

**SITE INSPECTION REPORT  
FOR  
DAVIS MOTEL AKA ACCENT DRY CLEANING (REM#01204)  
211 US ROUTE 1  
FALMOUTH, MAINE**

EPA ID NO. MEN000103127

SITE INSPECTION

Prepared for:

U.S. Environmental Protection Agency  
Region I  
Superfund and Emergency Management Division  
Boston, MA 02109-3912

Submitted June 28, 2022 by the Maine DEP, Revised October 20, 2022:

Chris Redmond

Environmental Protection Agency  
Reviewed and Approved:

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Mandy Liao

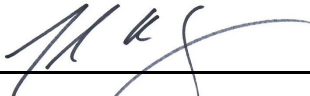
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Date

Contractor Company Name  
Reviewed and Approved:

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June 27, 2022

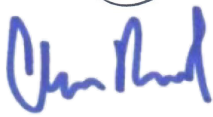


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Date



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Christopher Redmond, Project Manager,  
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October 20, 2022

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Date

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## 1.0 INTRODUCTION

Utilizing funding from an Environmental Protection Agency (EPA) Pre-Remedial Grant (FAIN 96199301), the Maine Department of Environmental Protection (ME DEP) performed a Site Inspection (SI) of the Davis Motel aka Accent Dry Cleaners, located in Falmouth, Maine. Tasks were conducted in accordance with a scope of work prepared by Beacon Environmental Consultants, LLC. An EPA Preliminary Assessment (PA) for the Davis Motel aka Accent Dry Cleaners site was completed by Maine DEP in September 2020.

Background information used in the generation of this report was obtained through file searches conducted at EPA, Maine DEP, telephone interviews with town officials, conversations with persons knowledgeable of the Davis Motel aka Accent Dry Cleaners, and conversations with other Federal, State, and local agencies.

This report follows the guidelines developed under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended, commonly referred to as Superfund. However, these documents do not necessarily fulfill the requirements of other EPA Region I regulations such as those under the Resource Conservation and Recovery Act (RCRA) or other Federal, State, or local regulations. SIs gather information to support a site decision regarding the need for further Superfund action. They are limited efforts and are not intended to supersede more detailed investigations.

The street address, coordinates, and contaminant locations presented in this report identify the general area in which the site is located. They represent one or more locations EPA considers to be part of the site based upon the screening information collected or generated in the course of this, or previous investigation(s). The EPA Superfund Pre-Remedial program is designed to identify “releases or threats of releases” of hazardous substances, and the focus of this investigation is on the release(s) or potential release(s), rather than precisely delineated site boundaries. A site is defined under the EPA Superfund Pre-Remedial program as where a hazardous substance has been “deposited, stored, placed, or otherwise come to be located.” EPA anticipates that the preliminary description of site boundaries will be refined as more information is developed regarding where the contamination has come to be located.

## 2.0 SITE DESCRIPTION

The Site is approximately 2.0 acres, located at 211 US Route 1 in the Town of Falmouth. The Site is identified by the Town of Falmouth’s Assessor’s Office as Lot 35 on Tax Map U11.

The Site is located at 211 US Route 1 in a commercial area of Falmouth identified as the VC1 – Village Center 1 Zone. Three businesses with four structures built between 1939 and 1940 are located on the property. Two larger buildings are associated with the Falmouth Inn motel, whose address is listed as 209 US Route 1. A third building operates as a home décor and design studio called Half Moon Décor (211 US Route 1), while a fourth structure provides pet grooming services called Lazy Bones (213 US Route 1).

The historic usage of the property as a dry cleaner, as well as information and data obtained from the MEDEP and other environmental database and municipal records suggests there is the potential that chemical compounds associated with dry cleaning may have been released to the environment.

Latitude: 43.71797000 N, 43° 43’ 4.69’’ N  
Longitude: -70.2322160 W, -70° 13’ 55.97’ W

### **3.0 OWNERSHIP, OPERATIONAL AND REGULATORY HISTORY**

The portion of the property being assessed was developed as a gasoline station in 1949 with gasoline underground storage tanks that were removed in 1980. After the gasoline station it was renovated into Mr. D's Restaurant. After Mr. D's Restaurant closed the building was converted into a consignment store and then into its current use as a home décor gallery. The small structure to the southeast of this building has been used as a seafood restaurant, photography shop, pet grooming center, tanning salon, marine auto services building and now as a pet grooming center again.

The Site is one of multiple sites throughout Maine that are known to or may have operated at one time as a dry cleaner. Based on various lines of evidence the Site (211 US Route 1) as well as the neighboring structure (213 US Route 1) has also been identified as a fuel and marine/automotive services facility. If petroleum-related constituents or other volatile organic compounds (VOCs) were historically released to the environment associated with these services, vapors could volatilize and migrate along utility corridors and subsequently migrate off-Site. In addition, soil and groundwater quality at the Site could potentially be affected from historical releases associated with these services.

Based on the historical usage of the property as a dry cleaner, as well as information and analytical data obtained from the MEDEP in 2018 and environmental database records, there is the potential that tetrachloroethene (also referred to as perchloroethylene [PCE]) and trichloroethylene (TCE) may have been released to the environment. Released concentrations of chlorinated solvents, mainly PCE and TCE, in soil or groundwater may impose health risks in indoor air environments. If PCE or other dry cleaning volatile organic compounds (VOCs) were historically released to the environment at the dry cleaner property, vapors could volatilize and migrate from the property along utility corridors and subsequently migrate into neighboring buildings. Chemicals volatilize from impacted soil and or groundwater beneath a building and diffuse toward regions of lower chemical concentration (like the ambient atmosphere, utility conduits, or basements). Soil gas can flow into a building due to several factors, including barometric pressure changes (advection), wind load, thermal currents, temperature changes, or depressurization from building exhaust fans. Figure 3 illustrates the relationships among the elements of the Conceptual Site Model (CSM) for the Site, including the sources, release mechanisms, pathways, and receptors.

### **4.0 WASTE CHARACTERISTICS AND CONCEPTUAL SITE MODEL**

The property was potentially a former dry cleaner. A MEDEP investigation determined that chlorinated compounds were present within soil gas around the structure. VOCs are a potential COC in connection with the area and downgradient thereof in soil and/or groundwater.

**TABLE 1  
CONCEPTUAL SITE MODEL**

<b>CONCEPTUAL SITE MODEL SUMMARY</b>	
<b>POSSIBLE SOURCE AREAS</b>	Site-wide Considerations
<b>CONTAMINANTS OF CONCERN</b>	Soil <ul style="list-style-type: none"> <li>• Extractable Petroleum Hydrocarbons (EPH)</li> <li>• Volatile Petroleum Hydrocarbons (VPH)</li> <li>• Volatile Organic Compounds (VOCs)</li> </ul> Groundwater <ul style="list-style-type: none"> <li>• Extractable Petroleum Hydrocarbons (EPH)</li> <li>• Volatile Petroleum Hydrocarbons (VPH)</li> <li>• Volatile Organic Compounds (VOCs)</li> </ul> Soil Gas <ul style="list-style-type: none"> <li>• Air Petroleum Hydrocarbons (APH)</li> <li>• VOCs</li> </ul>
<b>POTENTIAL MEDIA AFFECTED</b>	Soil, Groundwater, and Soil Vapor
<b>POTENTIAL EXPOSURE ROUTES</b>	Exposure pathways for contamination in soil: <ul style="list-style-type: none"> <li>• Direct contact for site workers</li> <li>• Inhalation of fugitive emissions (dust) during site use</li> </ul> Exposure pathways for contamination in groundwater <ul style="list-style-type: none"> <li>• Direct contact for site workers</li> </ul> Exposure pathways for contamination in soil gas <ul style="list-style-type: none"> <li>• Inhalation of impacted soil gas</li> </ul>
<b>POTENTIAL MIGRATION PATHWAYS</b>	Migration pathways for contaminants: <ul style="list-style-type: none"> <li>• Wind transport of dust (if impacted).</li> <li>• Groundwater transport (if impacted).</li> <li>• Vapor transport (if impacted).</li> </ul>
<b>RECEPTORS</b>	For soil, soil gas, and groundwater, potential receptors include site workers during excavation/site work. For soil, potential receptors include future site occupants if impacted surficial soil is discovered. For soil vapor, potential receptors include future site occupants, if impacted soil gas is discovered.

#### **4.0 WASTE SAMPLING**

No waste samples were collected during this investigation as no waste was present.

#### **5.0 GROUNDWATER MIGRATION PATHWAY**

Based on a review of the Surficial Geologic Map of the Portland East Quadrangle, Maine Map (Alexa Bernotavicz, 1999), surficial soils at the Site are identified as soils of the Presumpscot Formation. The Presumpscot Formation soils are comprised of fine-grained, gray to bluish-gray silt and clay with minor sand that was deposited during the marine submergence of the coastal zone.

Based on a review of the Bedrock Geology of the Portland East Quadrangle Map (Arthur M. Hussey II, 2003), bedrock at the Site is composed of the Richmond Corner Formation, which consists of medium brownish gray quartz-plagioclase-biotite gneiss locally with almanditic garnet and sillimanite.

Based on a review of the Significant Sand & Gravel Aquifers of the Portland East Quadrangle, Maine Map (Craig D. Neil, 1999) the Site is not located within a significant sand and gravel aquifer.

Public Water Supply Map and Groundwater Use: The Maine Department of Health and Human Services water supply database was reviewed. The Site is not within a source water protection area or the wellhead protection area of a public water supply well.

### 5.1 DRINKING WATER SAMPLE LOCATIONS

No drinking water wells were sampled as a portion of this site assessment based on the distance from the subject property.

### 5.2. ATTRIBUTION AND DRINKING WATER RECEPTORS

No drinking water receptors were identified that could be impacted by this site.

## 6.0 SURFACE WATER MIGRATION PATHWAY

There is no surface water on the site. The highest portion of the Site is along the northeastern property boundary and Surface drainage from the Site generally flows from north to south. The closest surface water to the site is a small unnamed tributary that flows northeast for about 4300ft into Mill Creek. The surface water flow follows Mill Creek for only 1000 ft southeast before emptying into Mussel Cove. Mussel Cove is approximately 1,500 ft wide and located on the east side of Casco Bay which opens to the Atlantic Ocean. There are no known sensitive environments or wetland frontage along the 15-mile downstream pathway.

Table 3 summarizes the surface water body characteristics located along the 15-mile downstream pathway.

**Table 2**  
**Surface Water Bodies Along the 15-Mile Downstream Pathway**  
**from Davis Motel**

Surface Water Body	Descriptor <sup>a</sup>	Length of Reach	Flow Characteristics (cfs) <sup>b</sup>	Length of Wetland Frontage (miles)
Unnamed Tributary	Small stream	4,300 ft	Unknown	None
Mill Creek	Small stream	1,000 ft	Unknown	None
Mussel Cove	Saltwater Cove	1,500 ft	Tidal	None
Casco Bay/ Atlantic Ocean	Open waters	2-15+ miles	Tidal	None

<sup>a</sup> Small to moderate stream 10-100 cfs. Moderate to large stream >100-1,000 cfs.

<sup>b</sup> Cubic feet per second.

### 6.1 SURFACE WATER SAMPLING LOCATIONS

No surface water samples were collected during this investigation.

## 6.2 ATTRIBUTION AND SURFACE WATER RECEPTORS

No surface water receptors were identified.

