	1
1,4-Dichlorobutane	ND		ug/kg	5.9	--	1
1,2,3-Trichloropropane	ND		ug/kg	5.9	--	1
Styrene	ND		ug/kg	1.2	--	1
Dichlorodifluoromethane	ND		ug/kg	5.9	--	1
Acetone	ND		ug/kg	21	--	1
Carbon disulfide	ND		ug/kg	5.9	--	1
2-Butanone	ND		ug/kg	5.9	--	1
Vinyl acetate	ND		ug/kg	5.9	--	1
4-Methyl-2-pentanone	ND		ug/kg	5.9	--	1
2-Hexanone	ND		ug/kg	5.9	--	1
Ethyl methacrylate	ND		ug/kg	5.9	--	1
Acrylonitrile	ND		ug/kg	2.4	--	1
Bromochloromethane	ND		ug/kg	3.0	--	1
Tetrahydrofuran	ND		ug/kg	12	--	1
2,2-Dichloropropane	ND		ug/kg	3.0	--	1
1,2-Dibromoethane	ND		ug/kg	2.4	--	1
1,3-Dichloropropane	ND		ug/kg	3.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	--	1
Bromobenzene	ND		ug/kg	3.0	--	1
n-Butylbenzene	ND		ug/kg	0.59	--	1
sec-Butylbenzene	ND		ug/kg	0.59	--	1
tert-Butylbenzene	ND		ug/kg	3.0	--	1
o-Chlorotoluene	ND		ug/kg	3.0	--	1
p-Chlorotoluene	ND		ug/kg	3.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--	1
Hexachlorobutadiene	ND		ug/kg	3.0	--	1
Isopropylbenzene	ND		ug/kg	0.59	--	1
p-Isopropyltoluene	ND		ug/kg	0.59	--	1
Naphthalene	ND		ug/kg	3.0	--	1
n-Propylbenzene	ND		ug/kg	0.59	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-05
 Client ID: B112-S4-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.0	--	1
Ethyl ether	ND		ug/kg	3.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-06
Client ID: B10X-S5-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/14/13 22:25
Analyst: PP
Percent Solids: 84%

Date Collected: 12/10/13 13:30
Date Received: 12/12/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	--	1
1,1-Dichloroethane	ND		ug/kg	0.93	--	1
Chloroform	ND		ug/kg	0.93	--	1
Carbon tetrachloride	ND		ug/kg	0.62	--	1
1,2-Dichloropropane	ND		ug/kg	2.2	--	1
Dibromochloromethane	ND		ug/kg	0.62	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	--	1
Tetrachloroethene	ND		ug/kg	0.62	--	1
Chlorobenzene	ND		ug/kg	0.62	--	1
Trichlorofluoromethane	ND		ug/kg	3.1	--	1
1,2-Dichloroethane	ND		ug/kg	0.62	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	--	1
Bromodichloromethane	ND		ug/kg	0.62	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.62	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	--	1
1,1-Dichloropropene	ND		ug/kg	3.1	--	1
Bromoform	ND		ug/kg	2.5	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	--	1
Benzene	ND		ug/kg	0.62	--	1
Toluene	ND		ug/kg	0.93	--	1
Ethylbenzene	ND		ug/kg	0.62	--	1
Chloromethane	ND		ug/kg	3.1	--	1
Bromomethane	ND		ug/kg	1.2	--	1
Vinyl chloride	ND		ug/kg	1.2	--	1
Chloroethane	ND		ug/kg	1.2	--	1
1,1-Dichloroethene	ND		ug/kg	0.62	--	1
trans-1,2-Dichloroethene	ND		ug/kg	0.93	--	1
Trichloroethene	ND		ug/kg	0.62	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-06
 Client ID: B10X-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 13:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.2	--	1
p/m-Xylene	ND		ug/kg	1.2	--	1
o-Xylene	ND		ug/kg	1.2	--	1
Xylenes, Total	ND		ug/kg	1.2	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.62	--	1
Dibromomethane	ND		ug/kg	6.2	--	1
1,4-Dichlorobutane	ND		ug/kg	6.2	--	1
1,2,3-Trichloropropane	ND		ug/kg	6.2	--	1
Styrene	ND		ug/kg	1.2	--	1
Dichlorodifluoromethane	ND		ug/kg	6.2	--	1
Acetone	ND		ug/kg	22	--	1
Carbon disulfide	ND		ug/kg	6.2	--	1
2-Butanone	ND		ug/kg	6.2	--	1
Vinyl acetate	ND		ug/kg	6.2	--	1
4-Methyl-2-pentanone	ND		ug/kg	6.2	--	1
2-Hexanone	ND		ug/kg	6.2	--	1
Ethyl methacrylate	ND		ug/kg	6.2	--	1
Acrylonitrile	ND		ug/kg	2.5	--	1
Bromochloromethane	ND		ug/kg	3.1	--	1
Tetrahydrofuran	ND		ug/kg	12	--	1
2,2-Dichloropropane	ND		ug/kg	3.1	--	1
1,2-Dibromoethane	ND		ug/kg	2.5	--	1
1,3-Dichloropropane	ND		ug/kg	3.1	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	--	1
Bromobenzene	ND		ug/kg	3.1	--	1
n-Butylbenzene	ND		ug/kg	0.62	--	1
sec-Butylbenzene	ND		ug/kg	0.62	--	1
tert-Butylbenzene	ND		ug/kg	3.1	--	1
o-Chlorotoluene	ND		ug/kg	3.1	--	1
p-Chlorotoluene	ND		ug/kg	3.1	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	--	1
Hexachlorobutadiene	ND		ug/kg	3.1	--	1
Isopropylbenzene	ND		ug/kg	0.62	--	1
p-Isopropyltoluene	ND		ug/kg	0.62	--	1
Naphthalene	ND		ug/kg	3.1	--	1
n-Propylbenzene	ND		ug/kg	0.62	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-06
 Client ID: B10X-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 13:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.1	--	1
Ethyl ether	ND		ug/kg	3.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/14/13 13:01
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,05-06 Batch: WG659254-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	1.5	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	3.5	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.5	--
2-Chloroethylvinyl ether	ND		ug/kg	20	--
Tetrachloroethene	ND		ug/kg	1.0	--
Chlorobenzene	ND		ug/kg	1.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	1.0	--
Bromodichloromethane	ND		ug/kg	1.0	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	1.0	--
1,1-Dichloropropene	ND		ug/kg	5.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	--
Benzene	ND		ug/kg	1.0	--
Toluene	ND		ug/kg	1.5	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	1.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,05-06 Batch: WG659254-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	2.0	--
Xylenes, Total	ND		ug/kg	2.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	10	--
1,4-Dichlorobutane	ND		ug/kg	10	--
1,2,3-Trichloropropane	ND		ug/kg	10	--
Styrene	ND		ug/kg	2.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
Vinyl acetate	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Ethyl methacrylate	ND		ug/kg	10	--
Acrolein	ND		ug/kg	25	--
Acrylonitrile	ND		ug/kg	4.0	--
Bromochloromethane	ND		ug/kg	5.0	--
Tetrahydrofuran	ND		ug/kg	20	--
2,2-Dichloropropane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,3-Dichloropropane	ND		ug/kg	5.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	--
Bromobenzene	ND		ug/kg	5.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	5.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,05-06 Batch: WG659254-3					
o-Chlorotoluene	ND		ug/kg	5.0	--
p-Chlorotoluene	ND		ug/kg	5.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Hexachlorobutadiene	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	5.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	--
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	--
Ethyl ether	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Ethyl Acetate	ND		ug/kg	20	--
Isopropyl Ether	ND		ug/kg	4.0	--
Cyclohexane	ND		ug/kg	20	--
Tert-Butyl Alcohol	ND		ug/kg	100	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl Methacrylate	ND		ug/kg	5.0	--
Methyl cyclohexane	ND		ug/kg	4.0	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	--

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,05-06 Batch: WG659254-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG659255-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	75	--
Chloroform	ND		ug/kg	75	--
Carbon tetrachloride	ND		ug/kg	50	--
1,2-Dichloropropane	ND		ug/kg	180	--
Dibromochloromethane	ND		ug/kg	50	--
1,1,2-Trichloroethane	ND		ug/kg	75	--
2-Chloroethylvinyl ether	ND		ug/kg	1000	--
Tetrachloroethene	ND		ug/kg	50	--
Chlorobenzene	ND		ug/kg	50	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	50	--
1,1,1-Trichloroethane	ND		ug/kg	50	--
Bromodichloromethane	ND		ug/kg	50	--
trans-1,3-Dichloropropene	ND		ug/kg	50	--
cis-1,3-Dichloropropene	ND		ug/kg	50	--
1,1-Dichloropropene	ND		ug/kg	250	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	--
Benzene	ND		ug/kg	50	--
Toluene	ND		ug/kg	75	--
Ethylbenzene	ND		ug/kg	50	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	50	--
trans-1,2-Dichloroethene	ND		ug/kg	75	--
Trichloroethene	ND		ug/kg	50	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/14/13 13:01
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG659255-3					
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	100	--
o-Xylene	ND		ug/kg	100	--
Xylenes, Total	ND		ug/kg	100	--
cis-1,2-Dichloroethene	ND		ug/kg	50	--
Dibromomethane	ND		ug/kg	500	--
1,4-Dichlorobutane	ND		ug/kg	500	--
1,2,3-Trichloropropane	ND		ug/kg	500	--
Styrene	ND		ug/kg	100	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
Vinyl acetate	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Ethyl methacrylate	ND		ug/kg	500	--
Acrolein	ND		ug/kg	1200	--
Acrylonitrile	ND		ug/kg	200	--
Bromochloromethane	ND		ug/kg	250	--
Tetrahydrofuran	ND		ug/kg	1000	--
2,2-Dichloropropane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,3-Dichloropropane	ND		ug/kg	250	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	--
Bromobenzene	ND		ug/kg	250	--
n-Butylbenzene	ND		ug/kg	50	--
sec-Butylbenzene	ND		ug/kg	50	--
tert-Butylbenzene	ND		ug/kg	250	--
1,3,5-Trichlorobenzene	ND		ug/kg	200	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG659255-3					
o-Chlorotoluene	ND		ug/kg	250	--
p-Chlorotoluene	ND		ug/kg	250	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Hexachlorobutadiene	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	50	--
p-Isopropyltoluene	ND		ug/kg	50	--
Naphthalene	ND		ug/kg	250	--
n-Propylbenzene	ND		ug/kg	50	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
1,3,5-Trimethylbenzene	ND		ug/kg	250	--
1,2,4-Trimethylbenzene	ND		ug/kg	250	--
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	--
Ethyl ether	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Ethyl Acetate	ND		ug/kg	1000	--
Isopropyl Ether	ND		ug/kg	200	--
Cyclohexane	ND		ug/kg	1000	--
Tert-Butyl Alcohol	ND		ug/kg	5000	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl Methacrylate	ND		ug/kg	250	--
Methyl cyclohexane	ND		ug/kg	200	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	--

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/14/13 13:01
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02-03 Batch: WG659255-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/16/13 10:43
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 04 Batch: WG659339-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	1.5	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	3.5	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.5	--
2-Chloroethylvinyl ether	ND		ug/kg	20	--
Tetrachloroethene	ND		ug/kg	1.0	--
Chlorobenzene	ND		ug/kg	1.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	1.0	--
Bromodichloromethane	ND		ug/kg	1.0	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	1.0	--
1,1-Dichloropropene	ND		ug/kg	5.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	--
Benzene	ND		ug/kg	1.0	--
Toluene	ND		ug/kg	1.5	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	1.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/13 10:43
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 04 Batch: WG659339-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	2.0	--
Xylenes, Total	ND		ug/kg	2.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	10	--
1,4-Dichlorobutane	ND		ug/kg	10	--
1,2,3-Trichloropropane	ND		ug/kg	10	--
Styrene	ND		ug/kg	2.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
Vinyl acetate	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Ethyl methacrylate	ND		ug/kg	10	--
Acrolein	ND		ug/kg	25	--
Acrylonitrile	ND		ug/kg	4.0	--
Bromochloromethane	ND		ug/kg	5.0	--
Tetrahydrofuran	ND		ug/kg	20	--
2,2-Dichloropropane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,3-Dichloropropane	ND		ug/kg	5.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	--
Bromobenzene	ND		ug/kg	5.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	5.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	4.0	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/13 10:43
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 04 Batch: WG659339-3					
o-Chlorotoluene	ND		ug/kg	5.0	--
p-Chlorotoluene	ND		ug/kg	5.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Hexachlorobutadiene	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	5.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	--
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	--
Ethyl ether	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Ethyl Acetate	ND		ug/kg	20	--
Isopropyl Ether	ND		ug/kg	4.0	--
Cyclohexane	ND		ug/kg	20	--
Tert-Butyl Alcohol	ND		ug/kg	100	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl Methacrylate	ND		ug/kg	5.0	--
Methyl cyclohexane	ND		ug/kg	4.0	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	--

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/16/13 10:43
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 04 Batch: WG659339-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,05-06 Batch: WG659254-1 WG659254-2								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	96		93		70-130	3		30
Carbon tetrachloride	93		90		70-130	3		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	95		94		70-130	1		30
1,1,2-Trichloroethane	95		92		70-130	3		30
2-Chloroethylvinyl ether	96		94		70-130	2		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	94		91		70-139	3		30
1,2-Dichloroethane	95		94		70-130	1		30
1,1,1-Trichloroethane	92		90		70-130	2		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	92		90		70-130	2		30
1,1-Dichloropropene	90		87		70-130	3		30
Bromoform	94		92		70-130	2		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	84		82		70-130	2		30
Toluene	85		84		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,05-06 Batch: WG659254-1 WG659254-2								
Ethylbenzene	86		84		70-130	2		30
Chloromethane	82		79		52-130	4		30
Bromomethane	109		106		57-147	3		30
Vinyl chloride	85		83		67-130	2		30
Chloroethane	75		73		50-151	3		30
1,1-Dichloroethene	84		82		65-135	2		30
trans-1,2-Dichloroethene	89		87		70-130	2		30
Trichloroethene	90		86		70-130	5		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	94		91		70-130	3		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	85		82		70-130	4		30
o-Xylene	88		87		70-130	1		30
cis-1,2-Dichloroethene	91		88		70-130	3		30
Dibromomethane	94		93		70-130	1		30
1,4-Dichlorobutane	90		90		70-130	0		30
1,2,3-Trichloropropane	86		85		68-130	1		30
Styrene	92		90		70-130	2		30
Dichlorodifluoromethane	89		85		30-146	5		30
Acetone	114		105		54-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,05-06 Batch: WG659254-1 WG659254-2								
Carbon disulfide	72		70		59-130	3		30
2-Butanone	102		96		70-130	6		30
Vinyl acetate	84		82		70-130	2		30
4-Methyl-2-pentanone	93		90		70-130	3		30
2-Hexanone	86		83		70-130	4		30
Ethyl methacrylate	89		87		70-130	2		30
Acrolein	97		100			3		30
Acrylonitrile	98		99		70-130	1		30
Bromochloromethane	98		97		70-130	1		30
Tetrahydrofuran	81		81		66-130	0		30
2,2-Dichloropropane	99		96		70-130	3		30
1,2-Dibromoethane	96		94		70-130	2		30
1,3-Dichloropropane	88		87		69-130	1		30
1,1,1,2-Tetrachloroethane	95		93		70-130	2		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	88		87		70-130	1		30
sec-Butylbenzene	87		86		70-130	1		30
tert-Butylbenzene	93		91		70-130	2		30
1,3,5-Trichlorobenzene	98		96		70-139	2		30
o-Chlorotoluene	93		91		70-130	2		30
p-Chlorotoluene	92		88		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,05-06 Batch: WG659254-1 WG659254-2								
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	90		89		67-130	1		30
Isopropylbenzene	88		86		70-130	2		30
p-Isopropyltoluene	94		93		70-130	1		30
Naphthalene	96		95		70-130	1		30
n-Propylbenzene	87		85		70-130	2		30
1,2,3-Trichlorobenzene	96		94		70-130	2		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	89		87		70-130	2		30
1,2,4-Trimethylbenzene	90		88		70-130	2		30
trans-1,4-Dichloro-2-butene	93		93		70-130	0		30
Halothane	96		94		70-130	2		20
Ethyl ether	89		88		67-130	1		30
Methyl Acetate	84		84		65-130	0		30
Ethyl Acetate	85		85		70-130	0		30
Cyclohexane	81		79		70-130	3		30
Tert-Butyl Alcohol	92		93		70-130	1		30
Ethyl-Tert-Butyl-Ether	96		95		70-130	1		30
Tertiary-Amyl Methyl Ether	90		89		70-130	1		30
1,4-Dioxane	87		88		65-136	1		30
Methyl cyclohexane	77		74		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,05-06 Batch: WG659254-1 WG659254-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	86		83		70-130	4		30
1,4-Diethylbenzene	95		93		70-130	2		30
4-Ethyltoluene	88		86		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		94		70-130	2		30