## 7.0 GROUNDWATER EXPOSURE PATHWAY

### 7.1 GROUNDWATER PATHWAY SAMPLE LOCATIONS

#### Groundwater Sampling

Groundwater sampling was completed by installing two temporary 1” piezometers at borings B-04 and B-09. Once the piezometers were installed, they were purged for up to 30 minutes with a peristaltic pump and tubing in an effort to develop and remove silt from within the piezometer prior to sampling. The piezometer was sampled immediately following development. Samples were collected for submission to Alpha Analytical Laboratory (Alpha) of Westboro, Massachusetts from each of the piezometers for VOCs, VPH ranges, and EPH compounds and ranges.

Beacon completed a groundwater survey using an arbitrary datum point on the property. Based on this survey, groundwater was determined to have a northeasterly flow on the property.

**Table 3**  
**Groundwater Sample Summary Davis Motel**

Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Description
MW-04	SE of building	~4	
MW-11	SE of building	~4	
MW-09	NE of building	~4	Duplicate of MW-04

### 7.2 GROUNDWATER PATHWAY ANALYTICAL RESULTS

Groundwater samples collected from monitoring well MW-04 and its duplicate MW-11 were above the Residential Maine Remedial Action Guidelines (RAGs) for Benzene, Ethylbenzene, C9-C10 Aromatics, C9-C12 Aliphatics, 2-Methylnaphthalene, C9-C18 Aliphatics, and above both Residential and Construction RAGs for Naphthalene and C5-C8 Aliphatics. The remaining VOCs, VPH ranges, and EPH ranges and compounds were either non-detect or below both RAG scenarios.

Groundwater samples collected from monitoring well MW-09 were above the Residential RAGs for benzo(a)anthracene and benzo(a)pyrene. The remaining VOCs, VPH ranges, and EPH ranges and compounds were either non-detect or below both RAG scenarios. See **Table 4** for groundwater analytical results.

### 7.3 ATTRIBUTION AND GROUNDWATER PATHWAY RECEPTORS

Detection of volatile organic compounds were found in groundwater samples collected from the property. Benzene, Ethylbenzene, C9-C10 Aromatics, C9-C12 Aliphatics, 2-Methylnaphthalene, C9-C18 Aliphatics, benzo(a)anthracene and benzo(a)pyrene were detected above RAGs for residential scenarios and



Naphthalene and C5-C8 Aliphatics were detected above RAGs for both residential and construction worker scenarios. Public drinking water is available in the area.

## 8.0 SOIL EXPOSURE PATHWAY

### 8.1 SOIL PATHWAY SAMPLE LOCATIONS

#### Geoprobe Borings and Soil Sampling

Geoprobe borings were completed by EPI on July 23, 2021 in ten (10) locations using a Geoprobe 6712DT track-mounted rig. Borings were completed to 10' or 15' BGS based on field conditions. Soil samples were field screened for volatile organics using a MiniRae 3000 PID and using Oleophilic Dye Shake Test kits. See Appendix B for soil boring logs with PID responses.

Samples were collected from B-03 (2'), B-05 (3-5'), B-09 (4-5'). A duplicate of B-05 was collected and named B-11 (3-5'). These samples were based on visual observations and PID responses. These samples were submitted to Alpha for analysis.

#### Hand Auger Soil Sampling

Hand auger sampling was completed using an AMS hand auger with a 1 ½" bucket to a depth of 3' BGS. Soil samples were collected for PID readings and screened with a PPB RAE. A soil sample was collected from HA-06 (2-3') and submitted to Alpha for analysis.

**Table 5**  
**Soil Sample Summary Davis Motel**

Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Description
B-03	W of building	2	158 ppmv
B-05	S of building	3-5	7.5 ppmv
B-11	S of building	3-5	7.5 ppmv, duplicate of B-05
B-09	NW of building	4-5	16.1 ppmv
HA-06	N of building	2-3'	0.153 ppmv

Subsurface conditions on the property were identified as sand and gravel fill to a depth of ~2 feet BGS where glaciomarine silty-clay was encountered. A transition from silty-clay to marine clay was observed at an approximate depth of 15' BGS to boring completion. Refusal (presumed bedrock) was encountered in boring B-04 at a depth of nine (9) feet BGS.

### 8.2 SOIL PATHWAY ANALYTICAL RESULTS

Soil samples collected and analyzed for B-03, B-05 (and its duplicate B-11) and B-09 were either non-detect or below the MEDEP RAGs for Residential, Park User, Commercial Worker, and Construction Worker scenarios for the VOCs, VPH ranges, and EPH ranges and compounds.

Soil samples collected and analyzed for HA-06 were either non-detect or below the MEDEP RAGs for Residential, Park User, Commercial Worker, and Construction Worker scenarios for the VOCs, VPH ranges, and EPH ranges and compounds, with the exception of benzo(a)pyrene which was detected above the Residential RAG. See **Table 6** for soil analytical results.

### 8.3 ATTRIBUTION AND SOIL PATHWAY RECEPTORS

Detection of petroleum and volatile organic compounds were found in the soil samples collected from the property. However, the detections were below the MEDEP RAGs for all scenarios with the exception of the sample collected from HA-06 which had a detected concentration for Benzo(a)pyrene above the Residential RAG.

### 8.4 SOIL VAPOR PATHWAY SAMPLE LOCATIONS

#### Sub Slab Soil Vapor Sampling

Beacon utilized a hammer drill to penetrate the concrete slab within the utility room of the Half Moon Décor building and from within the center of the Lazy Bones building. Beacon then inserted ¼" Teflon tubing and the hole was sealed with modeling clay. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected one 2.7-liter SUMMA canister with a 30-minute flow controller at the location.

Sub slab soil vapor was sampled from the Half Moon Décor building and labeled SSV-01 with a duplicate labeled SSV-02 and from within the Lazy Bones building and labeled SV-101 with a duplicate labeled SV-102 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

#### Indoor Air Sampling

Beacon deployed one (1) 6-liter ambient air canister with a 24-hour flow controller in the Half Moon Décor building and one in the Lazy Bones building. Utilizing a MiniRae PPB Photoionization detector (PID), Beacon collected ambient air readings prior to sampling. The following day, the canisters were retrieved and submitted to Alpha for analysis of APH and VOCs by TO-15.

#### Soil Vapor Sampling

Soil vapor samples were collected using a pore water sampler inserted into the ground. Sample depths were as follows: HA-09 (2.5'), SV-02 (2.5'), HA-07 (2.5'), SV-01 (2.5'), HA-06 (3'), SV-09 (2.5'), HA-01 (2.5'), SV-04 (2'), SV-03 (3'), SV-101 (2'), SV-102 (2'), and SV-103 (2'). Beacon then connected ¼" Teflon tubing and the tooling was sealed with bentonite at the top and at the ground surface. Prior to connect the tubing, ambient samples were collected in the area of the SUMMA canister using an Eagle Four Gas Meter and a MiniRae PPB PID. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected one 2.7-liter SUMMA canister with a 30-minute flow controller at the location.

Soil vapor was sampled from SV-01, SV-02, SV-03, SV-04, SV-09, HA-01, HA-06, HA-07, HA-09, SV-101, SV-102, and SV-103 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

**Table 7  
Soil Vapor and Indoor Air Sample Summary Davis Motel**

<b>Sample ID</b>	<b>Sample Location</b>	<b>Sample Depth</b>	<b>Sample Description</b>
HA-01	E of Half Moon Décor building	2.5'	89 ppbv, within water line corridor
HA-06	N of Half Moon Décor building	3'	190 ppbv, within sewer line corridor
HA-07	NW of Half Moon Décor building	2.5'	110 ppbv, within sewer line corridor
HA-09	N of Half Moon Décor building	2.5'	162 ppbv within sewer/water line corridor
SV-01	W of Lazy Bones building	2.5'	75 ppbv
SV-02	N of Half Moon Décor building	2.5'	91 ppbv
SV-03	W of Half Moon Décor building	3'	135 ppbv
SV-04	SE of Half Moon Décor building	2'	194 ppbv
SV-09	NW of Half Moon Décor building	2.5'	81 ppbv
SSV-01	Sub slab in Half Moon Décor	8"	254 ppbv
SSV-02	Sub slab in Half Moon Décor	8"	254 ppbv – duplicate of SSV-01
IA-01	Interior of Half Moon Décor building	On shelf	5 ppbv
SV-101	E of Lazy Bones building	2'	35000 ppbv
SV-102	S of Lazy Bones building	2'	32000 ppbv
SV-103	N of Lazy Bones building	2'	21000 ppbv
SSV-101	Subslab in Lazy Bones	8"	2,300 ppbv
SSV-102	Sub slab in Lazy Bones	8"	2,300 ppbv - duplicate of SSV-101
IA-101	Interior of Lazy Bones	On shelf	10000 ppbv

## 8.5 SOIL VAPOR PATHWAY ANALYTICAL RESULTS

### Sub Slab Soil Vapor

Sample results from the sub slab soil vapor location (SSV-01) and its duplicate (SSV-02) reported concentrations for VOCs. The sample was a sub slab soil vapor sample, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this attenuation factor to the reported results, the results were below the guidance concentrations for both Residential and Commercial Scenarios. See **Table 8** for sub slab soil vapor results.

### Soil Vapor

Sample results from all of the soil vapor locations reported concentrations for VOCs. The samples were soil vapor samples, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this attenuation factor to the reported results, the results were below the guidance concentrations for both Residential and Commercial Scenarios. See **Table 8** for soil vapor results.

### Indoor Air

The indoor air samples collected from within the building were either non-detect or below the MEDEP RAGs for both Residential and Commercial guidelines for VOCs. See **Table 9** for indoor air results.

## 8.6 ATTRIBUTION AND SOIL VAPOR PATHWAY RECEPTORS

Detections of petroleum and volatile organic compounds were found in the sub slab soil vapor and soil vapor samples. Results for 1,3-butadiene from the soil vapor sample collected near the Lazy Bones building (SV-01) was above the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios. The remainder of the results from the soil vapor and subslab samples were below the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios.

Detections of petroleum and volatile organic compounds were found in the indoor air sample collected within the Half Moon Décor building. Results for 1,2-Dichloroethane were above the MEDEP Residential RAG and results for C5-C8 aliphatics and C9-C12 aliphatics were above both the Residential and Commercial RAGs. It should be noted that the corresponding subslab sample, and its duplicate, were not elevated for these APH ranges potentially indicating a source from within the building. The remaining analytes were either non-detect or below both RAGs. Detections of petroleum and volatile organic compounds were found in the indoor air sample collected within the Lazy Bones building. The results were below the MEDEP Indoor Air in Residential and Commercial scenarios.

## 9.0 AIR MIGRATION PATHWAY

Due to the nature of this site and the potential contamination, air migration pathways were not considered a significant risk and therefore were not investigated. There are no known sensitive environments within a 4-mile radius that are suspected to be influenced by potential contamination of this site.