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG659255-1 WG659255-2								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	96		93		70-130	3		30
Carbon tetrachloride	93		90		70-130	3		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	95		94		70-130	1		30
1,1,2-Trichloroethane	95		92		70-130	3		30
2-Chloroethylvinyl ether	96		94		70-130	2		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	94		91		70-139	3		30
1,2-Dichloroethane	95		94		70-130	1		30
1,1,1-Trichloroethane	92		90		70-130	2		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	92		90		70-130	2		30
1,1-Dichloropropene	90		87		70-130	3		30
Bromoform	94		92		70-130	2		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	84		82		70-130	2		30
Toluene	85		84		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG659255-1 WG659255-2								
Ethylbenzene	86		84		70-130	2		30
Chloromethane	82		79		52-130	4		30
Bromomethane	109		106		57-147	3		30
Vinyl chloride	85		83		67-130	2		30
Chloroethane	75		73		50-151	3		30
1,1-Dichloroethene	84		82		65-135	2		30
trans-1,2-Dichloroethene	89		87		70-130	2		30
Trichloroethene	90		86		70-130	5		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	94		91		70-130	3		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	85		82		70-130	4		30
o-Xylene	88		87		70-130	1		30
cis-1,2-Dichloroethene	91		88		70-130	3		30
Dibromomethane	94		93		70-130	1		30
1,4-Dichlorobutane	90		90		70-130	0		30
1,2,3-Trichloropropane	86		85		68-130	1		30
Styrene	92		90		70-130	2		30
Dichlorodifluoromethane	89		85		30-146	5		30
Acetone	114		105		54-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG659255-1 WG659255-2								
Carbon disulfide	72		70		59-130	3		30
2-Butanone	102		96		70-130	6		30
Vinyl acetate	84		82		70-130	2		30
4-Methyl-2-pentanone	93		90		70-130	3		30
2-Hexanone	86		83		70-130	4		30
Ethyl methacrylate	89		87		70-130	2		30
Acrolein	97		100			3		30
Acrylonitrile	98		99		70-130	1		30
Bromochloromethane	98		97		70-130	1		30
Tetrahydrofuran	81		81		66-130	0		30
2,2-Dichloropropane	99		96		70-130	3		30
1,2-Dibromoethane	96		94		70-130	2		30
1,3-Dichloropropane	88		87		69-130	1		30
1,1,1,2-Tetrachloroethane	95		93		70-130	2		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	88		87		70-130	1		30
sec-Butylbenzene	87		86		70-130	1		30
tert-Butylbenzene	93		91		70-130	2		30
1,3,5-Trichlorobenzene	98		96		70-139	2		30
o-Chlorotoluene	93		91		70-130	2		30
p-Chlorotoluene	92		88		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG659255-1 WG659255-2								
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	90		89		67-130	1		30
Isopropylbenzene	88		86		70-130	2		30
p-Isopropyltoluene	94		93		70-130	1		30
Naphthalene	96		95		70-130	1		30
n-Propylbenzene	87		85		70-130	2		30
1,2,3-Trichlorobenzene	96		94		70-130	2		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	89		87		70-130	2		30
1,2,4-Trimethylbenzene	90		88		70-130	2		30
trans-1,4-Dichloro-2-butene	93		93		70-130	0		30
Halothane	96		94		70-130	2		20
Ethyl ether	89		88		67-130	1		30
Methyl Acetate	84		84		65-130	0		30
Ethyl Acetate	85		85		70-130	0		30
Cyclohexane	81		79		70-130	3		30
Tert-Butyl Alcohol	92		93		70-130	1		30
Ethyl-Tert-Butyl-Ether	96		95		70-130	1		30
Tertiary-Amyl Methyl Ether	90		89		70-130	1		30
1,4-Dioxane	87		88		65-136	1		30
Methyl cyclohexane	77		74		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG659255-1 WG659255-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	86		83		70-130	4		30
1,4-Diethylbenzene	95		93		70-130	2		30
4-Ethyltoluene	88		86		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		94		70-130	2		30

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 04 Batch: WG659339-1 WG659339-2								
Methylene chloride	93		91		70-130	2		30
1,1-Dichloroethane	100		96		70-130	4		30
Chloroform	102		99		70-130	3		30
Carbon tetrachloride	103		97		70-130	6		30
1,2-Dichloropropane	99		97		70-130	2		30
Dibromochloromethane	97		96		70-130	1		30
1,1,2-Trichloroethane	92		90		70-130	2		30
2-Chloroethylvinyl ether	99		97		70-130	2		30
Tetrachloroethene	94		91		70-130	3		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	101		96		70-139	5		30
1,2-Dichloroethane	101		97		70-130	4		30
1,1,1-Trichloroethane	99		96		70-130	3		30
Bromodichloromethane	101		99		70-130	2		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	93		91		70-130	2		30
1,1-Dichloropropene	94		89		70-130	5		30
Bromoform	91		88		70-130	3		30
1,1,2,2-Tetrachloroethane	82		81		70-130	1		30
Benzene	87		85		70-130	2		30
Toluene	88		85		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

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Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 04 Batch: WG659339-1 WG659339-2								
Ethylbenzene	88		87		70-130	1		30
Chloromethane	82		77		52-130	6		30
Bromomethane	116		110		57-147	5		30
Vinyl chloride	86		83		67-130	4		30
Chloroethane	78		73		50-151	7		30
1,1-Dichloroethene	84		82		65-135	2		30
trans-1,2-Dichloroethene	93		90		70-130	3		30
Trichloroethene	95		93		70-130	2		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	98		95		70-130	3		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	89		86		70-130	3		30
o-Xylene	91		89		70-130	2		30
cis-1,2-Dichloroethene	96		93		70-130	3		30
Dibromomethane	96		92		70-130	4		30
1,4-Dichlorobutane	90		86		70-130	5		30
1,2,3-Trichloropropane	80		78		68-130	3		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	92		86		30-146	7		30
Acetone	122		74		54-140	49	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 04 Batch: WG659339-1 WG659339-2								
Carbon disulfide	72		68		59-130	6		30
2-Butanone	99		75		70-130	28		30
Vinyl acetate	83		81		70-130	2		30
4-Methyl-2-pentanone	80		78		70-130	3		30
2-Hexanone	80		69	Q	70-130	15		30
Ethyl methacrylate	81		80		70-130	1		30
Acrolein	90		88			2		30
Acrylonitrile	91		89		70-130	2		30
Bromochloromethane	103		99		70-130	4		30
Tetrahydrofuran	71		70		66-130	1		30
2,2-Dichloropropane	107		101		70-130	6		30
1,2-Dibromoethane	92		92		70-130	0		30
1,3-Dichloropropane	88		85		69-130	3		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
Bromobenzene	96		94		70-130	2		30
n-Butylbenzene	92		90		70-130	2		30
sec-Butylbenzene	89		87		70-130	2		30
tert-Butylbenzene	96		93		70-130	3		30
1,3,5-Trichlorobenzene	103		101		70-139	2		30
o-Chlorotoluene	95		88		70-130	8		30
p-Chlorotoluene	94		91		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 04 Batch: WG659339-1 WG659339-2								
1,2-Dibromo-3-chloropropane	83		84		68-130	1		30
Hexachlorobutadiene	95		93		67-130	2		30
Isopropylbenzene	89		87		70-130	2		30
p-Isopropyltoluene	98		96		70-130	2		30
Naphthalene	89		86		70-130	3		30
n-Propylbenzene	90		87		70-130	3		30
1,2,3-Trichlorobenzene	97		94		70-130	3		30
1,2,4-Trichlorobenzene	101		99		70-130	2		30
1,3,5-Trimethylbenzene	91		89		70-130	2		30
1,2,4-Trimethylbenzene	92		90		70-130	2		30
trans-1,4-Dichloro-2-butene	86		84		70-130	2		30
Halothane	103		99		70-130	4		20
Ethyl ether	87		85		67-130	2		30
Methyl Acetate	78		76		65-130	3		30
Ethyl Acetate	78		77		70-130	1		30
Cyclohexane	83		79		70-130	5		30
Tert-Butyl Alcohol	80		80		70-130	0		30
Ethyl-Tert-Butyl-Ether	99		96		70-130	3		30
Tertiary-Amyl Methyl Ether	90		87		70-130	3		30
1,4-Dioxane	78		76		65-136	3		30
Methyl cyclohexane	76		74		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 04 Batch: WG659339-1 WG659339-2								
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		84		70-130	5		30
1,4-Diethylbenzene	98		96		70-130	2		30
4-Ethyltoluene	91		88		70-130	3		30
1,2,4,5-Tetramethylbenzene	99		96		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	104		104		70-130

PETROLEUM HYDROCARBONS

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-01
Client ID: B101-S5-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil
Analytical Method: 100, VPH-04-1.1
Analytical Date: 12/13/13 16:55
Analyst: BS
Percent Solids: 89%

Date Collected: 12/10/13 13:00
Date Received: 12/12/13
Field Prep: Not Specified

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
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	2.30	--	1
C9-C12 Aliphatics	ND		mg/kg	2.30	--	1
C9-C10 Aromatics	ND		mg/kg	2.30	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.30	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	92		70-130
2,5-Dibromotoluene-FID	100		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-01
 Client ID: B101-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 15:01
 Analyst: MW
 Percent Solids: 89%

Date Collected: 12/10/13 13:00
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.01	--	1
C19-C36 Aliphatics	ND		mg/kg	7.01	--	1
C11-C22 Aromatics	ND		mg/kg	7.01	--	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.01	--	1
Naphthalene	ND		mg/kg	0.350	--	1
2-Methylnaphthalene	ND		mg/kg	0.350	--	1
Acenaphthylene	ND		mg/kg	0.350	--	1
Acenaphthene	ND		mg/kg	0.350	--	1
Fluorene	ND		mg/kg	0.350	--	1
Phenanthrene	ND		mg/kg	0.350	--	1
Anthracene	ND		mg/kg	0.350	--	1
Fluoranthene	ND		mg/kg	0.350	--	1
Pyrene	ND		mg/kg	0.350	--	1
Benzo(a)anthracene	ND		mg/kg	0.350	--	1
Chrysene	ND		mg/kg	0.350	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.350	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.350	--	1
Benzo(a)pyrene	ND		mg/kg	0.350	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.350	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.350	--	1
Benzo(ghi)perylene	ND		mg/kg	0.350	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-01

Date Collected: 12/10/13 13:00

Client ID: B101-S5-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	77		40-140
2-Fluorobiphenyl	53		40-140
2-Bromonaphthalene	52		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-02
 Client ID: B102-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 17:36
 Analyst: BS
 Percent Solids: 87%

Date Collected: 12/10/13 10:10
 Date Received: 12/12/13
 Field Prep: Not Specified

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	6.95		mg/kg	4.11	--	1
C9-C12 Aliphatics	ND		mg/kg	4.11	--	1
C9-C10 Aromatics	ND		mg/kg	4.11	--	1
C5-C8 Aliphatics, Adjusted	6.76		mg/kg	4.11	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.11	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	104		70-130
2,5-Dibromotoluene-FID	114		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-02
 Client ID: B102-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 15:32
 Analyst: MW
 Percent Solids: 87%

Date Collected: 12/10/13 10:10
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.42	--	1
C19-C36 Aliphatics	ND		mg/kg	7.42	--	1
C11-C22 Aromatics	20.0		mg/kg	7.42	--	1
C11-C22 Aromatics, Adjusted	18.2		mg/kg	7.42	--	1
Naphthalene	ND		mg/kg	0.371	--	1
2-Methylnaphthalene	ND		mg/kg	0.371	--	1
Acenaphthylene	ND		mg/kg	0.371	--	1
Acenaphthene	ND		mg/kg	0.371	--	1
Fluorene	ND		mg/kg	0.371	--	1
Phenanthrene	ND		mg/kg	0.371	--	1
Anthracene	ND		mg/kg	0.371	--	1
Fluoranthene	0.524		mg/kg	0.371	--	1
Pyrene	0.451		mg/kg	0.371	--	1
Benzo(a)anthracene	ND		mg/kg	0.371	--	1
Chrysene	0.446		mg/kg	0.371	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.371	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.371	--	1
Benzo(a)pyrene	0.379		mg/kg	0.371	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.371	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.371	--	1
Benzo(ghi)perylene	ND		mg/kg	0.371	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-02

Date Collected: 12/10/13 10:10

Client ID: B102-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	74		40-140
2-Fluorobiphenyl	51		40-140
2-Bromonaphthalene	51		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-03
 Client ID: B103-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 18:16
 Analyst: BS
 Percent Solids: 90%

Date Collected: 12/10/13 11:30
 Date Received: 12/12/13
 Field Prep: Not Specified

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
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	3.27	--	1
C9-C12 Aliphatics	15.4		mg/kg	3.27	--	1
C9-C10 Aromatics	7.88		mg/kg	3.27	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	3.27	--	1
C9-C12 Aliphatics, Adjusted	7.55		mg/kg	3.27	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	116		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-03
 Client ID: B103-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 15:33
 Analyst: MW
 Percent Solids: 90%

Date Collected: 12/10/13 11:30
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	38.4		mg/kg	7.14	--	1
C19-C36 Aliphatics	52.1		mg/kg	7.14	--	1
C11-C22 Aromatics	70.6		mg/kg	7.14	--	1
C11-C22 Aromatics, Adjusted	70.6		mg/kg	7.14	--	1
Naphthalene	ND		mg/kg	0.357	--	1
2-Methylnaphthalene	ND		mg/kg	0.357	--	1
Acenaphthylene	ND		mg/kg	0.357	--	1
Acenaphthene	ND		mg/kg	0.357	--	1
Fluorene	ND		mg/kg	0.357	--	1
Phenanthrene	ND		mg/kg	0.357	--	1
Anthracene	ND		mg/kg	0.357	--	1
Fluoranthene	ND		mg/kg	0.357	--	1
Pyrene	ND		mg/kg	0.357	--	1
Benzo(a)anthracene	ND		mg/kg	0.357	--	1
Chrysene	ND		mg/kg	0.357	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.357	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.357	--	1
Benzo(a)pyrene	ND		mg/kg	0.357	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.357	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.357	--	1
Benzo(ghi)perylene	ND		mg/kg	0.357	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-03

Date Collected: 12/10/13 11:30

Client ID: B103-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	50		40-140
o-Terphenyl	81		40-140
2-Fluorobiphenyl	59		40-140
2-Bromonaphthalene	63		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-04
 Client ID: B107-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 18:57
 Analyst: BS
 Percent Solids: 92%

Date Collected: 12/10/13 14:00
 Date Received: 12/12/13
 Field Prep: Not Specified

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
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	2.61	--	1
C9-C12 Aliphatics	ND		mg/kg	2.61	--	1
C9-C10 Aromatics	ND		mg/kg	2.61	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.61	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.61	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	91		70-130
2,5-Dibromotoluene-FID	99		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-04
 Client ID: B107-S1-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 13:50
 Analyst: MW
 Percent Solids: 92%

Date Collected: 12/10/13 14:00
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	8.13		mg/kg	7.07	--	1
C19-C36 Aliphatics	49.2		mg/kg	7.07	--	1
C11-C22 Aromatics	40.6		mg/kg	7.07	--	1
C11-C22 Aromatics, Adjusted	38.1		mg/kg	7.07	--	1
Naphthalene	ND		mg/kg	0.354	--	1
2-Methylnaphthalene	0.415		mg/kg	0.354	--	1
Acenaphthylene	ND		mg/kg	0.354	--	1
Acenaphthene	ND		mg/kg	0.354	--	1
Fluorene	ND		mg/kg	0.354	--	1
Phenanthrene	ND		mg/kg	0.354	--	1
Anthracene	ND		mg/kg	0.354	--	1
Fluoranthene	0.418		mg/kg	0.354	--	1
Pyrene	0.401		mg/kg	0.354	--	1
Benzo(a)anthracene	ND		mg/kg	0.354	--	1
Chrysene	0.399		mg/kg	0.354	--	1
Benzo(b)fluoranthene	0.454		mg/kg	0.354	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.354	--	1
Benzo(a)pyrene	0.402		mg/kg	0.354	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.354	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.354	--	1
Benzo(ghi)perylene	ND		mg/kg	0.354	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-04

Date Collected: 12/10/13 14:00

Client ID: B107-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	88		40-140
2-Fluorobiphenyl	60		40-140
2-Bromonaphthalene	60		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-05
 Client ID: B112-S4-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 19:37
 Analyst: BS
 Percent Solids: 90%

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified

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: 1:1.6

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	2.09	--	1
C9-C12 Aliphatics	ND		mg/kg	2.09	--	1
C9-C10 Aromatics	ND		mg/kg	2.09	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.09	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.09	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	101		70-130
2,5-Dibromotoluene-FID	109		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-05
 Client ID: B112-S4-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 13:05
 Analyst: MW
 Percent Solids: 90%

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	6.93	--	1
C19-C36 Aliphatics	ND		mg/kg	6.93	--	1
C11-C22 Aromatics	ND		mg/kg	6.93	--	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.93	--	1
Naphthalene	ND		mg/kg	0.346	--	1
2-Methylnaphthalene	ND		mg/kg	0.346	--	1
Acenaphthylene	ND		mg/kg	0.346	--	1
Acenaphthene	ND		mg/kg	0.346	--	1
Fluorene	ND		mg/kg	0.346	--	1
Phenanthrene	ND		mg/kg	0.346	--	1
Anthracene	ND		mg/kg	0.346	--	1
Fluoranthene	ND		mg/kg	0.346	--	1
Pyrene	ND		mg/kg	0.346	--	1
Benzo(a)anthracene	ND		mg/kg	0.346	--	1
Chrysene	ND		mg/kg	0.346	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.346	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.346	--	1
Benzo(a)pyrene	ND		mg/kg	0.346	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.346	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.346	--	1
Benzo(ghi)perylene	ND		mg/kg	0.346	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-05

Date Collected: 12/10/13 10:30

Client ID: B112-S4-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	51		40-140
2-Bromonaphthalene	50		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-06
 Client ID: B10X-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 20:17
 Analyst: BS
 Percent Solids: 84%

Date Collected: 12/10/13 13:30
 Date Received: 12/12/13
 Field Prep: Not Specified

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: 1:1.7

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	2.39	--	1
C9-C12 Aliphatics	ND		mg/kg	2.39	--	1
C9-C10 Aromatics	ND		mg/kg	2.39	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.39	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.39	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	100		70-130
2,5-Dibromotoluene-FID	108		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-06
 Client ID: B10X-S5-121013
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 10:23
 Analyst: MW
 Percent Solids: 84%

Date Collected: 12/10/13 13:30
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.85	--	1
C19-C36 Aliphatics	ND		mg/kg	7.85	--	1
C11-C22 Aromatics	ND		mg/kg	7.85	--	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.85	--	1
Naphthalene	ND		mg/kg	0.392	--	1
2-Methylnaphthalene	ND		mg/kg	0.392	--	1
Acenaphthylene	ND		mg/kg	0.392	--	1
Acenaphthene	ND		mg/kg	0.392	--	1
Fluorene	ND		mg/kg	0.392	--	1
Phenanthrene	ND		mg/kg	0.392	--	1
Anthracene	ND		mg/kg	0.392	--	1
Fluoranthene	ND		mg/kg	0.392	--	1
Pyrene	ND		mg/kg	0.392	--	1
Benzo(a)anthracene	ND		mg/kg	0.392	--	1
Chrysene	ND		mg/kg	0.392	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.392	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.392	--	1
Benzo(a)pyrene	ND		mg/kg	0.392	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.392	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.392	--	1
Benzo(ghi)perylene	ND		mg/kg	0.392	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-06

Date Collected: 12/10/13 13:30

Client ID: B10X-S5-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	68		40-140
o-Terphenyl	82		40-140
2-Fluorobiphenyl	105		40-140
2-Bromonaphthalene	108		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-07
 Client ID: BK1
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 18:03
 Analyst: MW
 Percent Solids: 76%