**Table 10** summarizes the estimated population within 4-radial miles of Davis Motel.

**Table 10**

**Estimated Population Within 4-Radial Miles of  
Davis Motel**

Radial Distance from Davis Motel (miles)	Estimated Population
On Site	0
> 0.00 to 0.25	168
> 0.25 to 0.50	510
> 0.50 to 1.00	1,097
> 1.00 to 2.00	3,697
> 2.00 to 3.00	11,148
> 3.00 to 4.00	19,970
TOTAL	36,590

**10.0 DATA QUALITY**

**10.1 DATA QUALITY ASSESSMENT**

The laboratory reported the following Quality Assurance and/or Quality Control (QA/QC) issues:

Lab Report L2139975:

VPH

L2139975-02D: The surrogate recoveries were outside the acceptance criteria for 2,5-dibromotoluene-pid (291%) and 2,5-dibromotoluene-fid (321%); however, re-analysis achieved similar results: 2,5-dibromotoluene-pid (307%) and 2,5-dibromotoluene-fid (304%). The results of the original analysis are reported.

EPH

L2139975-06 and -07 has elevated detection limits for the target analytes only due to the dilution required by the elevated concentrations of these compounds in the sample.

Lab Report L2140039

L2140039-01D and -02D2: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2140039-01, -02D, and -05D: The samples were re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was

performed only for the compound(s) that exceeded the calibration range.

L2140039-05D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2140039-11D and -12D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

#### Petroleum Hydrocarbons in Air

L2140039-01 through -12: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

L2140039-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2140039-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-05D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-12D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

#### Lab Report L2170728:

Petroleum Hydrocarbons in Air L2170728-01 through -06: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

## **10.2 DATA QUALITY OBJECTIVES**

Based on our review, the data is determined to be acceptable and we believe MEDEP can rely on this data to make decisions.

## **11.0 SUMMARY & CONCLUSIONS**

Detection of petroleum and volatile organic compounds were found in the soil samples collected from the property. However, the detections were below the MEDEP RAGs for all scenarios with the exception of the sample collected from HA-06 which had a detected concentration for Benzo(a)pyrene above the Residential RAG.

Detection of petroleum and volatile organic compounds were found in the groundwater samples collected from the property. The sample from MW-04, and its duplicate sample, contained concentrations of benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-methylnaphthalene, and C9-C18 aliphatics above the Residential RAG and above the Residential and Commercial RAGs for naphthalene and C5-C8

aliphatics. The sample from MW-09 was elevated above the Residential RAG for benzo(a)anthracene and benzo(a)pyrene. The remaining results were below both Residential and Construction scenarios.

Detections of petroleum and volatile organic compounds were found in the sub slab soil vapor and soil vapor samples. Results for 1,3-butadiene from the soil vapor sample collected near the Lazy Bones building (SV-01) was above the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios. The remainder of the results from the soil vapor and subslab samples were below the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios.

Detections of petroleum and volatile organic compounds were found in the indoor air sample collected within the Half Moon Décor building and within the Lazy Bones building. Results for 1,2-Dichloroethane for the sample from within the Half Moon Décor building were above the MEDEP Residential RAG and results for C5-C8 aliphatics and C9-C12 aliphatics were above both the Residential and Commercial RAGs. It should be noted that the corresponding subslab sample, and its duplicate, were not elevated for these APH ranges potentially indicating a source from within the building. The remaining analytes were either non-detect or below both RAGs.

### **Conclusion:**

Based on information from the Phase II ESA completed in November 2021, there were exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There were exceedances to the current residential RAGs for groundwater for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There was an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There was an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building. It should be noted that the corresponding subslab sample, and its duplicate, were not elevated for these APH ranges potentially indicating a source within the building itself. During this assessment, Beacon was informed that a former 275-gallon heating oil AST is still present within the Half Moon Décor building even though the building is connected to natural gas as a heat source.

This assessment did not identify that these exceedances have affected the soil gas beneath or within the Lazy Bones building.

**ACCENT DRY CLEANERS (aka DAVIS MOTEL)  
TABLES 4, 6, 9, and 10  
Soil, Groundwater, Soil Vapor, and Indoor Air Results**



**TABLE 4 - GROUNDWATER ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID				MW-04		MW-11		MW-09	
SAMPLING DATE				23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID				L2139975-06		L2139975-07		L2139975-08	
	RES	CONST	Units		Qual		Qual		Qual
<b>Volatile Organics by GC/MS</b>									
1,1,1,2-Tetrachloroethane	5.7	620	ug/l	1	U	1	U	0.5	U
1,1,1-Trichloroethane	8000	29000	ug/l	1	U	1	U	0.5	U
1,1,2,2-Tetrachloroethane	0.76	90	ug/l	1	U	1	U	0.5	U
1,1,2-Trichloroethane	0.42	12	ug/l	1.5	U	1.5	U	0.75	U
1,1-Dichloroethane	28	2200	ug/l	1.5	U	1.5	U	0.75	U
1,1-Dichloroethene	290	390	ug/l	1	U	1	U	0.5	U
1,1-Dichloropropene			ug/l	2	U	2	U	1	U
1,2,3-Trichlorobenzene	7	2900	ug/l	2	U	2	U	1	U
1,2,3-Trichloropropane	0.0075	2.1	ug/l	2	U	2	U	1	U
1,2,4-Trichlorobenzene	4	140	ug/l	2	U	2	U	1	U
1,2,4-Trimethylbenzene	56	1000	ug/l	2	U	2	U	1.1	
1,2-Dibromo-3-chloropropane	0.0033	1.2	ug/l	2	U	2	U	1	U
1,2-Dibromoethane	0.075	8.7	ug/l	2	U	2	U	1	U
1,2-Dichlorobenzene	300	12000	ug/l	2	U	2	U	1	U
1,2-Dichloroethane	1.7	140	ug/l	1	U	1	U	0.5	U
1,2-Dichloroethene, Total			ug/l	1	U	1	U	0.5	U
1,2-Dichloropropane	8.3	22	ug/l	2	U	2	U	1	U
1,3,5-Trimethylbenzene	60	1100	ug/l	2	U	2	U	1	U
1,3-Dichlorobenzene	300	6200	ug/l	2	U	2	U	1	U
1,3-Dichloropropane	370	100000	ug/l	2	U	2	U	1	U
1,3-Dichloropropene, Total	4.7	200	ug/l	1	U	1	U	0.5	U
1,4-Dichlorobenzene	4.8	400	ug/l	2	U	2	U	1	U
1,4-Dichlorobutane			ug/l	10	U	10	U	5	U
2,2-Dichloropropane			ug/l	2	U	2	U	1	U
2-Butanone	5600	9000	ug/l	10	U	10	U	5	U
2-Hexanone	38	240	ug/l	10	U	10	U	5	U
4-Methyl-2-pentanone	6300	5800	ug/l	10	U	10	U	5	U
Acetone	14000	100000	ug/l	10	U	10	U	5	U
Acrylonitrile	0.52	11	ug/l	10	U	10	U	5	U
Benzene	4.6	350	ug/l	5.7		6.1		1	
Bromobenzene	62	1200	ug/l	2	U	2	U	1	U
Bromochloromethane	83	600	ug/l	2	U	2	U	1	U
Bromodichloromethane	1.3	130	ug/l	1	U	1	U	0.5	U
Bromoform	33	5500	ug/l	2	U	2	U	1	U
Bromomethane	7.6	490	ug/l	2	U	2	U	1	U
Carbon disulfide	810	3100	ug/l	2	U	2	U	1	U
Carbon tetrachloride	4.6	700	ug/l	1	U	1	U	0.5	U
Chlorobenzene	78	2600	ug/l	1	U	1	U	0.5	U
Chloroethane	21000	16000	ug/l	2	U	2	U	1	U
Chloroform	2.2	170	ug/l	1.5	U	1.5	U	0.75	U
Chloromethane	190	11000	ug/l	4	U	4	U	2	U
cis-1,2-Dichloroethene	35	3700	ug/l	1	U	1	U	0.5	U
cis-1,3-Dichloropropene			ug/l	1	U	1	U	0.5	U
Dibromochloromethane	8.7	53000	ug/l	1	U	1	U	0.5	U
Dibromomethane	8.3	280	ug/l	2	U	2	U	1	U
Dichlorodifluoromethane	200	5400	ug/l	4	U	4	U	2	U
Ethyl ether	3900	14000	ug/l	2	U	2	U	1	U
Ethyl methacrylate	630	12000	ug/l	10	U	10	U	5	U
Ethylbenzene	15	1400	ug/l	130		130		1.4	
Hexachlorobutadiene	1.4	230	ug/l	1	U	1	U	0.5	U
Isopropylbenzene	450	500	ug/l	46		45		0.5	U
Methyl tert butyl ether	140	13000	ug/l	2	U	2	U	1	U
Methylene chloride	110	4900	ug/l	6	U	6	U	3	U
n-Butylbenzene	1000	100000	ug/l	21		20		0.5	U
n-Propylbenzene	660	4900	ug/l	110		110		0.5	U
Naphthalene	1.2	19	ug/l	220		170		1	U
o-Chlorotoluene	240	3300	ug/l	2	U	2	U	1	U
p-Chlorotoluene	250	100000	ug/l	2	U	2	U	1	U
p-Isopropyltoluene			ug/l	1.2		1.2		0.5	U
sec-Butylbenzene	2000	100000	ug/l	9.5		9.9		0.5	U
Styrene	1200	15000	ug/l	2	U	2	U	1	U
tert-Butylbenzene	690	25000	ug/l	2	U	2	U	1	U
Tetrachloroethene	41	250	ug/l	1	U	1	U	0.5	U
Tetrahydrofuran	3400	16000	ug/l	4	U	4	U	2	U
Toluene	1100	24000	ug/l	2		2		5.6	
trans-1,2-Dichloroethene	68	3900	ug/l	1.5	U	1.5	U	0.75	U
trans-1,3-Dichloropropene			ug/l	1	U	1	U	0.5	U
trans-1,4-Dichloro-2-butene	0.013	1	ug/l	5	U	5	U	2.5	U
Trichloroethene	2.8	12	ug/l	1	U	1	U	0.5	U
Trichlorofluoromethane	5200	5900	ug/l	2	U	2	U	1	U
Vinyl acetate	410	180	ug/l	10	U	10	U	5	U
Vinyl chloride	0.19	0.22	ug/l	0.4	U	0.4	U	0.2	U
Xylenes, Total	190	2100	ug/l	15		16		6.5	
<b>Volatile Petroleum Hydrocarbons</b>									
C5-C8 Aliphatics, Adjusted	180	960	ug/l	1930		1790		50	U
C9-C10 Aromatics	71	2700	ug/l	1550		1480		50	U
C9-C12 Aliphatics, Adjusted	350	3700	ug/l	608		587		50	U
<b>EPH w/Targets via GCMS-SIM</b>									
2-Methylnaphthalene	36	1500	ug/l	75.4		102		0.4	U
Acenaphthene	540	74000	ug/l	2	U	4	U	0.406	
Acenaphthylene	520	71000	ug/l	2	U	4	U	0.4	U