Date Collected: 12/10/13 10:00
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	17.5	--	2
C19-C36 Aliphatics	30.1		mg/kg	17.5	--	2
C11-C22 Aromatics	70.0		mg/kg	17.5	--	2
C11-C22 Aromatics, Adjusted	59.7		mg/kg	17.5	--	2
Naphthalene	ND		mg/kg	0.874	--	2
2-Methylnaphthalene	ND		mg/kg	0.874	--	2
Acenaphthylene	ND		mg/kg	0.874	--	2
Acenaphthene	ND		mg/kg	0.874	--	2
Fluorene	ND		mg/kg	0.874	--	2
Phenanthrene	0.886		mg/kg	0.874	--	2
Anthracene	ND		mg/kg	0.874	--	2
Fluoranthene	1.90		mg/kg	0.874	--	2
Pyrene	1.75		mg/kg	0.874	--	2
Benzo(a)anthracene	1.04		mg/kg	0.874	--	2
Chrysene	1.33		mg/kg	0.874	--	2
Benzo(b)fluoranthene	1.04		mg/kg	0.874	--	2
Benzo(k)fluoranthene	1.13		mg/kg	0.874	--	2
Benzo(a)pyrene	1.26		mg/kg	0.874	--	2
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.874	--	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.874	--	2
Benzo(ghi)perylene	ND		mg/kg	0.874	--	2

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-07

Date Collected: 12/10/13 10:00

Client ID: BK1

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	71		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	81		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-08
 Client ID: BK2
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 17:32
 Analyst: MW
 Percent Solids: 74%

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.43	--	1
C19-C36 Aliphatics	13.2		mg/kg	8.43	--	1
C11-C22 Aromatics	78.0		mg/kg	8.43	--	1
C11-C22 Aromatics, Adjusted	62.8		mg/kg	8.43	--	1
Naphthalene	ND		mg/kg	0.422	--	1
2-Methylnaphthalene	ND		mg/kg	0.422	--	1
Acenaphthylene	ND		mg/kg	0.422	--	1
Acenaphthene	ND		mg/kg	0.422	--	1
Fluorene	ND		mg/kg	0.422	--	1
Phenanthrene	1.07		mg/kg	0.422	--	1
Anthracene	ND		mg/kg	0.422	--	1
Fluoranthene	2.16		mg/kg	0.422	--	1
Pyrene	2.17		mg/kg	0.422	--	1
Benzo(a)anthracene	1.39		mg/kg	0.422	--	1
Chrysene	1.70		mg/kg	0.422	--	1
Benzo(b)fluoranthene	1.27		mg/kg	0.422	--	1
Benzo(k)fluoranthene	1.47		mg/kg	0.422	--	1
Benzo(a)pyrene	1.70		mg/kg	0.422	--	1
Indeno(1,2,3-cd)Pyrene	1.15		mg/kg	0.422	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.422	--	1
Benzo(ghi)perylene	1.13		mg/kg	0.422	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-08

Date Collected: 12/10/13 10:30

Client ID: BK2

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	80		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	79		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 14:30
 Analyst: MW

Extraction Method: EPA 3546
 Extraction Date: 12/13/13 01:20
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/13/13

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-08 Batch: WG658666-1					
C9-C18 Aliphatics	ND		mg/kg	6.62	--
C19-C36 Aliphatics	ND		mg/kg	6.62	--
C11-C22 Aromatics	ND		mg/kg	6.62	--
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.62	--
Naphthalene	ND		mg/kg	0.331	--
2-Methylnaphthalene	ND		mg/kg	0.331	--
Acenaphthylene	ND		mg/kg	0.331	--
Acenaphthene	ND		mg/kg	0.331	--
Fluorene	ND		mg/kg	0.331	--
Phenanthrene	ND		mg/kg	0.331	--
Anthracene	ND		mg/kg	0.331	--
Fluoranthene	ND		mg/kg	0.331	--
Pyrene	ND		mg/kg	0.331	--
Benzo(a)anthracene	ND		mg/kg	0.331	--
Chrysene	ND		mg/kg	0.331	--
Benzo(b)fluoranthene	ND		mg/kg	0.331	--
Benzo(k)fluoranthene	ND		mg/kg	0.331	--
Benzo(a)pyrene	ND		mg/kg	0.331	--
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.331	--
Dibenzo(a,h)anthracene	ND		mg/kg	0.331	--
Benzo(ghi)perylene	ND		mg/kg	0.331	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	52		40-140
2-Bromonaphthalene	50		40-140

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 100, VPH-04-1.1

Analytical Date: 12/13/13 10:11

Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG659070-3					
C5-C8 Aliphatics	ND		mg/kg	2.67	--
C9-C12 Aliphatics	ND		mg/kg	2.67	--
C9-C10 Aromatics	ND		mg/kg	2.67	--
C5-C8 Aliphatics, Adjusted	ND		mg/kg	2.67	--
C9-C12 Aliphatics, Adjusted	ND		mg/kg	2.67	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	88		70-130
2,5-Dibromotoluene-FID	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-08 Batch: WG658666-2 WG658666-3								
C9-C18 Aliphatics	57		54		40-140	5		25
C19-C36 Aliphatics	71		72		40-140	1		25
C11-C22 Aromatics	73		76		40-140	4		25
Naphthalene	65		61		40-140	6		25
2-Methylnaphthalene	70		66		40-140	6		25
Acenaphthylene	66		62		40-140	6		25
Acenaphthene	70		67		40-140	4		25
Fluorene	72		72		40-140	0		25
Phenanthrene	73		76		40-140	4		25
Anthracene	76		81		40-140	6		25
Fluoranthene	74		78		40-140	5		25
Pyrene	75		79		40-140	5		25
Benzo(a)anthracene	71		74		40-140	4		25
Chrysene	71		75		40-140	5		25
Benzo(b)fluoranthene	71		74		40-140	4		25
Benzo(k)fluoranthene	74		81		40-140	9		25
Benzo(a)pyrene	71		74		40-140	4		25
Indeno(1,2,3-cd)Pyrene	72		77		40-140	7		25
Dibenzo(a,h)anthracene	69		73		40-140	6		25
Benzo(ghi)perylene	71		75		40-140	5		25
Nonane (C9)	48		43		30-140	11		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-08 Batch: WG658666-2 WG658666-3								
Decane (C10)	56		51		40-140	9		25
Dodecane (C12)	62		56		40-140	10		25
Tetradecane (C14)	66		60		40-140	10		25
Hexadecane (C16)	68		66		40-140	3		25
Octadecane (C18)	69		70		40-140	1		25
Nonadecane (C19)	70		71		40-140	1		25
Eicosane (C20)	70		71		40-140	1		25
Docosane (C22)	71		72		40-140	1		25
Tetracosane (C24)	72		73		40-140	1		25
Hexacosane (C26)	72		73		40-140	1		25
Octacosane (C28)	71		72		40-140	1		25
Triacontane (C30)	73		74		40-140	1		25
Hexatriacontane (C36)	72		73		40-140	1		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Chloro-Octadecane	66		61		40-140
o-Terphenyl	78		88		40-140
2-Fluorobiphenyl	55		49		40-140
2-Bromonaphthalene	54		48		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		



Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG659070-1 WG659070-2								
C5-C8 Aliphatics	89		92		70-130	4		25
C9-C12 Aliphatics	102		105		70-130	3		25
C9-C10 Aromatics	84		86		70-130	2		25
Benzene	82		85		70-130	3		25
Toluene	80		82		70-130	3		25
Ethylbenzene	81		83		70-130	3		25
p/m-Xylene	82		84		70-130	3		25
o-Xylene	82		83		70-130	2		25
Methyl tert butyl ether	78		79		70-130	1		25
Naphthalene	86		88		70-130	2		25
1,2,4-Trimethylbenzene	84		86		70-130	2		25
Pentane	88		91		70-130	3		25
2-Methylpentane	95		99		70-130	5		25
2,2,4-Trimethylpentane	94		98		70-130	4		25
n-Nonane	94		96		30-130	3		25
n-Decane	108		110		70-130	2		25
n-Butylcyclohexane	97		100		70-130	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG659070-1 WG659070-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	84		84		70-130
2,5-Dibromotoluene-FID	91		91		70-130

METALS

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-01

Date Collected: 12/10/13 13:00

Client ID: B101-S5-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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Total Metals - Westborough Lab

Arsenic, Total	3.7		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 13:39	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 13:39	EPA 3050B	1,6010C	MG
Chromium, Total	19		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 13:39	EPA 3050B	1,6010C	MG
Lead, Total	3.0		mg/kg	2.1	--	1	12/13/13 13:49	12/14/13 13:39	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-02

Date Collected: 12/10/13 10:10

Client ID: B102-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	13		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 13:43	EPA 3050B	1,6010C	MG
Cadmium, Total	0.82		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 13:43	EPA 3050B	1,6010C	MG
Chromium, Total	27		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 13:43	EPA 3050B	1,6010C	MG
Lead, Total	38		mg/kg	2.2	--	1	12/13/13 13:49	12/14/13 13:43	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-03

Date Collected: 12/10/13 11:30

Client ID: B103-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, 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
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Total Metals - Westborough Lab

Arsenic, Total	4.2		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 14:05	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 14:05	EPA 3050B	1,6010C	MG
Chromium, Total	19		mg/kg	0.42	--	1	12/13/13 13:49	12/14/13 14:05	EPA 3050B	1,6010C	MG
Lead, Total	7.8		mg/kg	2.1	--	1	12/13/13 13:49	12/14/13 14:05	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-04

Date Collected: 12/10/13 14:00

Client ID: B107-S1-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, 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
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Total Metals - Westborough Lab

Arsenic, Total	11		mg/kg	0.41	--	1	12/13/13 13:49	12/14/13 14:08	EPA 3050B	1,6010C	MG
Cadmium, Total	0.72		mg/kg	0.41	--	1	12/13/13 13:49	12/14/13 14:08	EPA 3050B	1,6010C	MG
Chromium, Total	31		mg/kg	0.41	--	1	12/13/13 13:49	12/14/13 14:08	EPA 3050B	1,6010C	MG
Lead, Total	60		mg/kg	2.0	--	1	12/13/13 13:49	12/14/13 14:08	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-05

Date Collected: 12/10/13 10:30

Client ID: B112-S4-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, 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 - Westborough Lab											
Arsenic, Total	11		mg/kg	0.43	--	1	12/13/13 13:49	12/14/13 14:12	EPA 3050B	1,6010C	MG
Cadmium, Total	0.52		mg/kg	0.43	--	1	12/13/13 13:49	12/14/13 14:12	EPA 3050B	1,6010C	MG
Chromium, Total	22		mg/kg	0.43	--	1	12/13/13 13:49	12/14/13 14:12	EPA 3050B	1,6010C	MG
Lead, Total	4.6		mg/kg	2.1	--	1	12/13/13 13:49	12/14/13 14:12	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-06

Date Collected: 12/10/13 13:30

Client ID: B10X-S5-121013

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, 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 - Westborough Lab											
Arsenic, Total	4.5		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 14:15	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 14:15	EPA 3050B	1,6010C	MG
Chromium, Total	21		mg/kg	0.45	--	1	12/13/13 13:49	12/14/13 14:15	EPA 3050B	1,6010C	MG
Lead, Total	3.7		mg/kg	2.2	--	1	12/13/13 13:49	12/14/13 14:15	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325318**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325318-07

Date Collected: 12/10/13 10:00

Client ID: BK1

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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Total Metals - Westborough Lab

Arsenic, Total	11		mg/kg	0.52	--	1	12/13/13 13:49	12/14/13 14:19	EPA 3050B	1,6010C	MG
Cadmium, Total	0.80		mg/kg	0.52	--	1	12/13/13 13:49	12/14/13 14:19	EPA 3050B	1,6010C	MG
Chromium, Total	36		mg/kg	0.52	--	1	12/13/13 13:49	12/14/13 14:19	EPA 3050B	1,6010C	MG
Lead, Total	51		mg/kg	2.6	--	1	12/13/13 13:49	12/14/13 14:19	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-08
 Client ID: BK2
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil
 Percent Solids: 74%

Date Collected: 12/10/13 10:30
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	13		mg/kg	0.51	--	1	12/13/13 13:49	12/14/13 14:22	EPA 3050B	1,6010C	MG
Cadmium, Total	0.80		mg/kg	0.51	--	1	12/13/13 13:49	12/14/13 14:22	EPA 3050B	1,6010C	MG
Chromium, Total	31		mg/kg	0.51	--	1	12/13/13 13:49	12/14/13 14:22	EPA 3050B	1,6010C	MG
Lead, Total	82		mg/kg	2.6	--	1	12/13/13 13:49	12/14/13 14:22	EPA 3050B	1,6010C	MG



Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325318

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-08 Batch: WG658861-1									
Arsenic, Total	ND	mg/kg	0.40	--	1	12/13/13 13:49	12/14/13 12:24	1,6010C	MG
Cadmium, Total	ND	mg/kg	0.40	--	1	12/13/13 13:49	12/14/13 12:24	1,6010C	MG
Chromium, Total	ND	mg/kg	0.40	--	1	12/13/13 13:49	12/14/13 12:24	1,6010C	MG
Lead, Total	ND	mg/kg	2.0	--	1	12/13/13 13:49	12/14/13 12:24	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG658861-2 SRM Lot Number: 0518-10-02								
Arsenic, Total	104		-		81-119	-		
Cadmium, Total	98		-		82-117	-		
Chromium, Total	97		-		80-119	-		
Lead, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG658861-4 QC Sample: L1324817-01 Client ID: MS Sample												
Arsenic, Total	5.7	14.8	19	90		-	-		75-125	-		35
Cadmium, Total	0.65	6.28	6.3	90		-	-		75-125	-		35
Chromium, Total	20	24.6	42	89		-	-		75-125	-		35
Lead, Total	100	62.8	160	95		-	-		75-125	-		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Project Number: 111.06134.034

Lab Number: L1325318

Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG658861-3 QC Sample: L1324817-01 Client ID: DUP Sample						
Lead, Total	100	82	mg/kg	20		35

INORGANICS & MISCELLANEOUS

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-01
Client ID: B101-S5-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 13:00
Date Received: 12/12/13
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	89.2		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-02
Client ID: B102-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 10:10
Date Received: 12/12/13
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	86.6		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-03
Client ID: B103-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 11:30
Date Received: 12/12/13
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	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-04
Client ID: B107-S1-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 14:00
Date Received: 12/12/13
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	91.5		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-05
Client ID: B112-S4-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 10:30
Date Received: 12/12/13
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	90.4		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-06
Client ID: B10X-S5-121013
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 13:30
Date Received: 12/12/13
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	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-07
Client ID: BK1
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 10:00
Date Received: 12/12/13
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	75.8		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325318-08
Client ID: BK2
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Soil

Date Collected: 12/10/13 10:30
Date Received: 12/12/13
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	74.2		%	0.100	NA	1	-	12/13/13 01:07	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Project Number: 111.06134.034

Lab Number: L1325318

Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG658665-1 QC Sample: L1324529-01 Client ID: DUP Sample						
Solids, Total	42.4	40.0	%	6		20

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/12/2013 20:59

Cooler Information Custody Seal

Cooler

A Absent
 B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1325318-01A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-01B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-01C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-01D	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-01E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-02A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-02B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-02C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-02D	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-02E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-03A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-03B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-03C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-03D	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-03E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-04A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-04B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-04C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-04D	Amber 120ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)

*Values in parentheses indicate holding time in days



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1325318-04E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-05A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-05B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-05C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-05D	Amber 120ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-05E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-06A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	8260HLW(14),VPH-10(28)
L1325318-06B	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-06C	Vial water preserved	A	N/A	3.3	Y	Absent	8260HLW(14)
L1325318-06D	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-06E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-07D	Amber 120ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-07E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-08D	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-08E	Amber 250ml unpreserved	B	N/A	2.0	Y	Absent	AS-TI(180),CR-TI(180),TS(7),PB-TI(180),CD-TI(180),EPH-DELUX-10(14)
L1325318-09A	Vial MeOH preserved	A	N/A	3.3	Y	Absent	HOLD(0)
L1325318-09B	Vial water preserved	A	N/A	3.3	Y	Absent	HOLD(0)
L1325318-09C	Vial water preserved	A	N/A	3.3	Y	Absent	HOLD(0)

*Values in parentheses indicate holding time in days



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

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.
LCS D	- 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.
NI	- Not Ignitable.
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.

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

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.
- 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.

Report Format: Data Usability Report



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

Data Qualifiers

- 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.

Report Format: Data Usability Report



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325318
Report Date: 12/17/13

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 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.

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

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

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.

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, SM4500CI-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.



ANALYTICAL REPORT

Lab Number:	L1325319
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Aaron Martin
Phone:	(207) 772-2891
Project Name:	MASKER'S THEATER & THOMPSON'S
Project Number:	111.06134.034
Report Date:	12/17/13

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), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1325319-01	TW101	45 FRONT ST, BELFAST, ME	12/10/13 14:55
L1325319-02	TW102	45 FRONT ST, BELFAST, ME	12/10/13 12:10
L1325319-03	TW103	45 FRONT ST, BELFAST, ME	12/10/13 13:35
L1325319-04	MWX	45 FRONT ST, BELFAST, ME	12/10/13 12:00
L1325319-05	TRIP BLANK	45 FRONT ST, BELFAST, ME	12/10/13 00:00

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Case Narrative (continued)

Sample Receipt

A Trip Blank was received in the laboratory but not listed on the Chain of Custody. The Trip Blank was not analyzed.