**TABLE 4 - GROUNDWATER ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID				MW-04	MW-11	MW-09			
SAMPLING DATE				23-JUL-21	23-JUL-21	23-JUL-21			
LAB SAMPLE ID				L2139975-06	L2139975-07	L2139975-08			
	RES	CONST	Units		Qual		Qual		Qual
Anthracene	1800	100000	ug/l	2	U	4	U	0.4	U
Benzo(a)anthracene	0.3	470	ug/l	2	U	4	U	0.656	
Benzo(a)pyrene	0.25	11000	ug/l	1	U	2	U	0.74	
Benzo(b)fluoranthene	2.5	100000	ug/l	2	U	4	U	1.02	
Benzo(ghi)perylene	600	100000	ug/l	2	U	4	U	0.55	
Benzo(k)fluoranthene	25	100000	ug/l	2	U	4	U	0.4	U
C11-C22 Aromatics, Adjusted	600	100000	ug/l	445		582		100	U
C19-C36 Aliphatics	40000	100000	ug/l	234		252		100	U
C9-C18 Aliphatics	350	3900	ug/l	443		474		100	U
Chrysene	250	100000	ug/l	2	U	4	U	0.728	
Dibenzo(a,h)anthracene	0.25	26000	ug/l	2	U	4	U	0.4	U
Fluoranthene	800	100000	ug/l	2	U	4	U	1.6	
Fluorene	290	100000	ug/l	2	U	4	U	0.654	
Indeno(1,2,3-cd)Pyrene	2.5	100000	ug/l	2	U	4	U	0.594	
Naphthalene	1.2	19	ug/l	159		218		0.402	
Phenanthrene	180	58000	ug/l	2	U	4	U	0.618	
Pyrene	120	36000	ug/l	2	U	4	U	1.73	

**Notes:**

Sample Results Comparison with MEDEP Remedial Action Guidelines (RAGs) for Groundwater for Residential (RES) and Construction Worker (CONST) Scenarios.

ug/l = micrograms per kilograms

U = Not Detected Above the Laboratory Detection Limit

**1** = Laboratory Detection Limit Above the Residential RAG

**2** = Laboratory Detection Limit Above the Residential and Construction Worker RAG

**443** = Analytical Result Above the Residential RAG

**159** = Analytical Result Above the Residential and Construction Worker RAG

MW-11 is a duplicate of MW-04

**TABLE 6 - SOIL ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')					
DEPTH						32"	2'	3-5'	3-5'	4-5'					
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21					
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05					
RES	PARK	COMM	CONST	Units		Qual	Qual	Qual	Qual	Qual					
<b>General Chemistry</b>															
Solids, Total						81.1	85.6	80	79.4	83.1					
<b>Volatile Organics by EPA 5035</b>															
1,1,1,2-Tetrachloroethane	30	410	130	480	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,1-Trichloroethane	640	640	640	640	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,2,2-Tetrachloroethane	8.9	88	39	150	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,2-Trichloroethane	2.2	49	9.4	13	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloroethane	53	980	230	850	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloroethene	340	1100	1200	200	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloropropene					mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,2,3-Trichlorobenzene	86	240	1300	2700	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,3-Trichloropropane	0.07	0.2	1.5	4.3	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,4-Trichlorobenzene	86	360	380	400	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,4-Trimethylbenzene	180	200	220	220	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2-Dibromo-3-chloropropane	0.078	1.5	0.96	3.5	mg/kg	0.0076	U	0.17	U	0.012	U	0.0081	U	0.0058	U
1,2-Dibromoethane	0.54	6.8	2.4	8.9	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichlorobenzene	360	370	380	380	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2-Dichloroethane	6.9	110	30	110	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichloroethene, Total					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichloropropane	23	420	99	14	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,3,5-Trimethylbenzene	160	170	180	180	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichlorobenzene	290	290	300	300	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichloropropane	2100	6100	32000	68000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichloropropene, Total	27	210	120	120	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,4-Dichlorobenzene	39	770	170	620	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,4-Dichlorobutane					mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
2,2-Dichloropropane					mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
2-Butanone	20000	25000	28000	11000	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
2-Hexanone	290	1000	2000	300	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
4-Methyl-2-pentanone	3400	3400	3400	3300	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Acetone	52000	81000	100000	98000	mg/kg	0.063	U	0.58	U	0.2	U	0.12	U	0.049	U
Acrylonitrile	3.7	34	17	14	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Benzene	17	230	75	240	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Bromobenzene	380	530	650	620	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Bromochloromethane	220	4000	940	330	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Bromodichloromethane	4.4	83	19	70	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Bromoform	280	720	790	890	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Bromomethane	10	160	45	120	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Carbon disulfide	690	720	740	720	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Carbon tetrachloride	9.7	150	43	160	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Chlorobenzene	410	680	740	740	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Chloroethane	2100	2100	2100	2000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Chloroform	4.7	97	21	75	mg/kg	0.0038	U	0.087	U	0.006	U	0.0041	U	0.0029	U
Chloromethane	160	1300	690	1300	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
cis-1,2-Dichloroethene	200	480	1400	1400	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
cis-1,3-Dichloropropene					mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U

**TABLE 6 - SOIL ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')					
DEPTH						32"	2'	3-5'	3-5'	4-5'					
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21					
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05					
	RES	PARK	COMM	CONST	Units	Qual	Qual	Qual	Qual	Qual					
Dibromochloromethane	110	320	530	3000	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Dibromomethane	35	800	150	190	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Dichlorodifluoromethane	130	830	550	730	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Ethyl ether	21000	61000	100000	8100	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Ethyl methacrylate	1100	1100	1100	830	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Ethylbenzene	86	400	380	470	mg/kg	0.0025	U	0.074	U	0.004	U	0.0027	U	0.0019	U
Hexachlorobutadiene	15	16	16	17	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Isopropylbenzene	260	270	270	270	mg/kg	0.0025	U	0.45	U	0.004	U	0.0027	U	0.0019	U
Methyl tert butyl ether	690	5600	3000	8200	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Methylene chloride	490	1200	2500	1900	mg/kg	0.013	U	0.29	U	0.02	U	0.014	U	0.0097	U
n-Butylbenzene	5400	15000	80000	34000	mg/kg	0.0025	U	4.7	U	0.004	U	0.0027	U	0.0019	U
n-Propylbenzene	260	260	260	260	mg/kg	0.0025	U	3.5	U	0.0086	U	0.0027	U	0.0019	U
Naphthalene	29	150	120	130	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
o-Chlorotoluene	2100	6100	32000	800	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
o-Xylene					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
p-Chlorotoluene	2100	6100	32000	68000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
p-Isopropyltoluene					mg/kg	0.0025	U	0.1	U	0.004	U	0.0027	U	0.0019	U
p/m-Xylene					mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
sec-Butylbenzene	11000	30000	100000	34000	mg/kg	0.0025	U	1.4	U	0.004	U	0.0027	U	0.0019	U
Styrene	830	860	870	860	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
tert-Butylbenzene	11000	30000	100000	34000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Tetrachloroethene	120	150	160	84	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Tetrahydrofuran	27000	100000	100000	20000	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Toluene	750	790	810	820	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
trans-1,2-Dichloroethene	100	1400	450	1200	mg/kg	0.0038	U	0.087	U	0.006	U	0.0041	U	0.0029	U
trans-1,3-Dichloropropene					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
trans-1,4-Dichloro-2-butene	0.11	2.5	0.48	1.8	mg/kg	0.013	U	0.29	U	0.02	U	0.014	U	0.0097	U
Trichloroethene	6.1	77	28	4.2	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Trichlorofluoromethane	32000	91000	100000	940	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Vinyl acetate	1400	2700	2700	140	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Vinyl chloride	0.64	0.71	24	63	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Xylenes, Total	260	260	260	260	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
<b>Volatile Petroleum Hydrocarbons</b>															
C5-C8 Aliphatics	1700	7500	11000	430	mg/kg	9.49	U	561	U	7.41	U	7.11	U	8.65	U
C5-C8 Aliphatics, Adjusted	1700	7500	11000	430	mg/kg	9.49	U	561	U	7.41	U	7.11	U	8.65	U
C9-C10 Aromatics	660	4700	3500	2600	mg/kg	9.49	U	238	U	7.41	U	7.11	U	8.65	U
C9-C12 Aliphatics	2500	17000	14000	2300	mg/kg	9.49	U	694	U	7.41	U	7.11	U	8.65	U
C9-C12 Aliphatics, Adjusted	2500	17000	14000	2300	mg/kg	9.49	U	451	U	7.41	U	7.11	U	8.65	U
<b>EPH w/Targets via GCMS-SIM</b>															
2-Methylnaphthalene	330	930	4100	960	mg/kg	0.164	U	0.46	U	0.032	U	0.034	U	0.077	U
Acenaphthene	4900	14000	62000	48000	mg/kg	0.134	U	0.031	U	0.032	U	0.033	U	0.033	U
Acenaphthylene	4900	14000	45000	48000	mg/kg	0.755	U	0.031	U	0.032	U	0.033	U	0.228	U
Anthracene	25000	70000	100000	100000	mg/kg	0.691	U	0.031	U	0.032	U	0.033	U	0.157	U
Benzo(a)anthracene	16	45	280	1700	mg/kg	4.4	U	0.031	U	0.032	U	0.033	U	1.33	U
Benzo(a)pyrene	1.6	4.5	29	9.9	mg/kg	3.81	U	0.031	U	0.032	U	0.033	U	1.19	U
Benzo(b)fluoranthene	16	45	290	1700	mg/kg	4.48	U	0.031	U	0.032	U	0.033	U	1.27	U

**TABLE 6 - SOIL ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')				
DEPTH						32"	2'	3-5'	3-5'	4-5'				
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21				
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05				
	RES	PARK	COMM	CONST	Units	Qual	Qual	Qual	Qual	Qual				
Benzo(ghi)perylene	2500	7000	23000	72000	mg/kg	2.06	0.031	U	0.032	U	0.033	U	0.576	
Benzo(k)fluoranthene	160	450	2900	17000	mg/kg	1.06	0.031	U	0.032	U	0.033	U	0.286	
C11-C22 Aromatics	2600	7300	33000	74000	mg/kg	106	11.7		7.99	U	8.14	U	50	
C11-C22 Aromatics, Adjusted	2600	7300	33000	74000	mg/kg	63	11.1		7.99	U	8.14	U	38.3	
C19-C36 Aliphatics	100000	100000	100000	100000	mg/kg	11.3	7.72	U	7.99	U	8.14	U	8.69	
C9-C18 Aliphatics	2500	17000	14000	4800	mg/kg	8.05	U	22.5	7.99	U	8.14	U	7.97	U
Chrysene	1600	4500	29000	100000	mg/kg	4.02	0.031	U	0.032	U	0.033	U	1.2	
Dibenzo(a,h)anthracene	1.6	4.5	29	170	mg/kg	0.405	0.031	U	0.032	U	0.033	U	0.127	
Fluoranthene	3300	9300	41000	24000	mg/kg	6.28	0.031	U	0.032	U	0.033	U	1.56	
Fluorene	3300	9300	41000	96000	mg/kg	0.46	0.031	U	0.032	U	0.033	U	0.095	
Indeno(1,2,3-cd)Pyrene	16	45	290	1700	mg/kg	2.24	0.031	U	0.032	U	0.033	U	0.64	
Naphthalene	29	150	120	130	mg/kg	0.229	0.116		0.062		0.06		0.107	
Phenanthrene	2500	7000	23000	72000	mg/kg	4.17	0.031	U	0.032	U	0.033	U	0.739	
Pyrene	2500	7000	31000	72000	mg/kg	7.38	0.032		0.032	U	0.033	U	2.05	

**Notes:**

Sample results compared to MEDEP RAGs for Residential (RES), Park User (PARK), Commercial Worker (COMM), and Construction Worker (CONST) Scenarios.

mg/kg = milligrams per kilogram

U = Not detected above the laboratory detection limit

**0.12** = Laboratory detection limit above the RAG for Residential Scenarios

**3.81** = Analytical result above the RAG for Residential Scenarios

B-11 is a duplicate of B-05

**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-09		SV-02		HA-07		SV-01		HA-06		SV-09	
SAMPLING DATE						23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID						L2140039-02		L2140039-03		L2140039-04		L2140039-05		L2140039-06		L2140039-07	
	RES	RES/0.03	COMM	COMM/0.03	Units		Qual		Qual		Qual		Qual		Qual		Qual
<b>Volatile Organics in Air by SIM</b>																	
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.144	U	0.109	U	0.109	U	0.459	U	0.109	U	0.109	U
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.181	U	0.137	U	0.137	U	0.578	U	0.137	U	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.506	U	0.468		0.383	U	1.61	U	0.468		0.468	
1,1,2-Trichloroethane	0.21	7	0.88	29.3	ug/m3	0.144	U	0.109	U	0.109	U	0.459	U	0.109	U	0.109	U
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.107	U	0.081	U	0.081	U	0.341	U	0.081	U	0.081	U
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.105	U	0.079	U	0.079	U	0.334	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.49	U	0.371	U	0.371	U	1.56	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	1.46		3.52		0.221		7.82		0.251		0.334	
1,2-Dibromoethane	0.047	1.57	0.2	6.7	ug/m3	0.203	U	0.154	U	0.154	U	0.647	U	0.154	U	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.461	U	0.349	U	0.349	U	1.47	U	0.349	U	0.349	U
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.159	U	0.12	U	0.12	U	0.506	U	0.12	U	0.12	U
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.107	U	0.081	U	0.081	U	0.341	U	0.081	U	0.081	U
1,2-Dichloroethene (total)					ug/m3	2.08		0.079	U	0.349	U	0.334	U	0.079	U	0.079	U
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.122	U	0.092	U	0.092	U	4.01		0.092	U	0.092	U
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	0.272		1.37		0.098	U	1.86		0.098	U	0.113	
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.058	U	2.09		0.044	U	2.03		0.044	U	0.044	U
1,3-Dichlorobenzene					ug/m3	3.02		2.1		0.373		0.506	U	0.12	U	0.12	U
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
1,4-Dichlorobenzene	2.6	87	11	367	ug/m3	0.159	U	0.12	U	0.12	U	0.506	U	0.12	U	0.12	U
1,4-Dioxane	5.6	187	25	833	ug/m3	0.476	U	0.36	U	0.36	U	1.52	U	0.36	U	0.36	U
2,2,4-Trimethylpentane					ug/m3	1.23	U	7.01		0.934	U	130		0.934	U	0.934	U
2-Butanone	5200	173333	22000	733333	ug/m3	1.95	U	9.41		1.47	U	26.6		1.47	U	1.47	U
2-Hexanone	31	1033	130	4333	ug/m3	1.08	U	0.82	U	0.82	U	3.45	U	0.82	U	0.82	U
3-Chloropropene	1	33	4.4	147	ug/m3	0.826	U	0.626	U	0.626	U	2.64	U	0.626	U	0.626	U
4-Ethyltoluene					ug/m3	0.136		0.939		0.098	U	1.41		0.098	U	0.098	U
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	2.7	U	3.32		2.05	U	8.61	U	2.05	U	2.05	U
Acetone	32000	1066667	140000	4666667	ug/m3	11.1		40.4		3.63		137		7.82		9.55	
Benzene	3.6	120	16	533	ug/m3	0.62		3.51		0.319	U	67.7		0.319	U	0.319	U
Benzyl chloride	0.57	19	2.5	83	ug/m3	1.37	U	1.04	U	1.04	U	4.36	U	1.04	U	1.04	U
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.177	U	0.134	U	0.134	U	0.564	U	0.134	U	0.134	U
Bromoform	26	867	110	3667	ug/m3	0.273	U	0.207	U	0.207	U	0.871	U	0.207	U	0.207	U
Bromomethane	5.2	173	22	733	ug/m3	0.103	U	0.078	U	0.078	U	0.327	U	0.078	U	0.078	U
Carbon disulfide	730	24333	3100	103333	ug/m3	0.822	U	7.97		0.623	U	12.5		0.623	U	0.623	U
Carbon tetrachloride	4.7	157	20	667	ug/m3	0.705		0.465		0.195		0.925		0.472		0.503	
Chlorobenzene	52	1733	220	7333	ug/m3	0.608	U	0.461	U	0.461	U	1.94	U	0.461	U	0.461	U
Chloroethane	10000	333333	44000	1466667	ug/m3	0.348	U	0.264	U	0.264	U	2.93		0.264	U	0.264	U
Chloroform	1.2	40	5.3	177	ug/m3	0.129	U	0.811		0.098	U	0.947		0.103		0.107	
Chloromethane	94	3133	390	13000	ug/m3	0.981		0.555		0.413	U	12		0.886		0.865	
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	1.9		0.079	U	0.349		0.334	U	0.079	U	0.079	U
cis-1,3-Dichloropropene					ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
Cyclohexane	6300	210000	26000	866667	ug/m3	0.909	U	1.83		0.688	U	8.61		0.688	U	0.688	U
Dibromochloromethane					ug/m3	0.225	U	0.17	U	0.17	U	0.717	U	0.17	U	0.17	U
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	1.92		2.09		0.989	U	4.16	U	2.24		2.14	
Ethyl Acetate					ug/m3	2.38	U	1.8	U	1.8	U	7.57	U	1.8	U	1.8	U
Ethyl Alcohol					ug/m3	29.4		17.7		9.42	U	39.6	U	9.8		9.42	U
Ethylbenzene	11	367	49	1633	ug/m3	0.751		2.62		0.087	U	11.1		0.252		0.204	
Heptane					ug/m3	1.08	U	11.5		0.82	U	91.4		0.82	U	0.82	U

**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-09		SV-02		HA-07		SV-01		HA-06		SV-09	
SAMPLING DATE						23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID						L2140039-02		L2140039-03		L2140039-04		L2140039-05		L2140039-06		L2140039-07	
	RES	RES/0.03	COMM	COMM/0.03	Units		Qual		Qual		Qual		Qual		Qual		Qual
Hexachlorobutadiene	1.3	43	5.6	187	ug/m3	0.704	U	0.533	U	0.533	U	2.24	U	0.533	U	0.533	U
iso-Propyl Alcohol	210	7000	880	29333	ug/m3	1.62	U	1.89		1.23	U	5.16	U	1.23	U	1.23	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.952	U	0.721	U	0.721	U	3.04	U	0.721	U	0.721	U
Methylene chloride	630	21000	2600	86667	ug/m3	2.29	U	6.7		1.74	U	87.5		16.1		11.7	
n-Hexane	730	24333	3100	103333	ug/m3	0.93	U	14.8		0.705	U	111		0.997		0.705	U
Naphthalene	0.83	27.7	3.6	120	ug/m3	0.346	U	0.273		0.262	U	2.85		0.262	U	0.262	U
Propylene					ug/m3	1.29		81.6		0.861	U	1370		0.861	U	0.861	U
Styrene	1000	33333	4400	146667	ug/m3	0.112	U	0.294		0.085	U	7.45		0.085	U	0.085	U
Tetrachloroethene	42	1400	180	6000	ug/m3	685		0.793		111		5.31		0.136		99	
Tetrahydrofuran	2100	70000	8800	293333	ug/m3	1.95	U	10.3		1.47	U	6.99		1.48		4.95	
Toluene	5200	173333	22000	733333	ug/m3	1.02		3.75		0.188	U	125		0.682		0.705	
trans-1,2-Dichloroethene	42	1400	180	6000	ug/m3	0.183		0.079	U	0.079	U	0.334	U	0.079	U	0.079	U
trans-1,3-Dichloropropene					ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
Trichloroethene	2.1	70	8.8	293	ug/m3	7.42		0.107	U	1.13		0.564		0.172		0.188	
Trichlorofluoromethane					ug/m3	1.01		1.19		0.433		1.84		1.16		1.13	
Vinyl acetate	210	7000	880	29333	ug/m3	4.65	U	3.52	U	3.52	U	14.8	U	3.52	U	3.52	U
Vinyl bromide	1.9	63	8.2	273	ug/m3	1.15	U	0.874	U	0.874	U	3.68	U	0.874	U	0.874	U
Vinyl chloride	1.7	57	28	933	ug/m3	0.068	U	0.051	U	0.051	U	0.818		0.051	U	0.051	U
Xylene (Total)	100	3333	440	14667	ug/m3	5.56		16.8		0.421		34.4		1.59		1.33	
<b>Petroleum Hydrocarbons in Air</b>																	
1,3-Butadiene	0.94	31	4.1	137	ug/m3	0.65	U	2.4		0.5	U	210		0.5	U	0.5	U
Benzene	3.6	120	16	533	ug/m3	0.78	U	3.9		0.6	U	75		0.6	U	0.6	U
C5-C8 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	64		660		16		4400		10	U	10	U
C9-C10 Aromatics Total	52	1733	220	7333	ug/m3	13	U	15		10	U	48		10	U	10	U
C9-C12 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	16		140		10	U	300		10	U	10	U
Ethylbenzene	11	367	49	1633	ug/m3	1.2	U	2.8		0.9	U	11		0.9	U	0.9	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.91	U	0.7	U	0.7	U	2.9	U	0.7	U	0.7	U
Naphthalene	0.83	28	3.6	120	ug/m3	1.4	U	1.1	U	1.1	U	4.6	U	1.1	U	1.1	U
Toluene	5200	173333	22000	733333	ug/m3	1.2	U	4.1		0.9	U	130		0.9	U	0.9	U
Xylenes, Total	100	3333	440	14667		5.5		17.1		0.9	U	34		1.9		0.9	U

**Notes:**  
Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios  
RES/0.03 and COM/0.03 = Guidelines after Attenuation Factor Used  
ug/m3 = micrograms per cubic meter  
U = Not Detected Above the Laboratory Detection Limit  
**203** = Detected above the MEDEP RAG for Residential and Commercial Scenarios  
SSV-02 is a duplicate of SSV-01 and SSV-102 is a duplicate of SSV-101