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:  Cynthia McQueen

Title: Technical Director/Representative

Date: 12/17/13

ORGANICS

VOLATILES

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-01
 Client ID: TW101
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/13/13 19:01
 Analyst: PD

Date Collected: 12/10/13 14:55
 Date Received: 12/12/13
 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	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-01
 Client ID: TW101
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 14:55
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-01

Date Collected: 12/10/13 14:55

Client ID: TW101

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-02
Client ID: TW102
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/13/13 19:28
Analyst: PD

Date Collected: 12/10/13 12:10
Date Received: 12/12/13
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	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-02
 Client ID: TW102
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 12:10
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-02

Date Collected: 12/10/13 12:10

Client ID: TW102

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-03
 Client ID: TW103
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 12/13/13 19:56
 Analyst: PD

Date Collected: 12/10/13 13:35
 Date Received: 12/12/13
 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	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-03

Date Collected: 12/10/13 13:35

Client ID: TW103

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-03

Date Collected: 12/10/13 13:35

Client ID: TW103

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-04
Client ID: MWX
Sample Location: 45 FRONT ST, BELFAST, ME
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/13/13 20:23
Analyst: PD

Date Collected: 12/10/13 12:00
Date Received: 12/12/13
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	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-04
 Client ID: MWX
 Sample Location: 45 FRONT ST, BELFAST, ME

Date Collected: 12/10/13 12:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-04

Date Collected: 12/10/13 12:00

Client ID: MWX

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/13/13 14:00
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG659063-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/13/13 14:00
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG659063-3					
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,4-Dichlorobutane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 12/13/13 14:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG659063-3					
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG659063-1 WG659063-2								
Methylene chloride	104		100		70-130	4		20
1,1-Dichloroethane	105		100		70-130	5		20
Chloroform	106		103		70-130	3		20
Carbon tetrachloride	106		99		63-132	7		20
1,2-Dichloropropane	100		96		70-130	4		20
Dibromochloromethane	106		102		63-130	4		20
1,1,2-Trichloroethane	111		109		70-130	2		20
Tetrachloroethene	103		99		70-130	4		20
Chlorobenzene	103		100		75-130	3		25
Trichlorofluoromethane	120		111		62-150	8		20
1,2-Dichloroethane	110		105		70-130	5		20
1,1,1-Trichloroethane	107		100		67-130	7		20
Bromodichloromethane	103		100		67-130	3		20
trans-1,3-Dichloropropene	110		106		70-130	4		20
cis-1,3-Dichloropropene	99		96		70-130	3		20
1,1-Dichloropropene	104		98		70-130	6		20
Bromoform	98		94		54-136	4		20
1,1,2,2-Tetrachloroethane	105		101		67-130	4		20
Benzene	102		97		70-130	5		25
Toluene	106		102		70-130	4		25
Ethylbenzene	105		101		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG659063-1 WG659063-2								
Chloromethane	107		103		64-130	4		20
Bromomethane	83		79		39-139	5		20
Vinyl chloride	105		99		55-140	6		20
Chloroethane	110		104		55-138	6		20
1,1-Dichloroethene	107		101		61-145	6		25
trans-1,2-Dichloroethene	104		97		70-130	7		20
Trichloroethene	101		98		70-130	3		25
1,2-Dichlorobenzene	104		102		70-130	2		20
1,3-Dichlorobenzene	102		100		70-130	2		20
1,4-Dichlorobenzene	103		100		70-130	3		20
Methyl tert butyl ether	105		100		63-130	5		20
p/m-Xylene	107		103		70-130	4		20
o-Xylene	105		102		70-130	3		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	103		100		70-130	3		20
1,4-Dichlorobutane	102		98		70-130	4		20
1,2,3-Trichloropropane	112		108		64-130	4		20
Styrene	111		108		70-130	3		20
Dichlorodifluoromethane	123		114		36-147	8		20
Acetone	124		104		58-148	18		20
Carbon disulfide	98		91		51-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG659063-1 WG659063-2								
2-Butanone	126		109		63-138	14		20
Vinyl acetate	110		105		70-130	5		20
4-Methyl-2-pentanone	101		94		59-130	7		20
2-Hexanone	109		99		57-130	10		20
Ethyl methacrylate	105		102		70-130	3		20
Acrylonitrile	112		105		70-130	6		20
Bromochloromethane	103		100		70-130	3		20
Tetrahydrofuran	107		109		58-130	2		20
2,2-Dichloropropane	107		100		63-133	7		20
1,2-Dibromoethane	108		104		70-130	4		20
1,3-Dichloropropane	109		107		70-130	2		20
1,1,1,2-Tetrachloroethane	108		104		64-130	4		20
Bromobenzene	94		92		70-130	2		20
n-Butylbenzene	112		107		53-136	5		20
sec-Butylbenzene	106		101		70-130	5		20
tert-Butylbenzene	100		96		70-130	4		20
o-Chlorotoluene	102		99		70-130	3		20
p-Chlorotoluene	101		99		70-130	2		20
1,2-Dibromo-3-chloropropane	113		108		41-144	5		20
Hexachlorobutadiene	107		102		63-130	5		20
Isopropylbenzene	96		92		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG659063-1 WG659063-2								
p-Isopropyltoluene	105		101		70-130	4		20
Naphthalene	110		106		70-130	4		20
n-Propylbenzene	100		95		69-130	5		20
1,2,3-Trichlorobenzene	109		106		70-130	3		20
1,2,4-Trichlorobenzene	108		106		70-130	2		20
1,3,5-Trimethylbenzene	106		102		64-130	4		20
1,2,4-Trimethylbenzene	104		101		70-130	3		20
trans-1,4-Dichloro-2-butene	84		80		70-130	5		20
Ethyl ether	112		109		59-134	3		20
1,4-Dioxane	132		126		56-162	5		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	117		107		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	106		104		70-130

PETROLEUM HYDROCARBONS

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-01
 Client ID: TW101
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 14:21
 Analyst: BS

Date Collected: 12/10/13 14:55
 Date Received: 12/12/13
 Field Prep: Not Specified

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	--	1
C9-C12 Aliphatics	ND		ug/l	50.0	--	1
C9-C10 Aromatics	ND		ug/l	50.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	114		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-01
 Client ID: TW101
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 12:18
 Analyst: MW

Date Collected: 12/10/13 14:55
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 12/13/13 08:50
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/14/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	--	1
C19-C36 Aliphatics	ND		ug/l	100	--	1
C11-C22 Aromatics	ND		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	--	1
Naphthalene	ND		ug/l	10.0	--	1
2-Methylnaphthalene	ND		ug/l	10.0	--	1
Acenaphthylene	ND		ug/l	10.0	--	1
Acenaphthene	ND		ug/l	10.0	--	1
Fluorene	ND		ug/l	10.0	--	1
Phenanthrene	ND		ug/l	10.0	--	1
Anthracene	ND		ug/l	10.0	--	1
Fluoranthene	ND		ug/l	10.0	--	1
Pyrene	ND		ug/l	10.0	--	1
Benzo(a)anthracene	ND		ug/l	10.0	--	1
Chrysene	ND		ug/l	10.0	--	1
Benzo(b)fluoranthene	ND		ug/l	10.0	--	1
Benzo(k)fluoranthene	ND		ug/l	10.0	--	1
Benzo(a)pyrene	ND		ug/l	10.0	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	--	1
Benzo(ghi)perylene	ND		ug/l	10.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-01

Date Collected: 12/10/13 14:55

Client ID: TW101

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	56		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	78		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-02
 Client ID: TW102
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 16:21
 Analyst: BS

Date Collected: 12/10/13 12:10
 Date Received: 12/12/13
 Field Prep: Not Specified

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	--	1
C9-C12 Aliphatics	ND		ug/l	50.0	--	1
C9-C10 Aromatics	ND		ug/l	50.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	107		70-130
2,5-Dibromotoluene-FID	109		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-02
 Client ID: TW102
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 12:59
 Analyst: MW

Date Collected: 12/10/13 12:10
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 12/13/13 08:50
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/14/13

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
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	--	1
C19-C36 Aliphatics	ND		ug/l	100	--	1
C11-C22 Aromatics	ND		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	--	1
Naphthalene	ND		ug/l	10.0	--	1
2-Methylnaphthalene	ND		ug/l	10.0	--	1
Acenaphthylene	ND		ug/l	10.0	--	1
Acenaphthene	ND		ug/l	10.0	--	1
Fluorene	ND		ug/l	10.0	--	1
Phenanthrene	ND		ug/l	10.0	--	1
Anthracene	ND		ug/l	10.0	--	1
Fluoranthene	ND		ug/l	10.0	--	1
Pyrene	ND		ug/l	10.0	--	1
Benzo(a)anthracene	ND		ug/l	10.0	--	1
Chrysene	ND		ug/l	10.0	--	1
Benzo(b)fluoranthene	ND		ug/l	10.0	--	1
Benzo(k)fluoranthene	ND		ug/l	10.0	--	1
Benzo(a)pyrene	ND		ug/l	10.0	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	--	1
Benzo(ghi)perylene	ND		ug/l	10.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-02

Date Collected: 12/10/13 12:10

Client ID: TW102

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	49		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	90		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-03
 Client ID: TW103
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 15:01
 Analyst: BS

Date Collected: 12/10/13 13:35
 Date Received: 12/12/13
 Field Prep: Not Specified

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	--	1
C9-C12 Aliphatics	ND		ug/l	50.0	--	1
C9-C10 Aromatics	ND		ug/l	50.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	114		70-130
2,5-Dibromotoluene-FID	115		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-03
 Client ID: TW103
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 13:41
 Analyst: MW

Date Collected: 12/10/13 13:35
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 12/13/13 08:50
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/14/13

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved
 Sample Temperature upon receipt: Container Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	--	1
C19-C36 Aliphatics	ND		ug/l	100	--	1
C11-C22 Aromatics	ND		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	--	1
Naphthalene	ND		ug/l	10.0	--	1
2-Methylnaphthalene	ND		ug/l	10.0	--	1
Acenaphthylene	ND		ug/l	10.0	--	1
Acenaphthene	ND		ug/l	10.0	--	1
Fluorene	ND		ug/l	10.0	--	1
Phenanthrene	ND		ug/l	10.0	--	1
Anthracene	ND		ug/l	10.0	--	1
Fluoranthene	ND		ug/l	10.0	--	1
Pyrene	ND		ug/l	10.0	--	1
Benzo(a)anthracene	ND		ug/l	10.0	--	1
Chrysene	ND		ug/l	10.0	--	1
Benzo(b)fluoranthene	ND		ug/l	10.0	--	1
Benzo(k)fluoranthene	ND		ug/l	10.0	--	1
Benzo(a)pyrene	ND		ug/l	10.0	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	--	1
Benzo(ghi)perylene	ND		ug/l	10.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-03

Date Collected: 12/10/13 13:35

Client ID: TW103

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	44		40-140
o-Terphenyl	69		40-140
2-Fluorobiphenyl	83		40-140
2-Bromonaphthalene	82		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-04
 Client ID: MWX
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 100, VPH-04-1.1
 Analytical Date: 12/13/13 15:41
 Analyst: BS

Date Collected: 12/10/13 12:00
 Date Received: 12/12/13
 Field Prep: Not Specified

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
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		ug/l	50.0	--	1
C9-C12 Aliphatics	ND		ug/l	50.0	--	1
C9-C10 Aromatics	ND		ug/l	50.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	109		70-130
2,5-Dibromotoluene-FID	111		70-130

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325319-04
 Client ID: MWX
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Water
 Analytical Method: 98,EPH-04-1.1
 Analytical Date: 12/16/13 14:22
 Analyst: MW

Date Collected: 12/10/13 12:00
 Date Received: 12/12/13
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 12/13/13 08:50
 Cleanup Method1: EPH-04-1
 Cleanup Date1: 12/14/13

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
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Extractable Petroleum Hydrocarbons - Westborough Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
C9-C18 Aliphatics	ND		ug/l	100	--	1
C19-C36 Aliphatics	ND		ug/l	100	--	1
C11-C22 Aromatics	ND		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	--	1
Naphthalene	ND		ug/l	10.0	--	1
2-Methylnaphthalene	ND		ug/l	10.0	--	1
Acenaphthylene	ND		ug/l	10.0	--	1
Acenaphthene	ND		ug/l	10.0	--	1
Fluorene	ND		ug/l	10.0	--	1
Phenanthrene	ND		ug/l	10.0	--	1
Anthracene	ND		ug/l	10.0	--	1
Fluoranthene	ND		ug/l	10.0	--	1
Pyrene	ND		ug/l	10.0	--	1
Benzo(a)anthracene	ND		ug/l	10.0	--	1
Chrysene	ND		ug/l	10.0	--	1
Benzo(b)fluoranthene	ND		ug/l	10.0	--	1
Benzo(k)fluoranthene	ND		ug/l	10.0	--	1
Benzo(a)pyrene	ND		ug/l	10.0	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	--	1
Benzo(ghi)perylene	ND		ug/l	10.0	--	1

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-04

Date Collected: 12/10/13 12:00

Client ID: MWX

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	50		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 98,EPH-04-1.1
Analytical Date: 12/16/13 10:14
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 12/13/13 08:50
Cleanup Method1: EPH-04-1
Cleanup Date1: 12/14/13

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-04 Batch: WG658731-1					
C9-C18 Aliphatics	ND		ug/l	100	--
C19-C36 Aliphatics	ND		ug/l	100	--
C11-C22 Aromatics	ND		ug/l	100	--
C11-C22 Aromatics, Adjusted	ND		ug/l	100	--
Naphthalene	ND		ug/l	10.0	--
2-Methylnaphthalene	ND		ug/l	10.0	--
Acenaphthylene	ND		ug/l	10.0	--
Acenaphthene	ND		ug/l	10.0	--
Fluorene	ND		ug/l	10.0	--
Phenanthrene	ND		ug/l	10.0	--
Anthracene	ND		ug/l	10.0	--
Fluoranthene	ND		ug/l	10.0	--
Pyrene	ND		ug/l	10.0	--
Benzo(a)anthracene	ND		ug/l	10.0	--
Chrysene	ND		ug/l	10.0	--
Benzo(b)fluoranthene	ND		ug/l	10.0	--
Benzo(k)fluoranthene	ND		ug/l	10.0	--
Benzo(a)pyrene	ND		ug/l	10.0	--
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	--
Dibenzo(a,h)anthracene	ND		ug/l	10.0	--
Benzo(ghi)perylene	ND		ug/l	10.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	57		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	80		40-140

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 100, VPH-04-1.1

Analytical Date: 12/13/13 11:42

Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-04 Batch: WG659534-3					
C5-C8 Aliphatics	ND		ug/l	50.0	--
C9-C12 Aliphatics	ND		ug/l	50.0	--
C9-C10 Aromatics	ND		ug/l	50.0	--
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	--
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-04 Batch: WG658731-2 WG658731-3								
C9-C18 Aliphatics	66		72		40-140	9		25
C19-C36 Aliphatics	84		81		40-140	4		25
C11-C22 Aromatics	71		70		40-140	1		25
Naphthalene	58		62		40-140	7		25
2-Methylnaphthalene	63		66		40-140	5		25
Acenaphthylene	57		60		40-140	5		25
Acenaphthene	63		65		40-140	3		25
Fluorene	61		63		40-140	3		25
Phenanthrene	70		69		40-140	1		25
Anthracene	66		66		40-140	0		25
Fluoranthene	69		67		40-140	3		25
Pyrene	70		68		40-140	3		25
Benzo(a)anthracene	66		64		40-140	3		25
Chrysene	67		65		40-140	3		25
Benzo(b)fluoranthene	71		68		40-140	4		25
Benzo(k)fluoranthene	68		66		40-140	3		25
Benzo(a)pyrene	64		64		40-140	0		25
Indeno(1,2,3-cd)Pyrene	69		68		40-140	1		25
Dibenzo(a,h)anthracene	65		64		40-140	2		25
Benzo(ghi)perylene	67		65		40-140	3		25
Nonane (C9)	42		48		30-140	13		25

Lab Control Sample Analysis Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-04 Batch: WG658731-2 WG658731-3								
Decane (C10)	52		58		40-140	11		25
Dodecane (C12)	60		65		40-140	8		25
Tetradecane (C14)	63		68		40-140	8		25
Hexadecane (C16)	66		70		40-140	6		25
Octadecane (C18)	71		72		40-140	1		25
Nonadecane (C19)	72		73		40-140	1		25
Eicosane (C20)	75		75		40-140	0		25
Docosane (C22)	76		75		40-140	1		25
Tetracosane (C24)	74		74		40-140	0		25
Hexacosane (C26)	76		76		40-140	0		25
Octacosane (C28)	74		73		40-140	1		25
Triacontane (C30)	78		77		40-140	1		25
Hexatriacontane (C36)	75		74		40-140	1		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Chloro-Octadecane	67		68		40-140
o-Terphenyl	66		65		40-140
2-Fluorobiphenyl	78		77		40-140
2-Bromonaphthalene	78		76		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-04 Batch: WG659534-1 WG659534-2								
C5-C8 Aliphatics	86		85		70-130	1		25
C9-C12 Aliphatics	85		80		70-130	7		25
C9-C10 Aromatics	90		87		70-130	3		25
Benzene	85		82		70-130	3		25
Toluene	86		84		70-130	3		25
Ethylbenzene	88		85		70-130	3		25
p/m-Xylene	88		86		70-130	3		25
o-Xylene	89		87		70-130	3		25
Methyl tert butyl ether	91		92		70-130	1		25
Naphthalene	108		113		70-130	5		25
1,2,4-Trimethylbenzene	90		87		70-130	3		25
Pentane	85		84		70-130	1		25
2-Methylpentane	88		87		70-130	1		25
2,2,4-Trimethylpentane	86		84		70-130	2		25
n-Nonane	86		81		30-130	6		25
n-Decane	77		71		70-130	9		25
n-Butylcyclohexane	92		88		70-130	5		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-04 Batch: WG659534-1 WG659534-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	99		99		70-130
2,5-Dibromotoluene-FID	101		99		70-130

METALS

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-01

Date Collected: 12/10/13 14:55

Client ID: TW101

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:26	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:26	EPA 3005A	1,6010C	TT
Chromium, Total	ND		mg/l	0.010	--	1	12/13/13 08:39	12/13/13 18:26	EPA 3005A	1,6010C	TT
Lead, Total	ND		mg/l	0.0100	--	1	12/13/13 08:39	12/13/13 18:26	EPA 3005A	1,6010C	TT



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-02

Date Collected: 12/10/13 12:10

Client ID: TW102

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:30	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:30	EPA 3005A	1,6010C	TT
Chromium, Total	ND		mg/l	0.010	--	1	12/13/13 08:39	12/13/13 18:30	EPA 3005A	1,6010C	TT
Lead, Total	ND		mg/l	0.0100	--	1	12/13/13 08:39	12/13/13 18:30	EPA 3005A	1,6010C	TT



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-03

Date Collected: 12/10/13 13:35

Client ID: TW103

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:51	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:51	EPA 3005A	1,6010C	TT
Chromium, Total	ND		mg/l	0.010	--	1	12/13/13 08:39	12/13/13 18:51	EPA 3005A	1,6010C	TT
Lead, Total	ND		mg/l	0.0100	--	1	12/13/13 08:39	12/13/13 18:51	EPA 3005A	1,6010C	TT



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325319-04

Date Collected: 12/10/13 12:00

Client ID: MWX

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:55	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 18:55	EPA 3005A	1,6010C	TT
Chromium, Total	ND		mg/l	0.010	--	1	12/13/13 08:39	12/13/13 18:55	EPA 3005A	1,6010C	TT
Lead, Total	ND		mg/l	0.0100	--	1	12/13/13 08:39	12/13/13 18:55	EPA 3005A	1,6010C	TT



Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325319

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG658719-1									
Arsenic, Total	ND	mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 17:21	1,6010C	TT
Cadmium, Total	ND	mg/l	0.0050	--	1	12/13/13 08:39	12/13/13 17:21	1,6010C	TT
Chromium, Total	ND	mg/l	0.010	--	1	12/13/13 08:39	12/13/13 17:21	1,6010C	TT
Lead, Total	ND	mg/l	0.0100	--	1	12/13/13 08:39	12/13/13 17:21	1,6010C	TT

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325319**Project Number:** 111.06134.034**Report Date:** 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG658719-2								
Arsenic, Total	95		-		80-120	-		
Cadmium, Total	89		-		80-120	-		
Chromium, Total	90		-		80-120	-		
Lead, Total	94		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG658719-4 QC Sample: L1325270-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.114	95		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.0458	90		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.18	90		-	-		75-125	-		20
Lead, Total	ND	0.51	0.475	93		-	-		75-125	-		20

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent
 B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1325319-01A	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-01B	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-01C	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-01D	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-01E	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-01F	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-01G	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-01H	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-01I	Plastic 500ml HNO3 preserved	A	<2	3.3	Y	Absent	AS-TI(180),CR-TI(180),PB-TI(180),CD-TI(180)
L1325319-02A	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-02B	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-02C	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-02D	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-02E	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-02F	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-02G	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-02H	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-02I	Plastic 500ml HNO3 preserved	A	<2	3.3	Y	Absent	AS-TI(180),CR-TI(180),PB-TI(180),CD-TI(180)
L1325319-03A	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-03B	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-03C	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-03D	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-03E	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-03F	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-03G	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)

*Values in parentheses indicate holding time in days

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1325319-03H	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-03I	Plastic 500ml HNO3 preserved	A	<2	3.3	Y	Absent	AS-TI(180),CR-TI(180),PB-TI(180),CD-TI(180)
L1325319-04A	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-04B	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-04C	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260(14)
L1325319-04D	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-04E	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-04F	Vial HCl preserved	A	N/A	3.3	Y	Absent	VPH-10(14)
L1325319-04G	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-04H	Amber 1000ml HCl preserved	A	<2	3.3	Y	Absent	EPH-DELUX-10(14)
L1325319-04I	Plastic 500ml HNO3 preserved	A	<2	3.3	Y	Absent	AS-TI(180),CR-TI(180),PB-TI(180),CD-TI(180)
L1325319-05A	Vial HCl preserved	A	N/A	3.3	Y	Absent	HOLD(14)
L1325319-05B	Vial HCl preserved	A	N/A	3.3	Y	Absent	HOLD(14)

*Values in parentheses indicate holding time in days

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

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.
LCS D	- 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.
NI	- Not Ignitable.
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.

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

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.
- 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.

Report Format: Data Usability Report



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

Data Qualifiers

- 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.

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325319
Report Date: 12/17/13

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.

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

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

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.

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, SM4500CI-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.



ANALYTICAL REPORT

Lab Number:	L1325339
Client:	Ransom Consulting, Inc. 400 Commercial Street Suite 404 Portland, ME 04101-4660
ATTN:	Aaron Martin
Phone:	(207) 772-2891
Project Name:	MASKER'S THEATER & THOMPSON'S
Project Number:	111.06134.034
Report Date:	12/17/13

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), 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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1325339-01	SV101-A1-121113	45 FRONT ST, BELFAST, ME	12/11/13 10:40
L1325339-02	SV102-A1-121113	45 FRONT ST, BELFAST, ME	12/11/13 10:55
L1325339-03	SVDUP-A1-121113	45 FRONT ST, BELFAST, ME	12/11/13 11:00

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325339

Project Number: 111.06134.034

Report Date: 12/17/13

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	YES
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	YES
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES
A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	NO
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 6, 2013. The canister certification data is provided as an addendum.

Sample L1325339-01 and WG658919-5 Duplicate have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples.

MCP Related Narratives

Petroleum Hydrocarbons in Air

In reference to question G:

One or more of the target analytes did not achieve the requested CAM reporting limits.

Samples L1325339-01 through -03 All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

Sample L1325339-01: alpha-Pinene, Camphene, beta-Myrcene, beta-Pinene, alpha Phellandrene, Limonene, multiple Terpene isomers and an unknown Siloxane are present in the C9-C12 Aliphatic Hydrocarbon range. The responses for these analytes were not included in the calculation of the C9-C12 range result since they are not petroleum hydrocarbons.

Samples L1325339-02 and -03: Limonene and an unknown Siloxane are present in the C9-C12 Aliphatic Hydrocarbon range. The responses for these analytes were not included in the calculation of the C9-C12 range result since they are not petroleum hydrocarbons.

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: 12/17/13

AIR

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-01 D
 Client ID: SV101-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/13/13 22:13
 Analyst: RY

Date Collected: 12/11/13 10:40
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	22.6	5.00	--	38.9	8.61	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	2.11	2.00	--	4.67	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	25.0	--	ND	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	32.9	10.0	--	78.2	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	ND	2.00	--	ND	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-01 D Date Collected: 12/11/13 10:40
 Client ID: SV101-A1-121113 Date Received: 12/12/13
 Sample Location: 45 FRONT ST, BELFAST, ME Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	3.93	2.00	--	14.8	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	6.54	2.00	--	28.4	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325339-01 D

Date Collected: 12/11/13 10:40

Client ID: SV101-A1-121113

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-02
 Client ID: SV102-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/13/13 21:10
 Analyst: RY

Date Collected: 12/11/13 10:55
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	8.37	0.500	--	14.4	0.861	--		1
Dichlorodifluoromethane	0.544	0.200	--	2.69	0.989	--		1
Chloromethane	0.596	0.200	--	1.23	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.512	0.200	--	1.13	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	50.8	2.50	--	95.7	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.20	1.00	--	19.5	2.38	--		1
Trichlorofluoromethane	0.261	0.200	--	1.47	1.12	--		1
Isopropanol	7.43	0.500	--	18.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.202	0.200	--	0.629	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	0.200	--	ND	0.704	--		1
2-Butanone	0.882	0.200	--	2.60	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325339-02

Date Collected: 12/11/13 10:55

Client ID: SV102-A1-121113

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.334	0.200	--	1.18	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.249	0.200	--	0.795	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.244	0.200	--	0.840	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	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.846	0.200	--	3.19	0.754	--		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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.784	0.200	--	3.41	0.869	--		1
p/m-Xylene	3.89	0.400	--	16.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325339-02

Date Collected: 12/11/13 10:55

Client ID: SV102-A1-121113

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	0.410	0.200	--	1.75	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.77	0.200	--	7.69	0.869	--		1
4-Ethyltoluene	1.05	0.200	--	5.16	0.983	--		1
1,3,5-Trimethylbenzene	1.81	0.200	--	8.90	0.983	--		1
1,2,4-Trimethylbenzene	6.70	0.200	--	32.9	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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-03
 Client ID: SVDUP-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/13/13 21:41
 Analyst: RY

Date Collected: 12/11/13 11:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	8.12	0.500	--	14.0	0.861	--		1
Dichlorodifluoromethane	0.546	0.200	--	2.70	0.989	--		1
Chloromethane	0.555	0.200	--	1.15	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.506	0.200	--	1.12	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	51.7	2.50	--	97.4	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.44	1.00	--	22.4	2.38	--		1
Trichlorofluoromethane	0.244	0.200	--	1.37	1.12	--		1
Isopropanol	7.50	0.500	--	18.4	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.245	0.200	--	0.763	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	0.200	--	ND	0.704	--		1
2-Butanone	0.832	0.200	--	2.45	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-03 Date Collected: 12/11/13 11:00
 Client ID: SVDUP-A1-121113 Date Received: 12/12/13
 Sample Location: 45 FRONT ST, BELFAST, ME Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.444	0.200	--	1.56	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.248	0.200	--	0.792	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.612	0.200	--	2.11	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	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.879	0.200	--	3.31	0.754	--		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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.754	0.200	--	3.28	0.869	--		1
p/m-Xylene	3.67	0.400	--	15.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1



Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325339-03

Date Collected: 12/11/13 11:00

Client ID: SVDUP-A1-121113

Date Received: 12/12/13

Sample Location: 45 FRONT ST, BELFAST, ME

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	0.412	0.200	--	1.75	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.76	0.200	--	7.64	0.869	--		1
4-Ethyltoluene	1.34	0.200	--	6.59	0.983	--		1
1,3,5-Trimethylbenzene	2.23	0.200	--	11.0	0.983	--		1
1,2,4-Trimethylbenzene	8.51	0.200	--	41.8	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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325339

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/13/13 15:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG658919-4								
Propylene	ND	0.500	--	ND	0.861	--		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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325339

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/13/13 15:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG658919-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		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
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	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: MASKER'S THEATER & THOMPSON'S

Lab Number: L1325339

Project Number: 111.06134.034

Report Date: 12/17/13

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/13/13 15:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG658919-4								
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
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	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
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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658919-3								
Chlorodifluoromethane	90		-		70-130	-		
Propylene	93		-		70-130	-		
Propane	84		-		70-130	-		
Dichlorodifluoromethane	108		-		70-130	-		
Chloromethane	101		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	103		-		70-130	-		
Methanol	88		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Butane	90		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	97		-		70-130	-		
Ethyl Alcohol	92		-		70-130	-		
Dichlorofluoromethane	92		-		70-130	-		
Vinyl bromide	93		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	107		-		70-130	-		
Acetonitrile	91		-		70-130	-		
Trichlorofluoromethane	113		-		70-130	-		
iso-Propyl Alcohol	96		-		70-130	-		
Acrylonitrile	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658919-3								
Pentane	91		-		70-130	-		
Ethyl ether	91		-		70-130	-		
1,1-Dichloroethene	106		-		70-130	-		
tert-Butyl Alcohol	94		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
Vinyl acetate	106		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	111		-		70-130	-		
Ethyl Acetate	86		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
2,2-Dichloropropane	94		-		70-130	-		
1,2-Dichloroethane	106		-		70-130	-		
n-Hexane	95		-		70-130	-		
Isopropyl Ether	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658919-3								
Ethyl-Tert-Butyl-Ether	95		-		70-130	-		
1,1,1-Trichloroethane	120		-		70-130	-		
1,1-Dichloropropene	100		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	130		-		70-130	-		
Cyclohexane	95		-		70-130	-		
Tertiary-Amyl Methyl Ether	93		-		70-130	-		
Dibromomethane	95		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	108		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	106		-		70-130	-		
2,2,4-Trimethylpentane	94		-		70-130	-		
Methyl methacrylate	112		-		70-130	-		
Heptane	100		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	102		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	93		-		70-130	-		
1,3-Dichloropropane	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658919-3								
2-Hexanone	98		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		
Butyl Acetate	90		-		70-130	-		
Octane	86		-		70-130	-		
Tetrachloroethene	99		-		70-130	-		
1,1,1,2-Tetrachloroethane	92		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
Bromoform	87		-		70-130	-		
Styrene	86		-		70-130	-		
1,1,1,2-Tetrachloroethane	88		-		70-130	-		
o-Xylene	92		-		70-130	-		
1,2,3-Trichloropropane	76		-		70-130	-		
Nonane (C9)	89		-		70-130	-		
Isopropylbenzene	79		-		70-130	-		
Bromobenzene	72		-		70-130	-		
o-Chlorotoluene	72		-		70-130	-		
n-Propylbenzene	72		-		70-130	-		
p-Chlorotoluene	74		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658919-3								
4-Ethyltoluene	71		-		70-130	-		
1,3,5-Trimethylbenzene	84		-		70-130	-		
tert-Butylbenzene	81		-		70-130	-		
1,2,4-Trimethylbenzene	86		-		70-130	-		
Decane (C10)	81		-		70-130	-		
Benzyl chloride	74		-		70-130	-		
1,3-Dichlorobenzene	81		-		70-130	-		
1,4-Dichlorobenzene	81		-		70-130	-		
sec-Butylbenzene	73		-		70-130	-		
p-Isopropyltoluene	75		-		70-130	-		
1,2-Dichlorobenzene	84		-		70-130	-		
n-Butylbenzene	86		-		70-130	-		
1,2-Dibromo-3-chloropropane	103		-		70-130	-		
Undecane	101		-		70-130	-		
Dodecane (C12)	111		-		70-130	-		
1,2,4-Trichlorobenzene	120		-		70-130	-		
Naphthalene	100		-		70-130	-		
1,2,3-Trichlorobenzene	100		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG658919-5 QC Sample: L1325339-01 Client ID: SV101-A1-121113						
Propylene	22.6	22.1	ppbV	2		25
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	2.11	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	32.9	32.2	ppbV	2		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		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
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG658919-5 QC Sample: L1325339-01 Client ID: SV101-A1-121113					
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	ND	ND	ppbV	NC	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	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	ND	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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG658919-5 QC Sample: L1325339-01 Client ID: SV101-A1-121113					
Heptane	ND	ND	ppbV	NC	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	3.93	3.60	ppbV	9	25
2-Hexanone	ND	ND	ppbV	NC	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	6.54	6.02	ppbV	8	25
p/m-Xylene	ND	ND	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: MASKER'S THEATER & THOMPSON'S

Project Number: 111.06134.034

Lab Number: L1325339

Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG658919-5 QC Sample: L1325339-01 Client ID: SV101-A1-121113					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	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
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-01 D
 Client ID: SV101-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 96,APH
 Analytical Date: 12/13/13 22:13
 Analyst: RY

Date Collected: 12/11/13 10:40
 Date Received: 12/12/13
 Field Prep: Not Specified

Quality Control Information

Sample Type: 30 Minute Composite
 Sample Container Type: Canister - 2.7 Liter
 Sampling Flow Controller: Mechanical
 Sampling Zone: Unknown
 Sampling Flow Meter RPD of pre & post-sampling calibration check: <=20%
 Were all QA/QC procedures REQUIRED by the method followed? Yes
 Were all performance/acceptance standards for the required procedures achieved? Yes
 Were significant modifications made to the method as specified in Sect 11.1.2? No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	20	--	10
Methyl tert butyl ether	ND		ug/m3	20	--	10
Benzene	ND		ug/m3	20	--	10
C5-C8 Aliphatics, Adjusted	140		ug/m3	120	--	10
Toluene	ND		ug/m3	20	--	10
Ethylbenzene	28		ug/m3	20	--	10
p/m-Xylene	ND		ug/m3	40	--	10
o-Xylene	33		ug/m3	20	--	10
Naphthalene	ND		ug/m3	20	--	10
C9-C12 Aliphatics, Adjusted	ND		ug/m3	140	--	10
C9-C10 Aromatics Total	1300		ug/m3	100	--	10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		50-200
Bromochloromethane	97		50-200
Chlorobenzene-d5	90		50-200

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

SAMPLE RESULTS

Lab ID: L1325339-02
 Client ID: SV102-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 96,APH
 Analytical Date: 12/13/13 21:10
 Analyst: RY

Date Collected: 12/11/13 10:55
 Date Received: 12/12/13
 Field Prep: Not Specified

Quality Control Information

Sample Type: 30 Minute Composite
 Sample Container Type: Canister - 2.7 Liter
 Sampling Flow Controller: Mechanical
 Sampling Zone: Unknown
 Sampling Flow Meter RPD of pre & post-sampling calibration check: <=20%
 Were all QA/QC procedures REQUIRED by the method followed? Yes
 Were all performance/acceptance standards for the required procedures achieved? Yes
 Were significant modifications made to the method as specified in Sect 11.1.2? No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	80		ug/m3	12	--	1
Toluene	3.2		ug/m3	2.0	--	1
Ethylbenzene	3.4		ug/m3	2.0	--	1
p/m-Xylene	17		ug/m3	4.0	--	1
o-Xylene	7.8		ug/m3	2.0	--	1
Naphthalene	9.2		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	1200		ug/m3	14	--	1
C9-C10 Aromatics Total	180		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		50-200
Bromochloromethane	97		50-200
Chlorobenzene-d5	88		50-200

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13**SAMPLE RESULTS**

Lab ID: L1325339-03
 Client ID: SVDUP-A1-121113
 Sample Location: 45 FRONT ST, BELFAST, ME
 Matrix: Soil_Vapor
 Analytical Method: 96,APH
 Analytical Date: 12/13/13 21:41
 Analyst: RY

Date Collected: 12/11/13 11:00
 Date Received: 12/12/13
 Field Prep: Not Specified

Quality Control Information

Sample Type: 30 Minute Composite
 Sample Container Type: Canister - 2.7 Liter
 Sampling Flow Controller: Mechanical
 Sampling Zone: Unknown
 Sampling Flow Meter RPD of pre & post-sampling calibration check: <=20%
 Were all QA/QC procedures REQUIRED by the method followed? Yes
 Were all performance/acceptance standards for the required procedures achieved? Yes
 Were significant modifications made to the method as specified in Sect 11.1.2? No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	76		ug/m3	12	--	1
Toluene	3.5		ug/m3	2.0	--	1
Ethylbenzene	3.2		ug/m3	2.0	--	1
p/m-Xylene	16		ug/m3	4.0	--	1
o-Xylene	7.8		ug/m3	2.0	--	1
Naphthalene	7.8		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	1200		ug/m3	14	--	1
C9-C10 Aromatics Total	210		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	93		50-200

Project Name: MASKER'S THEATER & THOMPSON'S**Lab Number:** L1325339**Project Number:** 111.06134.034**Report Date:** 12/17/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 96,APH
 Analytical Date: 12/13/13 15:40
 Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbons in Air - Mansfield Lab for sample(s): 01-03 Batch: WG658921-4					
1,3-Butadiene	ND		ug/m3	2.0	--
Methyl tert butyl ether	ND		ug/m3	2.0	--
Benzene	ND		ug/m3	2.0	--
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--
Toluene	ND		ug/m3	2.0	--
Ethylbenzene	ND		ug/m3	2.0	--
p/m-Xylene	ND		ug/m3	4.0	--
o-Xylene	ND		ug/m3	2.0	--
Naphthalene	ND		ug/m3	2.0	--
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--
C9-C10 Aromatics Total	ND		ug/m3	10	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG658921-3								
1,3-Butadiene	94		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
Benzene	96		-		70-130	-		
C5-C8 Aliphatics, Adjusted	97		-		70-130	-		
Toluene	92		-		70-130	-		
Ethylbenzene	90		-		70-130	-		
p/m-Xylene	93		-		70-130	-		
o-Xylene	93		-		70-130	-		
Naphthalene	131		-		50-150	-		
C9-C12 Aliphatics, Adjusted	103		-		70-130	-		
C9-C10 Aromatics Total	76		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASKER'S THEATER & THOMPSON'S