**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SSV-01			SSV-02			HA-01			SV-04			SV-03			SV-101
SAMPLING DATE						23-JUL-21			23-JUL-21			23-JUL-21			23-JUL-21			23-JUL-21			21-DEC-21
LAB SAMPLE ID						L2140039-08			L2140039-09			L2140039-10			L2140039-11			L2140039-12			L2170728-01
	RES	RES/0.03	COMM	COMM/0.03	Units		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
<b>Volatile Organics in Air by SIM</b>																					
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.109	U	0.251		0.109	U	0.128	U	0.367	U	0.109	U				
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.137	U	0.137	U	0.137	U	0.161	U	0.462	U	0.137	U				
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.468		0.46		0.544		0.494		1.29	U	0.498					
1,1,2-Trichloroethane	0.21	7	0.88	29.3	ug/m3	0.109	U	0.109	U	0.109	U	0.128	U	0.367	U	0.109	U				
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.081	U	0.081	U	0.081	U	0.095	U	0.272	U	0.081	U				
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U	0.079	U				
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.371	U	0.371	U	0.371	U	0.435	U	1.25	U	0.371	U				
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	10.6		29.6		2.59		1.24		2.27		0.398					
1,2-Dibromoethane	0.047	1.57	0.2	6.7	ug/m3	0.154	U	0.154	U	0.154	U	0.18	U	0.517	U	0.154	U				
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.349	U	0.349	U	0.349	U	0.41	U	1.17	U	0.349	U				
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.12	U	0.12	U	0.12	U	0.141	U	0.405	U	0.12	U				
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.085		0.089		0.081	U	0.095	U	0.272	U	0.081	U				
1,2-Dichloroethene (total)					ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U	0.079	U				
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.208		0.092	U	0.092	U	0.108	U	0.311	U	0.092	U				
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	4.34		11.9		0.467		0.254		0.331		0.103					
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.199		0.283		0.044	U	0.515		0.149	U	0.704					
1,3-Dichlorobenzene					ug/m3	0.12	U	0.12	U	0.709		2.4		0.465		0.12	U				
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U	0.091	U				
1,4-Dichlorobenzene	2.6	87	11	367	ug/m3	0.12	U	0.138		0.12	U	0.141	U	0.405	U	0.12	U				
1,4-Dioxane	5.6	187	25	833	ug/m3	0.44		1.61		0.36	U	0.422	U	1.21	U	0.36	U				
2,2,4-Trimethylpentane					ug/m3	0.934	U	0.934	U	0.934	U	1.09	U	3.14	U	0.934	U				
2-Butanone	5200	173333	22000	733333	ug/m3	3.89		17.4		1.47	U	2.98		4.95	U	4.69					
2-Hexanone	31	1033	130	4333	ug/m3	0.82	U	0.947		0.82	U	0.959	U	2.76	U	0.82	U				
3-Chloropropene	1	33	4.4	147	ug/m3	0.626	U	0.626	U	0.626	U	0.732	U	2.11	U	0.626	U				
4-Ethyltoluene					ug/m3	1.43		4.22		0.285		0.178		0.331	U	0.098	U				
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	3.92		11.6		2.05	U	2.4	U	6.88	U	2.05	U				
Acetone	32000	1066667	140000	4666667	ug/m3	105		259		13.4		18.9		15.1		29.7					
Benzene	3.6	120	16	533	ug/m3	1.13		1.5		0.591		1.7		1.08	U	0.805					
Benzyl chloride	0.57	19	2.5	83	ug/m3	1.04	U	1.04	U	1.04	U	1.21	U	3.48	U	1.04	U				
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.134	U	0.717		0.134	U	0.157	U	0.451	U	0.134	U				
Bromoform	26	867	110	3667	ug/m3	0.207	U	0.207	U	0.207	U	0.242	U	0.696	U	0.207	U				
Bromomethane	5.2	173	22	733	ug/m3	0.078	U	0.078	U	0.078	U	0.091	U	0.261	U	0.078	U				
Carbon disulfide	730	24333	3100	103333	ug/m3	0.679		1.71		0.623	U	0.729	U	2.1	U	0.623	U				
Carbon tetrachloride	4.7	157	20	667	ug/m3	0.359		0.321		0.497		0.177		0.53		0.176					
Chlorobenzene	52	1733	220	7333	ug/m3	0.461	U	0.461	U	0.461	U	0.539	U	1.55	U	0.461	U				
Chloroethane	10000	333333	44000	1466667	ug/m3	0.264	U	0.264	U	0.264	U	0.309	U	0.889	U	0.264	U				
Chloroform	1.2	40	5.3	177	ug/m3	0.22		7.37		0.107		1.37		0.329	U	0.44					
Chloromethane	94	3133	390	13000	ug/m3	0.413	U	0.413	U	1.15		0.483	U	1.39	U	0.413	U				
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U	0.079	U				
cis-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U	0.091	U				
Cyclohexane	6300	210000	26000	866667	ug/m3	0.688	U	0.688	U	0.688	U	0.805	U	2.32	U	0.688	U				
Dibromochloromethane					ug/m3	0.17	U	0.17	U	0.17	U	0.199	U	0.573	U	0.17	U				
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	2.13		2.3		2.15		2.06		3.33	U	2.5					
Ethyl Acetate					ug/m3	1.8	U	1.8	U	1.8	U	2.11	U	6.05	U	1.8	U				
Ethyl Alcohol					ug/m3	64.8		219		22.8		27.9		31.7	U	80.6					
Ethylbenzene	11	367	49	1633	ug/m3	0.83		2.29		1.5		0.999		1.46		0.469					
Heptane					ug/m3	1.07		0.959		0.82	U	1.9		2.76	U	1.07					



**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SSV-01		SSV-02		HA-01		SV-04		SV-03		SV-101	
SAMPLING DATE						23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		21-DEC-21	
LAB SAMPLE ID						L2140039-08		L2140039-09		L2140039-10		L2140039-11		L2140039-12		L2170728-01	
	RES	RES/0.03	COMM	COMM/0.03	Units		Qual		Qual		Qual		Qual		Qual		Qual
Hexachlorobutadiene	1.3	43	5.6	187	ug/m3	0.533	U	0.533	U	0.533	U	0.625	U	1.79	U	0.533	U
iso-Propyl Alcohol	210	7000	880	29333	ug/m3	4.65		14.7		1.23	U	1.44	U	4.13	U	2.78	
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.721	U	0.721	U	0.721	U	0.844	U	2.43	U	0.721	U
Methylene chloride	630	21000	2600	86667	ug/m3	1.98		1.74	U	1.74	U	2.04	U	5.84	U	1.74	U
n-Hexane	730	24333	3100	103333	ug/m3	0.705	U	0.705	U	0.705	U	4.02		2.41		2.27	
Naphthalene	0.83	27.7	3.6	120	ug/m3	0.278		1.18		0.294		0.307	U	0.881	U	0.262	U
Propylene					ug/m3	1.24		1.89		1.32		5.06		2.89	U	4.97	
Styrene	1000	33333	4400	146667	ug/m3	0.141		0.383		0.085	U	0.224		0.287	U	0.102	
Tetrachloroethene	42	1400	180	6000	ug/m3	2.5		2.29		0.183		0.787		0.479		0.17	
Tetrahydrofuran	2100	70000	8800	293333	ug/m3	1.47	U	11.1		1.47	U	1.73	U	4.95	U	1.47	U
Toluene	5200	173333	22000	733333	ug/m3	8.55		9.46		1.48		4.07		1.51		2.71	
trans-1,2-Dichloroethene	42	1400	180	6000	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U	0.079	U
trans-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U	0.091	U
Trichloroethene	2.1	70	8.8	293	ug/m3	0.107	U	0.107	U	0.107	U	0.126	U	0.362	U	0.107	U
Trichlorofluoromethane					ug/m3	1.15		1.18		1.34		1.18		1.19		1.24	
Vinyl acetate	210	7000	880	29333	ug/m3	3.52	U	3.52	U	3.52	U	4.12	U	11.9	U	3.52	U
Vinyl bromide	1.9	63	8.2	273	ug/m3	0.874	U	0.874	U	0.874	U	1.02	U	2.94	U	0.874	U
Vinyl chloride	1.7	57	28	933	ug/m3	0.051	U	0.051	U	0.051	U	0.06	U	0.172	U	0.051	U
Xylene (Total)	100	3333	440	14667	ug/m3	3.85		10.2		11.8		5.08		9.56		1.69	
<b>Petroleum Hydrocarbons in Air</b>																	
1,3-Butadiene	0.94	31	4.1	137	ug/m3	0.5	U	0.5	U	0.5	U	0.6	U	1.7	U	0.52	
Benzene	3.6	120	16	533	ug/m3	1.3		1.6		0.66		2		2	U	0.72	
C5-C8 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	75		170		70		140		92		31	
C9-C10 Aromatics Total	52	1733	220	7333	ug/m3	50		120		10	U	12	U	34	U	10	U
C9-C12 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	20		78		12		18		34	U	12	
Ethylbenzene	11	367	49	1633	ug/m3	0.9	U	2.3		1.5		1.1	U	3.1	U	0.9	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.7	U	0.7	U	0.7	U	0.84	U	2.4	U	0.7	U
Naphthalene	0.83	28	3.6	120	ug/m3	1.1	U	1.5		1.1	U	1.3	U	3.7	U	1.1	U
Toluene	5200	173333	22000	733333	ug/m3	9.2		10		1.6		4.5		3.1	U	2.9	
Xylenes, Total	100	3333	440	14667		4.1		10.4		11.9		5.4		10		1.2	

**Notes:**

Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios

RES/0.03 and COM/0.03 = Guidelines after Attenuation Factor Used

ug/m3 = micrograms per cubic meter

U = Not Detected Above the Laboratory Detection Limit

**203** = Detected above the MEDEP RAG for Residential and Commer

SSV-02 is a duplicate of SSV-01 and SSV-102 is a duplicate of SSV-101

**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SV-102	SV-103	SSV-101	SSV-102				
SAMPLING DATE						21-DEC-21	21-DEC-21	21-DEC-21	21-DEC-21				
LAB SAMPLE ID						L2170728-02	L2170728-03	L2170728-04	L2170728-05				
	RES	RES/0.03	COMM	COMM/0.03	Units	Qual	Qual	Qual	Qual				
<b>Volatile Organics in Air by SIM</b>													
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.109	U	0.109	U	0.109	U	0.186	
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.137	U	0.137	U	0.137	U	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.552		0.506		0.544		0.56	
1,1,2-Trichloroethane	0.21	7	0.88	29.3	ug/m3	0.109	U	0.109	U	0.109	U	0.109	U
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.081	U	0.081	U	0.081	U	0.081	U
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.079	U	0.079	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.371	U	0.371	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	0.516		1.24		0.177		3.95	
1,2-Dibromoethane	0.047	1.57	0.2	6.7	ug/m3	0.154	U	0.154	U	0.154	U	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.349	U	0.349	U	0.349	U	0.349	U
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.12	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.081	U	0.081	U	0.081		0.117	
1,2-Dichloroethene (total)					ug/m3	0.079	U	0.079	U	0.079	U	0.079	U
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.092	U	0.092	U	0.092	U	0.092	U
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	0.118		0.31		0.098	U	3.17	
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.064		1.14		0.066		0.427	
1,3-Dichlorobenzene					ug/m3	0.12	U	0.12	U	0.12	U	0.12	U
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.091	U	0.091	U	0.091	U	0.091	U
1,4-Dichlorobenzene	2.6	87	11	367	ug/m3	0.12	U	0.12	U	0.12	U	0.12	U
1,4-Dioxane	5.6	187	25	833	ug/m3	0.36	U	0.36	U	0.36	U	0.36	U
2,2,4-Trimethylpentane					ug/m3	0.934	U	0.934	U	0.934	U	0.934	U
2-Butanone	5200	173333	22000	733333	ug/m3	1.73		6.72		1.47	U	8.52	
2-Hexanone	31	1033	130	4333	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U
3-Chloropropene	1	33	4.4	147	ug/m3	0.626	U	0.626	U	0.626	U	0.626	U
4-Ethyltoluene					ug/m3	0.128		0.28		0.098	U	1.13	
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	2.05	U	2.05	U	2.05	U	2.55	
Acetone	32000	1066667	140000	4666667	ug/m3	15		40.4		14.3		234	
Benzene	3.6	120	16	533	ug/m3	0.802		1.87		0.559		3.58	
Benzyl chloride	0.57	19	2.5	83	ug/m3	1.04	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.134	U	0.134	U	0.134	U	0.134	U
Bromoform	26	867	110	3667	ug/m3	0.207	U	0.207	U	0.207	U	0.207	U
Bromomethane	5.2	173	22	733	ug/m3	0.078	U	0.078	U	0.078	U	0.078	U
Carbon disulfide	730	24333	3100	103333	ug/m3	0.623	U	0.623	U	0.623	U	48	
Carbon tetrachloride	4.7	157	20	667	ug/m3	0.126	U	0.39		0.447		0.421	
Chlorobenzene	52	1733	220	7333	ug/m3	0.461	U	0.461	U	0.461	U	0.461	U
Chloroethane	10000	333333	44000	1466667	ug/m3	0.264	U	0.264	U	0.264	U	0.264	U
Chloroform	1.2	40	5.3	177	ug/m3	0.313		0.205		0.19		0.244	
Chloromethane	94	3133	390	13000	ug/m3	0.902		1.05		1.11		1.17	
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.091	U
Cyclohexane	6300	210000	26000	866667	ug/m3	0.688	U	0.881		0.688	U	0.688	U
Dibromochloromethane					ug/m3	0.17	U	0.17	U	0.17	U	0.17	U
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	2.45		2.58		2.62		2.65	
Ethyl Acetate					ug/m3	1.8	U	1.8	U	1.8	U	1.8	U
Ethyl Alcohol					ug/m3	62.9		35.2		27.1		26.8	
Ethylbenzene	11	367	49	1633	ug/m3	0.76		1.23		0.182		2.73	
Heptane					ug/m3	0.82	U	2.26		0.82	U	1.57	