Project Number: 111.06134.034

Lab Number: L1325339

Report Date: 12/17/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG658921-5 QC Sample: L1325105-01 Client ID: DUP Sample						
1,3-Butadiene	ND	ND	ug/m3	NC		30
Methyl tert butyl ether	ND	ND	ug/m3	NC		30
Benzene	2.4	2.6	ug/m3	8		30
C5-C8 Aliphatics, Adjusted	170	180	ug/m3	6		30
Toluene	16	16	ug/m3	0		30
Ethylbenzene	2.4	2.3	ug/m3	4		30
p/m-Xylene	7.9	7.8	ug/m3	1		30
o-Xylene	2.7	2.6	ug/m3	4		30
Naphthalene	ND	ND	ug/m3	NC		30
C9-C12 Aliphatics, Adjusted	75	74	ug/m3	1		30
C9-C10 Aromatics Total	15	16	ug/m3	6		30

Project Name: MASKER'S THEATER & THOMPSON'S

Serial_No:12171317:11
Lab Number: L1325339

Project Number: 111.06134.034

Report Date: 12/17/13

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 Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1325339-01	SV101-A1-121113	0441	#30 SV	12/06/13	96497		-	-	-	Pass	67	74	10
L1325339-01	SV101-A1-121113	339	2.7L Can	12/06/13	96497	L1323648-01	Pass	-29.6	-1.0	-	-	-	-
L1325339-02	SV102-A1-121113	0309	#90 SV	12/06/13	96497		-	-	-	Pass	72	80	11
L1325339-02	SV102-A1-121113	355	2.7L Can	12/06/13	96497	L1323648-01	Pass	-29.5	-0.8	-	-	-	-
L1325339-03	SVDUP-A1-121113	0283	#90 SV	12/06/13	96497		-	-	-	Pass	70	77	10
L1325339-03	SVDUP-A1-121113	463	2.7L Can	12/06/13	96497	L1323648-01	Pass	-28.8	-0.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 11/21/13 18:53
 Analyst: RY

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	2.50	--	ND	4.71	--		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	0.200	--	ND	0.434	--		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
Project Number: CANISTER QC BAT

Lab Number: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		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	0.200	--	ND	0.590	--		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: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	0.200	--	ND	0.820	--		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: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
Project Number: CANISTER QC BAT

Lab Number: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01 Date Collected: 11/19/13 17:22
 Client ID: CAN 366 SHELF 7 Date Received: 11/20/13
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 11/21/13 18:53
 Analyst: RY

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		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	2.00	--	ND	4.75	--		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	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		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	0.020	--	ND	0.072	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1323648

Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
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	0.020	--	ND	0.092	--		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	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	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	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1323648
Report Date: 12/17/13

Air Canister Certification Results

Lab ID: L1323648-01
 Client ID: CAN 366 SHELF 7
 Sample Location:

Date Collected: 11/19/13 17:22
 Date Received: 11/20/13
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
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	94		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1323648**Project Number:** CANISTER QC BAT**Report Date:** 12/17/13**AIR CAN CERTIFICATION RESULTS**

Lab ID: L1323648-01
Client ID: CAN 366 SHELF 7
Sample Location: Not Specified
Matrix: Air
Analytical Method: 96,APH
Analytical Date: 11/25/13 20:04
Analyst: MB

Date Collected: 11/19/13 17:22
Date Received: 11/20/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Toluene	ND		ug/m3	2.0	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1325339-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1325339-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	APH-10(30),TO15-LL(30)
L1325339-03A	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: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

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.
LCS D	- 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.
NI	- Not Ignitable.
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.

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

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.
- 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.

Report Format: Data Usability Report



Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

Data Qualifiers

- 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.

Project Name: MASKER'S THEATER & THOMPSON'S
Project Number: 111.06134.034

Lab Number: L1325339
Report Date: 12/17/13

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

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

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.

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, SM4500CI-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

CHAIN OF CUSTODY

PAGE 1 OF 3

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Ransom Consulting
 Address: 400 Commercial St. Suite 400
Portland, ME 04101
 Phone: 207-772-2891
 Fax: 207-772-3248
 Email: amarth@ransomenv.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name: Masters Thode + Thompson's
 Project Location: 45 Front St., Belmont, ME
 Project #: 111.06134.034
 Project Manager: Aaron Martin
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
 Date Due: 3-DAY Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX
 ADEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: MEDEP EDD
 Report to: (if different than Project Manager)

ALPHA Job #: L1325339

Billing Information

Same as Client info PO #: 6117

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
MEDEP	RAGS	

Other Project Specific Requirements/Comments: * MEDEP / USEPA Brownfields Project
* MEDEP EDD Required

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection					Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS						Sample Comments (i.e. PID)
		Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	
<u>25339 01</u>	<u>SV101-A1-121113</u>	<u>12/11/13</u>	<u>1015</u>	<u>1040</u>	<u>-29.6</u>		<u>SV</u>	<u>ARM</u>	<u>2.7</u>	<u>339</u>	<u>441</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>25.4 ppm</u>	
<u>02</u>	<u>SV102-A1-121113</u>	<u>12/11/13</u>	<u>1020</u>	<u>1055</u>	<u>-29.5</u>	<u>-2.97</u>	<u>SV</u>	<u>ARM</u>	<u>2.7</u>	<u>355</u>	<u>309</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>8.7 ppm</u>	
<u>03</u>	<u>SV DUP-A1-121113</u>	<u>12/11/13</u>	<u>1025</u>	<u>1100</u>	<u>-28.8</u>	<u>-3.01</u>	<u>SV</u>	<u>ARM</u>	<u>2.7</u>	<u>463</u>	<u>283</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>-</u>	

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type CS

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.

Relinquished By: <u>[Signature]</u>	Date/Time: <u>12/12/13 12:20</u>	Received By: <u>[Signature]</u>	Date/Time: <u>12/12/13 12:30</u>
	<u>12/13/13 04:00</u>	<u>Mansfield lab</u>	<u>12/13/13 04:00</u>

APPENDIX C

Hazardous Materials Inventory

Phase II Environmental Site Assessment
Masker's Theater & Thompson's Wharf
45 Front Street (Tax Map 11, Lot 136)
Belfast, Maine

January 15, 2014

Project 111.06134.034

Mr. Thomas Kittredge, Economic Development Director
City of Belfast, Maine
131 Church Street
Belfast, Maine

RE: Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Dear Mr. Kittredge:

Ransom Consulting, Inc. (Ransom) has prepared this report presenting the results of the Hazardous Materials Inventory (HMI) performed at the above-referenced property (the Site). The work performed by Ransom was authorized by the City of Belfast using the United States Environmental Protection Agency (U.S. EPA) Brownfields funding, under the City of Belfast's Brownfields Assessment Grant No. BF-96151001-0. This report has been prepared for the City of Belfast per our fully executed Site-Specific Quality Assurance Project Plan (SSQAPP), dated December 9, 2013. The HMI included sampling for asbestos-containing materials, a survey of lead-based paint, 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 and 2. A photograph log documenting our key findings is included as Attachment A.

EXECUTIVE SUMMARY

Ransom understands that the Site is to be redeveloped by the City, which will include the demolition and removal of the structures currently on the property. Given the age and construction of the buildings on Site, there is potential for asbestos-containing materials (ACM), and lead-based paint (LBP) to be present. 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 conducted on December 11, 2013. Based on the results of this inspection, Ransom draws the following conclusions:

1. Asbestos-containing materials were identified at the Site. Materials identified as ACM are presented in Table 1, and must be properly removed and disposed of prior to demolition. Additional building materials were identified with trace amounts of asbestos (less than one percent). These materials are also identified in Table 1, but they are not regulated by the U.S. EPA or the State of Maine. However, removal of these materials is still considered "unclassified asbestos work" by the Occupational Safety and Health Administration (OSHA).

Mr. Thomas Kittredge, Economic Development Director
City of Belfast, Maine

2. Some painted surfaces inspected contained lead at high enough concentrations to define them as as LBP, according to U.S. Housing and Urban Development (HUD) guidelines. These guidelines apply to federal housing projects and are referenced for comparison purposes only. 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. Ransom inventoried items at the Site during the course of this investigation that are known or assumed to contain polychlorinated biphenyls (PCBs), mercury, and heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements.

FACILITY DESCRIPTION

The Site is located at 45 Front Street in Belfast, Maine. The Site is currently developed with two structures, a pedestrian walkway, asphalt-paved parking areas and driveways, and limited landscaping. Structures on site include:

1. Masker's Theater – An approximately 4,000-square-foot, one- and two-story wooden structure constructed on concrete pilings with no basement and built in various stages between circa 1870 and circa 1900. The building was originally constructed by Bangor and Moosehead Lake Railroad (B&MLRR) as a freight house and office, then was utilized as a theater, and has been vacant since 2011; and
2. Concrete Building – An approximately 900-square-foot single-story, concrete-block, warehouse-type building that was constructed circa 1951 on a dirt floor with no basement. The building is located at the southwestern portion of the Site and was originally constructed for locomotive storage by the former Site owner (B&MLRR). The building is occasionally utilized for miscellaneous storage by the City of Belfast. A boat with labeling of the Belfast Harbormaster was observed inside the Concrete Building at the time of our investigation.

LIMITATIONS

This hazardous materials inventory is subject to certain limitations, which must be considered when interpreting the results. Only a fully destructive survey, in which the inspector has complete access to all areas of the Site, will be able to identify most potentially hazardous materials associated with a facility. Circuit boxes, wire sheathing, and other electrical components may have insulators that contain asbestos. These materials were not evaluated due to the risk of electrical shock.

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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. This survey was conducted utilizing semi -destructive inspection and sampling methodologies. Additional materials may be present in concealed areas (wall cavities, subflooring layers, etc.), which were not accessible or observed as part of our inspection. If additional suspect ACM are discovered during demolition activities, which are not identified in this report, additional sampling may be warranted in order to maintain a fully compliant survey;
2. The conclusions presented in this report represent the professional judgment of Ransom, based on the data obtained from the work, the site conditions encountered at the time the work was performed, and our experience with similar types of buildings and hazardous building materials present; and
3. Our inspection was conducted on behalf of the City of Belfast, specifically for the demolition project currently under consideration, and is representative of conditions observed at the time of this report. No reliance shall be made by other users, for additional purposes, or for future demolition/ renovation projects at the Site building.

HISTORICAL DOCUMENTATION

Ransom was not provided with prior reports documenting the presence, 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 December 11, 2013. The scope of the ACM inspection included the identification and quantification of accessible suspect building materials on the building interiors and exteriors. The inspection was conducted by Lucas Hathaway of Ransom, who is certified by the State of Maine and accredited by the U.S. EPA as an asbestos inspector. Copies of Mr. Hathaway's most recent training certificate and state asbestos inspector certification are provided as Attachment C.

In the State of Maine, OSHA, the U.S. EPA, and the State of Maine Department of Environmental Protection (ME DEP) 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

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containing more than one percent asbestos.” ME DEP 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, 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 with gravimetric reduction method (GRM).

Samples were analyzed by Optimum Analytical and Consulting, LLC of Salem, New Hampshire (Optimum). 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 C. Laboratory analysis of bulk samples identified ACM on site.

The ME DEP 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. The following materials identified during Ransom’s investigation fall within this range:

1. Window glaze (sample set C-01, Storage Building, 1.1% chrysotile);
2. Asphalt roof membrane (sample set 01, Masker’s Theater upper roof, 3.2% chrysotile);
3. Built-up roofing (sample set 02, Masker’s Theater upper roof, 3.4% chrysotile);
4. Flashing sealant (sample set 03, Masker’s Theater upper roof, 5.9% chrysotile);
5. Built-up roofing (sample set 04, Masker’s Theater main roof, 7.7% chrysotile);
6. Flashing sealant (sample set 05, Masker’s Theater main roof, 1.9% chrysotile);
7. Asphalt rolled roofing (sample set 06, Masker’s Theater addition roof, 1.2% chrysotile);
and
8. Rolled roofing sealant (sample set 07, Masker’s Theater addition roof, 3.1% chrysotile).

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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 2. A copy of the laboratory analytical report can be found as Attachment E.

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 the proposed 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.

Building materials containing trace amounts of asbestos (less than one percent) are not regulated by the U.S. EPA or the State of Maine; however, removal of building materials with less than one percent asbestos is considered by OSHA as “unclassified asbestos work” and certain OSHA requirements under the *Asbestos in Construction* standard (29 CFR 1926.1101) are applicable. General demolition contractors may remove these materials provided that applicable OSHA requirements are employed, which include notification of workers of the presence of ACM, wet removal methods, prompt clean-up and disposal in leak-tight containers, and personal exposure monitoring.

Asbestos-containing roof materials are exempt from ME DEP 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 recommended that State of Maine-licensed asbestos abatement contractors conduct the removal of ACM roofing materials. Asbestos-containing waste generated from this project would be considered a “special waste” and require disposal in a landfill permitted to accept asbestos.

QUALITY ASSURANCE/QUALITY CONTROL

Bulk asbestos samples were analyzed by Optimum Analytical and Consulting, LLC of Salem, New Hampshire (Optimum). Optimum provided analysis and data according to standard operating protocols and laboratory data validation guidance included in Ransom’s SSQAPP for the Masker’s Theater and Thompson’s Wharf site (RFA No. 08243, Addendum 30, Revision 0 to Ransom’s Generic Quality Assurance Project Plan for Brownfield Sites in Maine). Optimum 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.

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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 were submitted to the laboratory in accordance with State of 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 21 distinct suspect ACM were submitted for triplicate laboratory analysis, 13 of which tested negative for asbestos. Of these 13 samples testing negative for asbestos, each of the corresponding triplicate analyses were also consistently non-detect.

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) are not required protocols of U.S. EPA Method 600, and were not employed during laboratory analysis. Therefore, no determination of laboratory bias was assessed.

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 laboratory did not provide quality control criteria such as calibration and calibration verification, surrogate recovery, holding time and method accuracy/precision for analysis. Ransom assumed that unless specifically noted in a non-conformance summary, all of the quality control criteria for these analyses were within acceptable limits. The laboratory data sheets did not provide specific comments.

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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.

LEAD-BASED PAINT

Ransom's inspector Mr. Lucas Hathaway also conducted an inspection for the presence of LBP, using a direct-reading XRF analyzer manufactured by Innov-X. The inspection included XRF readings collected from walls, windows, doors, casings/jambs, and other miscellaneous surfaces on a variety of substrates including wood, metal, concrete, and drywall. Please note that the LBP sampling conducted during this HMI does not constitute a U.S. EPA/HUD-compliant lead survey.

Ransom collected a total of 45 XRF readings for lead content from various building components and surfaces at the Site. XRF readings ranged from below the instrument's detection limit (BDL) to 4.01 milligrams per square centimeter (mg/cm²). Sample results are provided in Table 2.

Lead was detected on painted surfaces at the Site. 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.

HUD has established a standard for characterizing LBP as any paint containing 1.0 milligram per square centimeter (mg/cm²) lead as tested using an x-ray fluorescence (XRF) analyzer, or 0.5 percent lead by

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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/cm² 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.

The U.S. EPA *Renovation, Repair and Painting Rule* (the RRP Rule) as outlined in 40 CFR 745 applies to housing and child-occupied facilities built before 1978. Neither of the Site buildings meets these criteria; therefore, the RRP Rule is not applicable to the proposed redevelopment of the Site.

Lead waste, including LBP waste in construction and demolition (C&D) debris, with the exception of household waste, may be subject to the hazardous waste requirements of the U.S. EPA’s *Resource Conservation and Recovery Act* (RCRA) and Maine’s Hazardous Waste Regulations. To determine the required method for the disposal of items that are coated with LBP and are not household waste, the U.S. EPA and the ME DEP 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) must 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 is advisable.

OTHER HAZARDOUS AND POTENTIALLY HAZARDOUS MATERIALS

An inventory of all other hazardous and potentially hazardous materials identified at the Site can be found in Table 5.

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 a total of 23 fluorescent light ballasts inside the Site buildings 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. When a “No PCBs” label is not observed, Ransom must presume that those fluorescent light ballasts contain PCBs.

Ransom recommends that ballasts be inspected for the “No PCBs” label prior to demolition. Fluorescent light ballasts without the “No PCBs” label are presumed to contain PCBs and should be managed as

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hazardous waste and recycled or disposed of in accordance with applicable federal and state regulations. The cost of disposal of these ballasts (approximately \$12 each) is several times less than the cost of testing the capacitor fluid for PCB content (approximately \$75 each).

Additional building materials (window caulks, glazes, etc.) were not sampled for PCB content, as part of this HMI and per Ransom's approved SSQAPP for this project. Based on our observations, windows in the Site Buildings appear to be original to the structures (constructed circa 1870 and circa 1951) and the buildings were not utilized for governmental/institutional use, which, historically, had the highest rate of PCB-caulking applications. Since the construction dates of these buildings pre-date the use of PCBs in window caulking and the buildings were not utilized for governmental/institutional use, it is not anticipated that PCB-containing window caulk is present at the Site.

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 46 fluorescent light tubes (FLT) and five thermostat switches that may contain mercury.

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.

Heavy Metals

Ransom identified seven emergency lights and exit signs that are typically powered by batteries containing various heavy metals. Components 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.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this HMI, Ransom makes the following conclusions and recommendations.

1. Asbestos-containing materials were identified at the Site. Materials identified as ACM must be properly removed and disposed of prior to demolition. Additional suspect materials may also be present.
2. Some of the materials inspected contained lead at high enough concentrations to delineate the materials as "lead-based" according to U.S. Housing and Urban Development (HUD) guidelines. These guidelines apply to federal housing projects and are referenced for

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comparison purposes only. It should be noted that handling of components coated with paint containing lead *at any concentration* (referred to as lead-containing paint) requires compliance with OSHA's lead standards.

3. Ransom inventoried items at the Site during the course of this investigation that may contain PCBs, mercury, and heavy metals. Any of these items that may be impacted by the proposed demolition should be removed from the Site and properly recycled or disposed of in accordance with applicable federal and state regulations prior to demolition.

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 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 be managed in place, and may not require removal, as long as it remains intact, undamaged, and in good condition.

Line-item cost estimates for these materials are provided in Tables 4, 5, and 6. **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.

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.


Lucas D. Hathaway
Project Scientist

LDH/PJS jsh
Attachments


Peter J. Sherr
Senior Project Manager/
Belfast Brownfields Program Manager

TABLE 1: ASBESTOS TESTING RESULTS
Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Material	Location	Sample Number	Asbestos Quantity and Type ^[1]	Estimated Quantity ^[2]
Concrete Building				
Window Glaze	Interior	C-01A	1.1% Chrysotile	4 Each
		C-01B & C-01C	NA/PS	
Window Caulk	Interior	C-02A	<1% Chrysotile	--
		C-02B	<1% Chrysotile	--
		C-02C	<1% Chrysotile	--
Masks Theater Building				
Asphalt Roof Membrane	Upper roof	01A	3.2% Chrysotile	850 SF
		01B & 01C	NA/PS	
Built-up roofing core cut		02A	3.4% Chrysotile	
		02B & 02C	NA/PS	
Flashing sealant		03A	5.9% Chrysotile	118 LF
		03B & 03C	NA/PS	
Built-up roofing core cut	Main roof	04A	7.7% Chrysotile	2,675 SF
		04B & 04C	NA/PS	
Flashing sealant		05A	1.9% Chrysotile	264 LF
		05B & 05C	NA/PS	
Asphalt rolled roofing	Addition roof	06A	1.2% Chrysotile	345 SF
		06B & 06C	NA/PS	
Rolled roofing sealant		07A	3.1% Chrysotile	76 LF
		07B & 07C	NA/PS	
Window glaze type 1, white	Exterior	08A	<1% Chrysotile	--
		08B	<1% Chrysotile	--
		08C	<1% Chrysotile	--

NOTES:

1. Samples were collected December 11, 2013 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 one percent. For example, since asbestos was identified in Sample C-01A at 1.1 percent, Samples C-01B and C-01C were not analyzed. NAD = no asbestos detected.
3. SF = Square Feet. LF = Linear Feet. PACM = Presumed ACM; these are suspect materials that were identified on site but not sampled; PACM must be treated as ACM until laboratory testing can confirm or dismiss.

TABLE 1: ASBESTOS TESTING RESULTS
Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Material	Location	Sample Number	Asbestos Quantity and Type^[1]	Estimated Quantity^[2]
Window glaze type 2, gray	Exterior	09A through 09C	NAD	--
Siding paper	Exterior	10A through 10C	NAD	--
Drywall	Theater section	11A through 11C	NAD	--
Joint compound	Theater section	12A through 12C	NAD	--
Carpet adhesive	Theater section	13A through 13C	NAD	--
Drywall	Main section	14A through 14C	NAD	--
Joint compound	Main section	15A through 15C	NAD	--
1x1 acoustic ceiling tile	Main section	16A through 16C	NAD	--
Blown-in insulation	Main section	17A through 17C	NAD	--
Carpet adhesive	Main section	18A through 18C	NAD	--
Gray/brown sheet flooring	Main section	19A through 19C	NAD	--

NOTES:

1. Samples were collected December 11, 2013 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 one percent. For example, since asbestos was identified in Sample C-01A at 1.1 percent, Samples C-01B and C-01C were not analyzed. NAD = no asbestos detected.
3. SF = Square Feet. LF = Linear Feet. *PACM* = Presumed ACM; these are suspect materials that were identified on site but not sampled; *PACM* must be treated as ACM until laboratory testing can confirm or dismiss.

TABLE 2: LEAD-BASED PAINT TESTING RESULTS

Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Color/Substrate/Component	Location	Lead Concentration (mg/cm ²)
<i>Concrete Building</i>		
Green concrete masonry unit wall	Exterior	0.09
Green concrete masonry unit wall	Exterior	1.57⁽⁴⁾
Red concrete masonry unit wall	Exterior	0.04
White wood window panel	Exterior	BDL
<i>Masker's Theater Building - Exterior</i>		
Red wood clapboard	Exterior, main building	BDL
Green metal door	Exterior, main building	BDL
Green wood porch rail	Exterior, main building	BDL
Red wood clapboard	Exterior, main building	4.01
White wood corner trim	Exterior, main building	3.99
Red plywood door panel	Exterior, main building	BDL
Red wood clapboard	Exterior, main building	0.62
White wood corner trim	Exterior, main building	0.04
Red wood siding	Exterior, addition	BDL
Red wood siding	Exterior, addition	BDL
Red clapboard siding	Exterior, main building	2.63
Gray wood door trim	Exterior, main building	BDL
Green metal door	Exterior, main building	BDL
Red wood clapboard	Exterior, main building	BDL
Gray wood window sash	Exterior, main building	BDL
<i>Masker's Theater Building - Interior</i>		
Black wood wall	Theater section	BDL
Black drywall wall	Theater section	BDL
Black drywall ceiling	Theater section	BDL
Black wood rail	Theater section	BDL
Black wood wall	Theater section	0.19

NOTES:

1. Samples were analyzed on December 11, 2013, 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). Concentrations exceeding the HUD threshold concentration are shown in **bold**.
3. BDL = Below instrument detection limit (0.01 mg/cm²)
4. Previous paint in small patches; see photo.

TABLE 2: LEAD-BASED PAINT TESTING RESULTS

Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Color/Substrate/Component	Location	Lead Concentration (mg/cm ²)
Black drywall wall	Theater section	0.01
Black wood hand rail	Theater section	BDL
Brown wood floor	Theater section, stage	BDL
Brown wood floor	Theater section, stage	BDL
White wood door	Second floor	0.24
Yellow drywall wall	Second floor	BDL
Purple drywall wall	Second floor	BDL
White drywall ceiling	Second floor	BDL
White wood wainscot	Second floor	0.02
White drywall wall	Second floor	BDL
White wood window sill	Second floor	0.04
White wood window casing	Second floor	0.09
Blue wood wainscot	Second floor	0.05
White wood door	Second floor	0.05
Green metal door	First floor	BDL
Yellow drywall wall	First floor	BDL
Red wood wall	First floor	0.33
White drywall ceiling	First floor	BDL
White drywall wall	First floor	BDL
Brown wood column	First floor	1.24
Brown wood column	First floor	1.25

NOTES:

1. Samples were analyzed on December 11, 2013, 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). Concentrations exceeding the HUD threshold concentration are shown in **bold**.
3. BDL = Below instrument detection limit (0.01 mg/cm²)
4. Previous paint in small patches; see photo.

TABLE 3: INVENTORY OF OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS
 Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Component	Hazard	Location	Quantity
<i>Concrete Building</i>			
Fluorescent light ballasts	PCBs	Throughout	4
Fluorescent light tubes	Mercury	Throughout	8
Thermostat switches	Mercury	Throughout	1
<i>Masker's Theater Building</i>			
Fluorescent light ballasts	PCBs	Throughout	19
Fluorescent light tubes	Mercury	Throughout	38
Thermostat switches	Mercury	Throughout	4
Batteries associated with emergency lights and exit signs	Heavy metals	Throughout	7

TABLE 4: REMOVAL COST ESTIMATE FOR CONFIRMED/PRESUMED ASBESTOS-CONTAINING MATERIALS

Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Material	Quantity¹	Unit Cost	Total
Window Glaze	4 Each	\$200	\$800
Asphalt built-up roofing	3,525 SF	\$5	\$17,625
Asphalt rolled roofing	345 SF	\$4	\$1,380
Roof flashing sealant	458 SF	\$10	\$4,580
<i>Confirmed/Presumed Asbestos Abatement Subtotal:</i>			\$24,385
<i>Contingenc²:</i>			\$2,400
<i>Estimated Consultant Fee⁴:</i>			\$4,800
TOTAL ESTIMATED ASBESTOS ABATEMENT COST:			\$31,585

NOTES:

1. SF = Square Feet; LF = Linear Feet
2. A 10% contingency is added to cover potential hidden costs and market variability.
3. A 20% consultant fee is added to cover the costs of abatement design, oversight, and final air clearances.

TABLE 5: REMOVAL COST ESTIMATE FOR OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS

Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

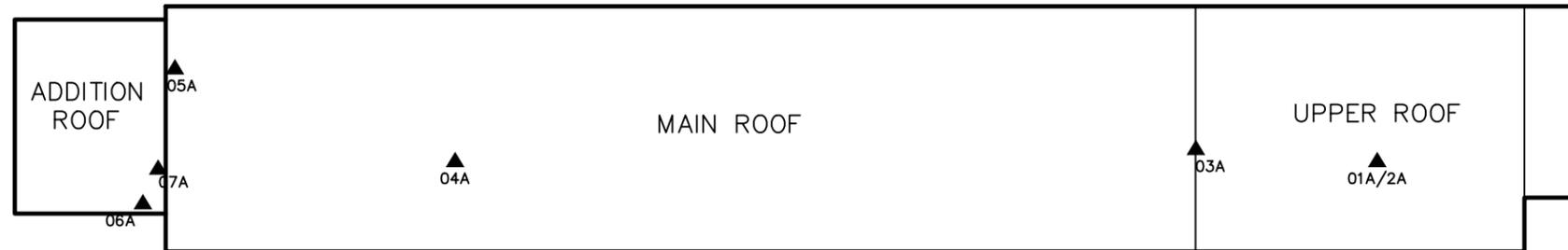
Material	Quantity	Unit Cost	Total
<i>Concrete Building</i>			
Fluorescent light ballasts	4	\$12	\$48
Fluorescent light tubes	8	\$4	\$32
Thermostat switches	1	\$25	\$25
<i>Masker's Theater Building</i>			
Fluorescent light ballasts	19	\$12	\$228
Fluorescent light tubes	38	\$4	\$152
Thermostat switches	4	\$25	\$100
Batteries associated with emergency lights and exit signs	7	\$35	\$245
<i>Subtotal for Hazardous Materials Removal¹:</i>			\$830
<i>Contingency²:</i>			\$85
TOTAL ESTIMATED OTHER HAZARDOUS/POTENTIALLY HAZARDOUS MATERIALS REMOVAL COST:			\$915

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 10% contingency is added to cover potential hidden costs and market variability.

TABLE 6: TOTAL REMOVAL COSTS
 Hazardous Materials Inventory
 Masker's Theater & Thompson's Wharf
 45 Front Street
 Belfast, Maine

Materials	Estimated Removal Cost
Confirmed/presumed asbestos-containing materials	\$30,560
Other hazardous/potentially hazardous materials	\$915
TOTAL:	\$31,475

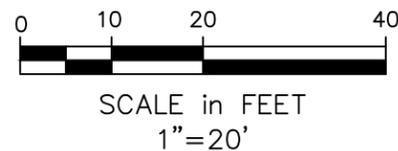


LEGEND:

▲ SAMPLE TESTING
 01A POSITIVE FOR ASBESTOS

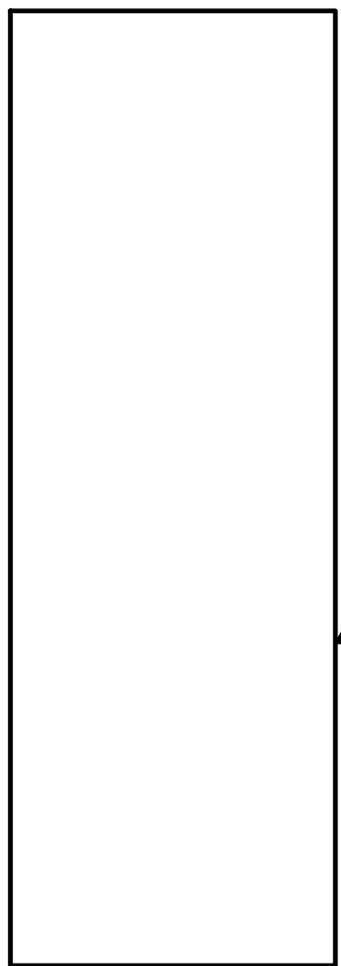
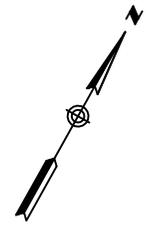
NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON DECEMBER 11, 2013.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR THE CITY OF BELFAST. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.



RANSOM Consulting, Inc.		MASKER'S THEATER BUILDING	
ROOF/EXTERIOR PLAN			
PREPARED FOR:	SITE:	DATE:	JANUARY 2014
CITY OF BELFAST 131 CHURCH STREET BELFAST, MAINE	MASKER'S THEATER & THOMPSONS WHARF 45 FRONT STREET BELFAST MAINE	PROJECT:	111.06134
		FIGURE:	1

o:\ME-DWGS\2011\111.06134\Front\111.06134-A-B-HMI.dwg Jan 02, 2014 - 3:42pm



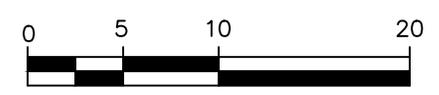
▲ C-01A

LEGEND:

▲ SAMPLE TESTING
C-01A POSITIVE FOR ASBESTOS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON DECEMBER 11, 2013.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR THE CITY OF BELFAST. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.



SCALE in FEET
1"=10'



***CONCRETE BUILDING
INTERIOR PLAN***

PREPARED FOR:
CITY OF BELFAST
131 CHURCH STREET
BELFAST, MAINE

SITE:
MASKER'S THEATER &
THOMPSONS WHARF
45 FRONT STREET
BELFAST, MAINE

DATE: JANUARY 2014
PROJECT: 111.06134
FIGURE: 2

ATTACHMENT A

Photograph Log

Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

Photograph Log



Concrete building exterior. View is to the southwest.



Interior view of concrete building windows.



Interior glaze on concrete building windows (Sample C-01A).



Maskers Theater building exterior. View is to the northwest.



Overview of Maskers Theater building roof. Main roof in fore, upper roof in back.



Asphalt membrane (L) and built-up roofing core cut (R) on upper roof (Samples 01A, 02A).

Photograph Log



Flashing sealant on upper roof perimeter (Sample 03A).



Built-up roofing core cut on main roof (Sample 04A).



Flashing sealant on main roof perimeter (Sample 05A).



Asphalt rolled roofing on addition roof (Sample 06A).



Sealant associated with asphalt rolled roofing (Sample 07A).



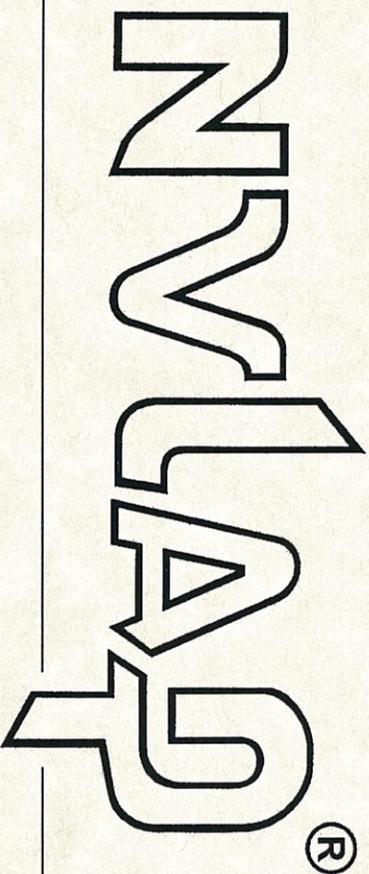
Residual LBP detected on concrete building exterior, beneath surficial layer of blue paint.

ATTACHMENT B

Certifications

Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine

United States Department of Commerce
National Institute of Standards and Technology



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:*

BULK 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 Communiqué dated January 2009).*

2013-04-01 through 2014-03-31

Effective dates



For the National Institute of Standards and Technology

A handwritten signature in black ink, appearing to read "D. M. L. D." with a stylized flourish at the end.



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Optimum Analytical & Consulting LLC

85 Stiles Road

Salem, NH 03079

Ms. Jamie L. Noel

Phone: 603-706-0263 Fax:

E-Mail: jamie.noel@optimumanalytical.com

URL: <http://www.optimumanalytical.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101433-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2013-04-01 through 2014-03-31

Effective dates

For the National Institute of Standards and Technology



State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical & Consulting, LLC

Asbestos Analytical Laboratory
(Bulk)

License Number: **LB-0067**

Expiration Date: **03/31/2014**

State of Maine
Asbestos Abatement Program

Lucas D. Hathaway

Inspector

Cert No. AI-0558

Trn.Exp.Date 06/21/2014

Expiration Date 06/30/2014

This is not a legal form of official identification





STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

State of Maine
Asbestos Abatement Program



PATRICIA W. AHO
COMMISSIONER

Lucas D. Hathaway

July 18, 2013

Ransom Consulting, Inc.
400 Commercial St., Suite 4C
Portland, Maine 04101

Inspector

Cert No. AI-0558
Trn.Exp.Date 06/21/2014

Expiration Date 06/30/2014

This is not a legal form of official identification



Dear Licensee:

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

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

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

All our asbestos forms can be found at <http://www.maine.gov/dep/rwm/asbestos/newupdatedformsasb.htm>. Thank you for your cooperation and your completed application(s).

<u>Name</u>	<u>Category</u>	<u>Certification #</u>	<u>Exp. Date</u>
Lucas D. Hathaway	Inspector	AI-0558	06/30/2014

Sincerely,

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

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

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

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

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143



This is to certify that

Lucas Hathaway

*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

June 21, 2013

Course Dates

13-8029-106-234345

Certificate Number

June 21, 2013

Examination Date

June 21, 2014

Expiration Date

Training Director

ATTACHMENT C

Laboratory Reports

Hazardous Materials Inventory
Masker's Theater & Thompson's Wharf
45 Front Street
Belfast, Maine



OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

Lucas Hathaway
Ransom Environmental Consultants, Inc
400 Commercial St
Portland ME 04101

Project #: 111.06134.034
Laboratory Batch #: 1308067
Date Samples Received: 12/14/2013
Date Samples Analyzed: 12/16/2013
Date of Final Report: 12/17/2013

SAMPLE IDENTIFICATION:

Sixty Three (63) Bulk samples from Masters Theater Building, Belfast, Maine; submitted by: Lucas Hathaway

These bulk samples were delivered to Optimum Analytical Consulting, LLC 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) and the New York Department of Health Environmental Laboratory Approval Program (NYDOH-ELAP 198.1) with the exception of resinously bound materials (please refer to the comments at the end of this report). This report relates only to those samples actually 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.