**TABLE 8 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS DAVIS  
MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SV-102	SV-103	SSV-101	SSV-102			
SAMPLING DATE						21-DEC-21	21-DEC-21	21-DEC-21	21-DEC-21			
LAB SAMPLE ID						L2170728-02	L2170728-03	L2170728-04	L2170728-05			
	RES	RES/0.03	COMM	COMM/0.03	Units	Qual	Qual	Qual	Qual			
Hexachlorobutadiene	1.3	43	5.6	187	ug/m3	0.533	U	0.533	U	0.533	U	
iso-Propyl Alcohol	210	7000	880	29333	ug/m3	1.72		1.55		7.74	12.3	
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.721	U	0.721	U	0.721	U	
Methylene chloride	630	21000	2600	86667	ug/m3	1.74	U	1.74	U	1.74	U	
n-Hexane	730	24333	3100	103333	ug/m3	1.5		3.81		0.705	U	
Naphthalene	0.83	27.7	3.6	120	ug/m3	0.262	U	0.262	U	0.262	U	
Propylene					ug/m3	0.861	U	8.19		0.861	U	
Styrene	1000	33333	4400	146667	ug/m3	0.085	U	0.162		0.085	U	
Tetrachloroethene	42	1400	180	6000	ug/m3	0.21		0.136	U	0.163		
Tetrahydrofuran	2100	70000	8800	293333	ug/m3	1.47	U	1.47	U	1.47	U	
Toluene	5200	173333	22000	733333	ug/m3	4.15		5.35		0.987		
trans-1,2-Dichloroethene	42	1400	180	6000	ug/m3	0.079	U	0.079	U	0.079	U	
trans-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	
Trichloroethene	2.1	70	8.8	293	ug/m3	0.107	U	0.107	U	0.107	U	
Trichlorofluoromethane					ug/m3	1.3		1.31		1.35		
Vinyl acetate	210	7000	880	29333	ug/m3	3.52	U	3.52	U	3.52	U	
Vinyl bromide	1.9	63	8.2	273	ug/m3	0.874	U	0.874	U	0.874	U	
Vinyl chloride	1.7	57	28	933	ug/m3	0.051	U	0.051	U	0.051	U	
Xylene (Total)	100	3333	440	14667	ug/m3	3.34		5.86		0.782		
<b>Petroleum Hydrocarbons in Air</b>												
1,3-Butadiene	0.94	31	4.1	137	ug/m3	0.5	U	0.87		0.5	U	
Benzene	3.6	120	16	533	ug/m3	0.73		1.7		0.6	U	
C5-C8 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	23		54		10	U	
C9-C10 Aromatics Total	52	1733	220	7333	ug/m3	10	U	10	U	10	U	
C9-C12 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	10	U	14		32	1000	
Ethylbenzene	11	367	49	1633	ug/m3	0.9	U	1.4		0.9	U	
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.7	U	0.7	U	0.7	U	
Naphthalene	0.83	28	3.6	120	ug/m3	1.1	U	1.1	U	1.1	U	
Toluene	5200	173333	22000	733333	ug/m3	4.5		5.7		1		
Xylenes, Total	100	3333	440	14667		3.6		6.2		0.9	U	

**Notes:**

Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios

RES/0.03 and COM/0.03 = Guidelines after Attenuation Factor Used

ug/m3 = micrograms per cubic meter

U = Not Detected Above the Laboratory Detection Limit

**203** = Detected above the MEDEP RAG for Residential and Commer

SSV-02 is a duplicate of SSV-01 and SSV-102 is a duplicate of SSV-101

**TABLE 9 - INDOOR AIR ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID			IA-01		IA-101	
SAMPLING DATE			23-JUL-21		22-DEC-21	
LAB SAMPLE ID			L2140039-01		L2170728-06	
	RES	COM		Qual		Qual
<b>Volatile Organics in Air by SIM</b>						
1,1,1-Trichloroethane	5200	22000	0.109	U	0.109	U
1,1,2,2-Tetrachloroethane	0.48	2.1	0.137	U	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	22000	0.491		0.56	
1,1,2-Trichloroethane	0.21	0.88	0.109	U	0.109	U
1,1-Dichloroethane	18	77	0.081	U	0.081	U
1,1-Dichloroethene	210	880	0.079	U	0.079	U
1,2,4-Trichlorobenzene	2.1	8.8	0.371	U	0.371	U
1,2,4-Trimethylbenzene	63	260	0.811		0.098	U
1,2-Dibromoethane	0.047	0.2	0.154	U	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane			0.349	U	0.349	U
1,2-Dichlorobenzene	210	880	0.12	U	0.12	U
1,2-Dichloroethane	1.1	4.7	1.47		0.081	U
1,2-Dichloroethene (total)			0.079	U	0.079	U
1,2-Dichloropropane	4.2	18	0.194		0.092	U
1,3,5-Trimethylbenzene	63	260	0.285		0.098	U
1,3-Butadiene	0.94	4.1	0.08		0.091	
1,3-Dichlorobenzene			0.12	U	0.12	U
1,3-Dichloropropene, Total	7	31	0.091	U	0.091	U
1,4-Dichlorobenzene	2.6	11	0.204		0.12	U
1,4-Dioxane	5.6	25	0.587		0.36	U
2,2,4-Trimethylpentane			0.934	U	0.934	U
2-Butanone	5200	22000	1.86		1.47	U
2-Hexanone	31	130	0.82	U	0.82	U
3-Chloropropene	1	4.4	0.626	U	0.626	U
4-Ethyltoluene			0.098	U	0.098	U
4-Methyl-2-pentanone	3100	13000	2.05	U	2.05	U
Acetone	32000	140000	119		17.2	
Benzene	3.6	16	0.412		0.687	
Benzyl chloride	0.57	2.5	1.04	U	1.04	U
Bromodichloromethane	0.76	3.3	0.134	U	0.134	U
Bromoform	26	110	0.321		0.207	U
Bromomethane	5.2	22	0.078	U	0.078	U
Carbon disulfide	730	3100	0.623	U	0.623	U
Carbon tetrachloride	4.7	20	0.516		0.465	
Chlorobenzene	52	220	0.461	U	0.461	U
Chloroethane	10000	44000	0.264	U	0.264	U
Chloroform	1.2	5.3	0.239		0.405	
Chloromethane	94	390	1.24		1.09	
cis-1,2-Dichloroethene	830	3500	0.079	U	0.079	U
cis-1,3-Dichloropropene			0.091	U	0.091	U
Cyclohexane	6300	26000	0.688	U	0.688	U
Dibromochloromethane			0.17	U	0.17	U
Dichlorodifluoromethane	100	440	2.25		2.73	
Ethyl Acetate			1.8	U	1.8	U
Ethyl Alcohol			935		71.8	
Ethylbenzene	11	49	1.62		0.174	
Heptane			11		0.82	U
Hexachlorobutadiene	1.3	5.6	0.533	U	0.533	U
iso-Propyl Alcohol	210	880	41.5		12.9	
Methyl tert butyl ether	110	470	0.721	U	0.721	U
Methylene chloride	630	2600	1.74	U	1.74	U
n-Hexane	730	3100	2.5		0.705	U
Naphthalene	0.83	3.6	0.587		0.262	U
Propylene			0.861	U	1.79	
Styrene	1000	4400	0.341		0.085	U
Tetrachloroethene	42	180	0.136	U	0.136	U
Tetrahydrofuran	2100	8800	1.47	U	1.47	U
Toluene	5200	22000	184		0.739	
trans-1,2-Dichloroethene	42	180	0.079	U	0.079	U
trans-1,3-Dichloropropene			0.091	U	0.091	U
Trichloroethene	2.1	8.8	0.107	U	0.107	U
Trichlorofluoromethane			1.19		1.44	
Vinyl acetate	210	880	3.52	U	3.52	U
Vinyl bromide	1.9	8.2	0.874	U	0.874	U
Vinyl chloride	1.7	28	0.051	U	0.051	U
Xylene (Total)	100	440	8.43		0.699	
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	0.94	4.1	0.5	U	0.5	U
Benzene	3.6	16	0.6	U	0.63	
C5-C8 Aliphatics, Adjusted	210	880	1600		10	U
C9-C10 Aromatics Total	52	220	16		10	U
C9-C12 Aliphatics, Adjusted	210	880	930		37	
Ethylbenzene	11	49	1.8		0.9	U
Methyl tert butyl ether	110	470	0.7	U	0.7	U
Naphthalene	0.83	3.6	1.1	U	1.1	U
Toluene	5200	22000	200		0.9	U
Xylenes, Total	100	400	8.6		0.9	U