The EPA requires that friable samples with analytical results of 10% or less asbestos, by visual estimation, be treated as asbestos-containing material unless these quantities are verified using the point counting method. The point counting method is a systematic technique for estimating concentration, also using PLM. The point counting method, however, does not increase the analyst's ability to detect fibers. If you would like any of your friable samples with an asbestos content of less than 10% to be point counted, please contact our office. Point counting is not required for those samples in which no asbestos is detected during analysis by PLM.

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.

New York state regulations require that all friable samples in which asbestos is detected be point counted (using the NYDOH-ELAP stratified point counting method). New York state regulations also require TEM confirmation of NOB (Non Organically Bound) samples found to have No Asbestos Detected by PLM. These regulations apply only to samples taken within the State of New York.

Optimum Analytical and Consulting, LLC 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.

This report is considered preliminary until signed by the Laboratory Director and 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



CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1308067-001 C-01A	Concrete Building Interior Window Glaze, White	LAYER 1 100%	Chrysotile	1.11%	Cellulose Fiber Non-Fibrous Material	2% 96.89%
Total % Asbestos:				1.1%	Total % Non-Asbestos: 98.9%	
1308067-002 C-01B	Concrete Building Interior Window Glaze, Positive Stop	LAYER 1 100%				
1308067-003 C-01C	Concrete Building Interior Window Glaze, Positive Stop	LAYER 1 100%				
1308067-004 C-02A	Concrete Building Interior Window Caulk, Gray	LAYER 1 100%	Chrysotile	<1%	Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-005 C-02B	Concrete Building Interior Window Caulk, Gray	LAYER 1 100%	Chrysotile	<1%	Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-006 C-02C	Concrete Building Interior Window Caulk, Gray	LAYER 1 100%	Chrysotile	<1%	Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-007 01A	Upper roof Asphalt Roof Membrane, Black/Silver	LAYER 1 100%	Chrysotile	3.15%	Cellulose Fiber Fibrous Glass Non-Fibrous Material	5% 10% 82.15%
Total % Asbestos:				3.2%	Total % Non-Asbestos: 96.9%	
1308067-008 01B	Upper roof Asphalt Roof Membrane, Positive Stop	LAYER 1 100%				



85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1308067-009 01C	Upper roof Asphalt Roof Membrane, Positive Stop	LAYER 1 100%				
1308067-010 02A	Upper roof Built Up Roof, Black	LAYER 1 100%	Chrysotile	3.38%	Cellulose Fiber Non-Fibrous Material	80% 16.62%
Total % Asbestos:				3.4%	Total % Non-Asbestos: 96.6%	
1308067-011 02B	Upper roof Built Up Roof, Black Note: Positive Stop	LAYER 1 100%				
1308067-012 02C	Upper roof Built Up Roof, Black Note: Positive Stop	LAYER 1 100%				
1308067-013 03A	Upper roof Flashing Sealant, Silver/ Black	LAYER 1 100%	Chrysotile	5.86%	Cellulose Fiber Non-Fibrous Material	2% 92.14%
Total % Asbestos:				5.9%	Total % Non-Asbestos: 94.1%	
1308067-014 03B	Upper roof Flashing Sealant, Positive Stop	LAYER 1 100%				
1308067-015 03C	Upper roof Flashing Sealant, Positive Stop	LAYER 1 100%				
1308067-016 04A	Main roof Built Up Roof, Black/Silver	LAYER 1 100%	Chrysotile	7.72%	Cellulose Fiber Non-Fibrous Material	2% 90.28%
Total % Asbestos:				7.7%	Total % Non-Asbestos: 92.3%	
1308067-017 04B	Main roof Built Up Roof, Positive Stop	LAYER 1 100%				



CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1308067-018 04C	Main roof Built Up Roof, Positive Stop	LAYER 1 100%				
1308067-019 05A	Main roof Flashing Sealant, Black	LAYER 1 100%	Chrysotile	1.91%	Cellulose Fiber Non-Fibrous Material	2% 96.09%
Total % Asbestos:				1.9%	Total % Non-Asbestos: 98.1%	
1308067-020 05B	Main roof Flashing Sealant, Black Note: Positive Stop	LAYER 1 100%				
1308067-021 05C	Main roof Flashing Sealant, Black Note: Positive Stop	LAYER 1 100%				
1308067-022 06A	Addition roof Asphalt Rolled Roofing, Black	LAYER 1 100%	Chrysotile	1.16%	Cellulose Fiber Non-Fibrous Material	80% 19.14%
Total % Asbestos:				1.2%	Total % Non-Asbestos: 98.8%	
1308067-023 06B	Addition roof Asphalt Rolled Roofing, Black Note: Positive Stop	LAYER 1 100%				
1308067-024 06C	Addition roof Asphalt Rolled Roofing, Black Note: Positive Stop	LAYER 1 100%				
1308067-025 07A	Addition roof Rolled Roofing Sealant, Black	LAYER 1 100%	Chrysotile	3.09%	Cellulose Fiber Non-Fibrous Material	2% 94.91%
Total % Asbestos:				3.1%	Total % Non-Asbestos: 96.9%	
1308067-026 07B	Addition roof Rolled Roofing Sealant, Positive Stop	LAYER 1 100%				



85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1308067-027 07C	Addition roof Rolled Roofing Sealant, Positive Stop	LAYER 1 100%				
1308067-028 8A	Main building - exterior Window Glaze Type 1, White	LAYER 1 100%	Chrysotile	.03%	Cellulose Fiber Non-Fibrous Material	1% 98.97%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-029 8B	Main building - exterior Window Glaze Type 1, White	LAYER 1 100%	Chrysotile	.03%	Cellulose Fiber Non-Fibrous Material	1% 98.97%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-030 8C	Main building - exterior Window Glaze Type 1, White	LAYER 1 100%	Chrysotile	.03%	Cellulose Fiber Non-Fibrous Material	1% 98.97%
Total % Asbestos:				<1%	Total % Non-Asbestos: 100.0%	
1308067-031 9A	Main building - exterior Window Glaze Type 2, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%		
1308067-032 9B	Main building - exterior Window Glaze Type 2, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%		
1308067-033 9C	Main building - exterior Window Glaze Type 2, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	1% 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%		
1308067-034 10A	Main building - exterior Siding Paper, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	80% 20%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%		



85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1308067-035 10B	Main building - exterior Siding Paper, Black	LAYER 1 100%	None Detected	Cellulose Fiber 80% Non-Fibrous Material 20%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-036 10C	Main building - exterior Siding Paper, Black	LAYER 1 100%	None Detected	Cellulose Fiber 80% Non-Fibrous Material 20%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-037 11A	Theater section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-038 11B	Theater section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-039 11C	Theater section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-040 12A	Theater section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-041 12B	Theater section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%



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 Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1308067-042 12C	Theater section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-043 13A	Theater section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-044 13B	Theater section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-045 13C	Theater section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-046 14A	Main section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-047 14B	Main section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-048 14C	Main section Drywall, White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 1% Non-Fibrous Material 89%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%



85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
PROJECT #: 111.06134.034
DATE COLLECTED: 12/11/2013
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 12/14/2013
ANALYSIS DATE: 12/16/2013
REPORT DATE: 12/17/2013
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1308067-049 15A	Main section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-050 15B	Main section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-051 15B	Main section Joint Compound, White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-052 16A	Main section 1x1 Acoustic Ceiling Tile, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-053 16B	Main section 1x1 Acoustic Ceiling Tile, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-054 16C	Main section 1x1 Acoustic Ceiling Tile, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-055 17A	Main section Blown-in Insulation, Brown	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-056 17C	Main section Blown-in Insulation, Brown	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%



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 Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
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ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1308067-057 17B	Main section Blown-in Insulation, Brown	LAYER 1 100%	None Detected	Cellulose Fiber 95% Non-Fibrous Material 5%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-058 18A	Main section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-059 18B	Main section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-060 18C	Main section Carpet Adhesive, Yellow	LAYER 1 100%	None Detected	Cellulose Fiber 3% Non-Fibrous Material 97%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-061 19A	Main section Sheet Flooring, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-062 19B	Main section Sheet Flooring, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1308067-063 19C	Main section Sheet Flooring, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%

Approved Signatory:

Approved Signatory:





OPTIMUM

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 Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
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ANALYST: Jamie Noel

1308067

Client Ransom Consulting, Inc. 400 Commercial St Portland ME 04101
 Contact Lucas Hathaway
 Phone 207-772-2891
 Project Maskers Theater Building
 Location Belfast, Maine
 Ransom Client MEDEP Brownfields
 Ransom Project # 111.06134.034
 Sample Date 12/11/2013
 Analysis Bulk PLM/Gravimetric Reduction for asbestos
 TAT 48-hour
 Report Results to: lucas.hathaway@ransomenv.com
 PO 6127
 Notes/Requests Please analyze NOB samples via Gravimetric Reduction, per MEDEP regulations. Stop analysis on positive detection for all.

Sample ID	Material	Location	Notes
C-01A	Interior Window Glaze	Concrete Building	
C-01B	Interior Window Glaze	Concrete Building	
C-01C	Interior Window Glaze	Concrete Building	
C-02A	Interior Window Caulk	Concrete Building	
C-02B	Interior Window Caulk	Concrete Building	
C-02C	Interior Window Caulk	Concrete Building	
01A	Asphalt Roof Membrane	Upper roof	
01B	Asphalt Roof Membrane	Upper roof	
01C	Asphalt Roof Membrane	Upper roof	
02A	Built-up roofing core cut	Upper roof	
02B	Built-up roofing core cut	Upper roof	
02C	Built-up roofing core cut	Upper roof	
03A	Flashing sealant	Upper roof	
03B	Flashing sealant	Upper roof	
03C	Flashing sealant	Upper roof	
04A	Built-up roofing core cut	Main roof	
04B	Built-up roofing core cut	Main roof	
04C	Built-up roofing core cut	Main roof	
05A	Flashing sealant	Main roof	
05B	Flashing sealant	Main roof	
05C	Flashing sealant	Main roof	
06A	Asphalt rolled roofing	Addition roof	
06B	Asphalt rolled roofing	Addition roof	
06C	Asphalt rolled roofing	Addition roof	
07A	Rolled roofing sealant	Addition roof	
07B	Rolled roofing sealant	Addition roof	
07C	Rolled roofing sealant	Addition roof	
08A	Window glaze type 1 - white	Main building - exterior	
08B	Window glaze type 1 - white	Main building - exterior	
08C	Window glaze type 1 - white	Main building - exterior	
09A	Window glaze type 2 - gray	Main building - exterior	
09B	Window glaze type 2 - gray	Main building - exterior	
09C	Window glaze type 2 - gray	Main building - exterior	
10A	Siding paper	Main building - exterior	
10B	Siding paper	Main building - exterior	
10C	Siding paper	Main building - exterior	
11A	Drywall	Theater section	
11B	Drywall	Theater section	
11C	Drywall	Theater section	
12A	Joint compound	Theater section	
12B	Joint compound	Theater section	
12C	Joint compound	Theater section	
13A	Carpet adhesive	Theater section	
13B	Carpet adhesive	Theater section	
13C	Carpet adhesive	Theater section	
14A	Drywall	Main section	
14B	Drywall	Main section	
14C	Drywall	Main section	
15A	Joint compound	Main section	
15B	Joint compound	Main section	
15C	Joint compound	Main section	
16A	1x1 acoustic ceiling tile	Main section	
16B	1x1 acoustic ceiling tile	Main section	
16C	1x1 acoustic ceiling tile	Main section	



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PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Masters Theater Building, Belfast, Maine

ORDER #: 1308067
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17A	Blown-in insulation	Main section
17B	Blown-in insulation	Main section
17C	Blown-in insulation	Main section
18A	Carpet adhesive	Main section
18B	Carpet adhesive	Main section
18C	Carpet adhesive	Main section
19A	Gray/brown sheet flooring	Main section
19B	Gray/brown sheet flooring	Main section
19C	Gray/brown sheet flooring	Main section

12-14-13



OPTIMUM

Analytical and Consulting, LLC

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Non-Friable Organically Bound Gravimetric Reduction Worksheet

Batch Number: 1308067 Prep Date: 12/16/2013 Prep Analyst: KS

Sample ID	Crucible ID	Crucible Weight	Crucible Weight A	Crucible Weight B	Crucible Weight C	Ashed Sample Weight D	Ashed Sample Weight E	% Reduction of Sample (D/B)*100	Filter Weight G	Ashed Sub-Sample Weight H	Filtered Sample Weight I	Inorganic Weight J	% Reduction of Inorganic Weight (I/J)*100	CVE % Asbestos in Residue	% Asbestos in Ash (K/CVE % Asb/100)	Asbestos Type	Prep 1	Prep 2	Prep 3	Prep 4
C-01A		76	26.041	0.274	26.286	0.245	89.42%	0.033	0.073	0.245	0.073	0.033	13.47%	8.25%	1.11%	Chry	8	7	10	8
C-02A		51	24.247	0.112	24.342	0.095	84.82%	0.042	0.095	0.095	0.042	0	0.00%	1.50%	<1	Chry	1	0	3	2
C-02B		75	26.884	0.122	26.997	0.113	92.62%	0.038	0.113	0.038	0.038	-0.002	-1.77%	0.50%	<1	Chry	0	1	1	0
C-02C		71	27.261	0.167	27.408	0.147	88.02%	0.04	0.147	0.041	0.041	0.001	0.68%	0.50%	<1	Chry	1	0	1	0
01A	W	26.063	0.318	26.113	0.05	15.72%	0.04	0.05	0.05	0.05	0.05	0.075	70.00%	4.50%	3.15%	Chry	5	5	1	7
02A		68	28.047	0.175	28.075	0.028	16.00%	0.041	0.028	0.062	0.021	0.021	75.00%	4.50%	3.35%	Chry	5	4	4	5
02B		102	26.544	0.393	26.63	0.086	21.88%	0.04	0.086	PS	#VALUE!	#VALUE!	#VALUE!	PS	#VALUE!	PS				
02C		26.34	0.434	26.428	0.088	20.28%	0.04	0.088	PS	#VALUE!	#VALUE!	#VALUE!	PS	PS	#VALUE!	PS				
03A		12	24.788	0.209	24.856	0.068	32.54%	0.041	0.068	0.096	0.096	0.055	80.88%	7.25%	5.86%	Chry	8	7	6	8
4A		67	26.473	0.143	26.505	0.032	22.38%	0.04	0.032	0.078	0.038	0.038	118.75%	6.50%	7.72%	Chry	3	6	8	9
06A		68	25.874	0.22	25.95	0.076	34.55%	0.042	0.076	0.067	0.025	69.44%	2.75%	1.91%	Chry	2	5	2	2	
06B		78	29.679	0.191	29.726	0.047	24.61%	0.04	0.047	PS	#VALUE!	#VALUE!	PS	5.50%	1.16%	Chry	5	8	5	4
06C		41	24.873	0.344	25.012	0.139	40.41%	0.041	0.139	PS	#VALUE!	#VALUE!	PS	#VALUE!	#VALUE!	PS				
7A		80	27.591	0.171	27.656	0.065	38.01%	0.04	0.065	0.107	0.067	0.067	103.08%	3.00%	3.09%	Chry	2	3	2	5
08A		32	23.918	0.151	24.05	0.132	87.42%	0.038	0.132	0.062	0.018	0.018	13.64%	0.25%	0.03%	Chry	0	0	1	0
08B		74	25.125	0.215	25.315	0.19	88.37%	0.04	0.19	0.062	0.022	11.58%	0.25%	0.03%	Chry	0	0	0	1	
08C		63	25.791	0.154	25.92	0.129	83.77%	0.042	0.129	0.05	0.008	0.008	6.20%	0.50%	0.03%	Chry	0	0	1	1
09A		46	23.947	0.163	24.073	0.126	77.30%	0.042	0.126	0.129	0.087	69.05%	0.00%	0.00%	NAD	0	0	1	1	
09B		60	26	0.133	26.105	0.105	78.95%	0.04	0.105	0.084	0.044	41.90%	0.00%	0.00%	NAD	0	0	0	1	
09C		59	24.671	0.175	24.806	0.135	77.14%	0.041	0.135	0.122	0.081	60.00%	0.00%	0.00%	NAD	0	0	0	1	
10A		77	29.398	0.273	29.407	0.009	3.30%	0.041	0.009	0.05	0.009	100.00%	0.00%	0.00%	NAD	0	0	0	1	
10B		26	25.581	0.138	25.585	0.004	2.90%	0.039	0.004	0.041	0.002	50.00%	0.00%	0.00%	NAD	0	0	0	1	
10C		54	24.952	0.204	24.981	0.009	4.41%	0.041	0.009	0.052	0.011	122.22%	0.00%	0.00%	NAD	0	0	0	1	
13A		72	27.274	0.128	27.329	0.055	42.97%	0.04	0.055	0.092	0.052	0.052	94.55%	0.00%	0.00%	NAD	0	0	0	1
13B		79	30.816	0.178	30.892	0.076	42.70%	0.041	0.076	0.114	0.073	96.05%	0.00%	0.00%	NAD	0	0	0	1	
13C	V	28.235	0.218	28.33	0.095	43.58%	0.041	0.095	0.127	0.086	0.086	90.53%	0.00%	0.00%	NAD	0	0	0	1	
18A		101	26.824	0.546	27.195	0.271	49.65%	0.043	0.271	0.266	0.223	82.29%	0.00%	0.00%	NAD	0	0	0	1	
18B		64	24.859	0.555	25.132	0.273	49.19%	0.041	0.273	0.289	0.248	90.84%	0.00%	0.00%	NAD	0	0	0	1	
18C		66	25.657	0.483	25.895	0.238	48.28%	0.042	0.238	0.262	0.22	92.44%	0.00%	0.00%	NAD	0	0	0	1	
19A		103	26.058	0.146	26.096	0.028	19.18%	0.04	0.028	0.045	0.005	17.86%	0.00%	0.00%	NAD	0	0	0	1	
19B		40	23.826	0.141	23.851	0.025	17.73%	0.042	0.025	0.046	0.004	16.00%	0.00%	0.00%	NAD	0	0	0	1	
19C	P	28.949	0.217	28.997	0.048	22.12%	0.039	0.048	0.043	0.004	0.004	8.33%	0.00%	0.00%	NAD	0	0	0	1	