**Notes:**

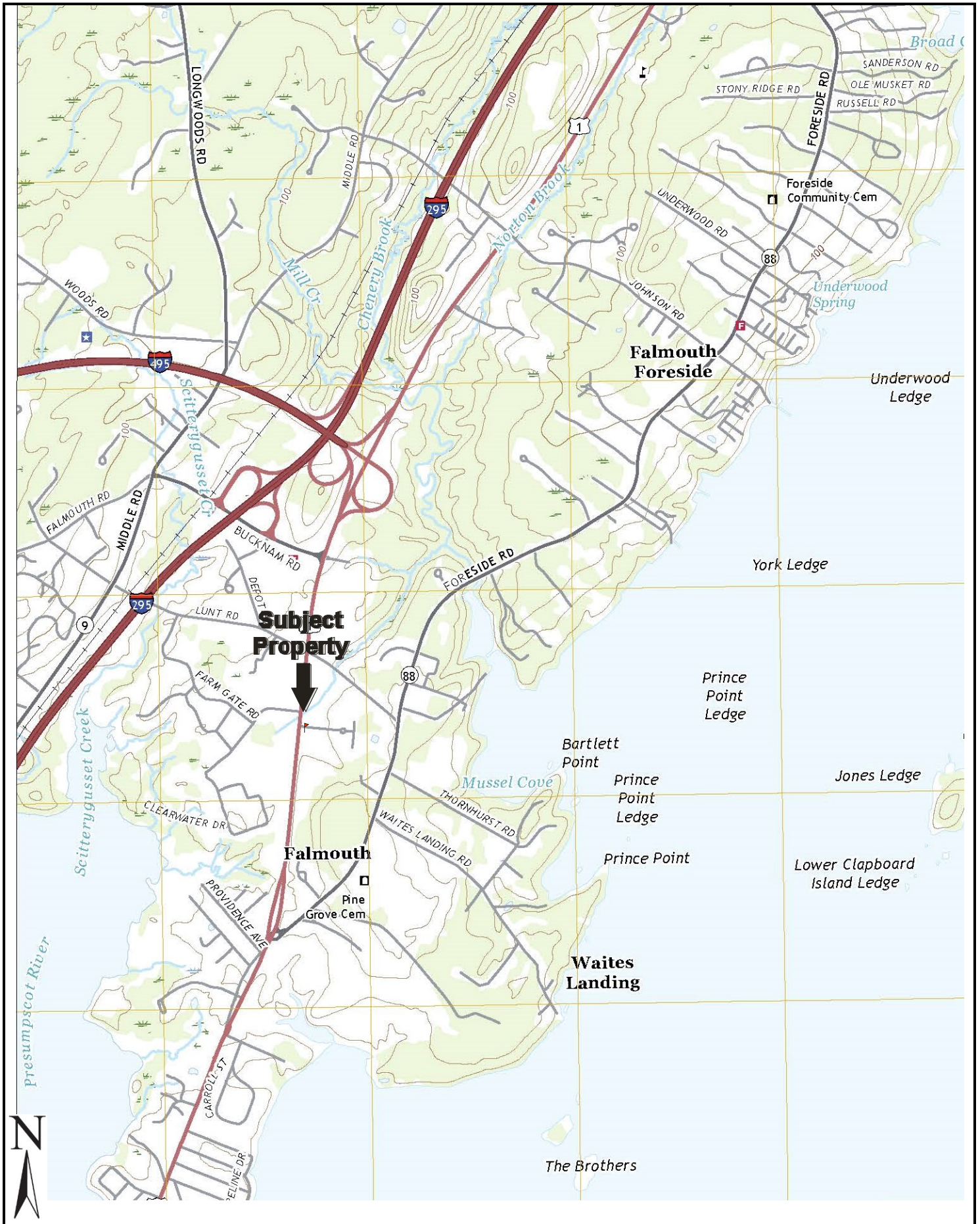
Sample Results Comparison with Maine RAGs for Indoor Air in Residential (RES) and Commercial (COM) Scenarios.

ug/m3 = micrograms per cubic meter

U = Not Detected Above the Laboratory Detection Limit

1.1	= Detection Limit Above the RES
1.47	= Analytical Result Above RES
1600	= Analytical Result Above RES and COM

**ACCENT DRY CLEANERS (aka DAVIS MOTEL)  
FIGURES**



**FIGURE 1 – SITE LOCATION MAP**  
**Project No. BE-365**

Drawing Not To Scale





- |  |                            |  |                        |  |             |
|--|----------------------------|--|------------------------|--|-------------|
|  | BORING or AUGER/SOIL VAPOR |  | BORING/WELL/SOIL VAPOR |  | HAND AUGER  |
|  | INDOOR AIR SAMPLE          |  | SUB SLAB SOIL VAPOR    |  | SOIL BORING |

**FIGURE 2: SAMPLE LOCATION PLAN**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**  
 Project No.: BE-365

**QUALITY CLEANERS  
REFERENCES**

- [1] Cressey, John. Beacon Environmental Consultants, LLC. 2022. Phase II Environmental Site Assessment for Davis Motel (aka Accent Dry Cleaning), Falmouth, Maine. February 10, 2022.
- [2] Cressey, John. Beacon Environmental Consultants, LLC. 2021. Phase II Environmental Site Assessment for Davis Motel (aka Accent Dry Cleaning), Falmouth, Maine. November 10, 2021.
- [3] Benedict, Lucas. Acorn Engineering, Inc. 2020. Phase I Environmental Assessment for Accent Cleaners/Davis Motel, Maine. May 15, 2020.
- [4] Wolfertz, Ted. ME DEP. 2018. Sampling Results Letter and Analytical Data for 211 US Rouye 1, Falmouth, ME (a.k.a. Accent Dry Cleaners).



**APPENDIX A**

**ACCENT DRY CLEANERS (AKA DAVIS MOTEL)**

**PHOTOGRAPH LOG**



**Photo No. 1**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
View of the site building  
from the south.

**Photo By:** JKC



**Photo No. 2**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
MW-04 to the southeast  
of the site building.

**Photo By:** JKC



**Photo No.** 3

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
Location B-10.

**Photo By:** JKC



**Photo No.** 4

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
May 26, 2021

**Description:**  
Location B-08.

**Photo By:** JKC



**Photo No.** 5

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
Locations SV-04, B-07  
and B-04.

**Photo By:** JKC



**Photo No.** 6

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23 2021

**Description:**  
Location HA-01 within the  
water line to the east of  
the site building.

**Photo By:** JKC

**APPENDIX B**

**DAVIS MOTEL (AKA ACCENT DRY CLEANERS)**

**2021 PHASE II ESA (November 10, 2021)**



**PHASE II ENVIRONMENTAL SITE ASSESSMENT  
DAVIS MOTEL (AKA ACCENT DRY CLEANING)  
211 US ROUTE 1  
FALMOUTH, MAINE**



**PREPARED FOR:**  
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION  
17 STATE HOUSE STATION  
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November 10, 2021

BE-365

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## **EXECUTIVE SUMMARY**

Beacon Environmental Consultants, LLC (Beacon) was retained by the Maine Department of Environmental Protection (MEDEP) to conduct a Phase II Environmental Site Assessment (ESA) at the former Davis Motel (aka Accent Dry Cleaning) Property located at 211 US Route 1 in the Town of Falmouth, Cumberland County, Maine. The purpose of the Phase II ESA was to investigate conditions at the property in order to identify and delineate areas of subsurface, groundwater, and soil vapor contamination.

Acorn Engineering, Inc. (Acorn) completed a Phase I ESA on behalf of the MEDEP in July 2020. Based on the Phase I ESA, Acorn determined that the following Recognized Environmental Conditions (RECs) existed on the property:

1. The property may have been operated as a dry cleaner in the past and; therefore, may have impacts to soil, groundwater, and/or soil gas on the property.
2. An excavation to remove underground storage tanks (USTs) on the property may have left petroleum-impacted soil on the property. A letter from the MEDEP Voluntary Response Action Program (VRAP) requested an investigation to determine if this was the case.

Acorn recommended that further investigation was warranted to evaluate these RECs.

Beacon developed a Work Plan in July 2020 to support the DCI Investigation. On July 23, 2021, Beacon performed the following work as part of the DCI Investigation for the Site:

- Advanced ten (10) soil borings utilizing a Geoprobe track-mounted rig and collected four (4) soil samples and a duplicate for laboratory analysis.
- Installed two (2) temporary monitoring wells and collected two (2) groundwater samples, and one duplicate, for laboratory analysis.
- Installed one (1) sub slab soil vapor point and collected one (1) sub slab soil vapor sample and a duplicate, for laboratory analysis.
- Installed nine (9) soil gas sample points and collected nine (9) soil vapor samples for laboratory analysis.
- Installed one (1) indoor air SUMMA canister and collected one (1) indoor ambient air sample.

Soil and groundwater samples collected from Site investigations were submitted to Alpha Analytical Laboratory (Alpha) in Westboro, Massachusetts for laboratory analysis of Volatile Petroleum Hydrocarbon (VPH) ranges, Volatile Organic Compounds (VOCs) and Extractible Petroleum Hydrocarbon (EPH) ranges and compounds.

The sub slab soil vapor samples, soil vapor samples, and the indoor air sample collected from Site investigations was submitted to Alpha in Mansfield, Massachusetts for laboratory analysis of Air Petroleum ranges and compounds and VOCs.

There are exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There are exceedances to

the current residential RAGs for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There is an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There is an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building.

Beacon recommends the following:

- Sub slab soil vapor and an indoor air sample should be collected from the Lazy Bones building.
- A review of the chemicals used within the Half Moon Décor building should be completed to determine if there is a source of within the building causing the elevated ambient air results.
- The property manager should complete the VRAP process as the MEDEP had recommended in 2017.



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Table 2: Soil Sample Analytical Results

Table 3: Groundwater Analytical Results

Table 4: Sub Slab Soil Vapor and Soil Vapor Sample Analytical Results

Table 5: Indoor Air Sample Analytical Results

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Figure 1: Location Map

Figure 2: Sample Location Plan

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Appendix A: Photographs

Appendix B: Boring Logs

Appendix C: Soil Vapor Sampling Field Sheets

Appendix D: Alpha Analytical Laboratory Reports

## 1.0 INTRODUCTION

This Phase II Environmental Site Assessment (ESA) was conducted, by Beacon Environmental Consultants, LLC (Beacon), for the Maine Department of Environmental Protection (MEDEP) under a grant from the United States Environmental Protection Agency (USEPA). The Conceptual Site Model (CSM) was created to address data gaps from previous environmental investigations completed on the property.

### 1.1 Purpose

Beacon was retained by the MEDEP to conduct this Phase II ESA to investigate conditions at the former Davis Motel (aka Accent Dry Cleaning) property (MEDEP #REMO1204) located at 211 US Route 1, Falmouth, Cumberland County, Maine in order to identify potential impacts to subsurface, groundwater, and soil gas.

### 1.2 Special Terms and Conditions

This report has been prepared for the exclusive use of the MEDEP and should not be reproduced or disseminated without the written approval of Beacon or the MEDEP. Beacon has retained a copy of this report. No additions or deletions are authorized without the written consent of Beacon. Use of this report in whole or in part by parties other than the Client or his/her authorized agent is prohibited.

### 1.3 Limitations and Exceptions of Assessment

Beacon did not identify limitations or exceptions in the development of this assessment.

## 2.0 BACKGROUND

### 2.1 Site Description and Features

The Site is approximately 2.0 acres, located at 211 US Route 1 in the Town of Falmouth. The Site is identified by the Town of Falmouth's Assessor's Office as Lot 35 on Tax Map U11.

The Site is located at 211 US Route 1 in a commercial area of Falmouth identified as the VC1 – Village Center 1 Zone. Three businesses with four structures built between 1939 and 1940 are located on the property. Two larger buildings are associated with the Falmouth Inn motel, whose address is listed as 209 US Route 1. A third building operates as a home décor and design studio called Half Moon Décor (211 US Route 1), while a fourth structure provides pet grooming services called Lazy Bones (213 US Route 1).

See **Figure 1** for a Site Location Map.

The area surrounding the site is primarily commercial usage.

### 2.2 Physical Setting

Based on a review of the Surficial Geologic Map of the Portland East Quadrangle, Maine Map (Alexa Bernotavicz, 1999), surficial soils at the Site are identified as soils of the Presumpscot Formation (Pp). The Presumpscot Formation soils are comprised of fine-grained, gray to bluish-gray silt and clay with minor sand that was deposited during the marine submergence of the coastal zone.

PHASE II ESA – DAVIS MOTEL (AKA ACCENT DRY CLEANING), FALMOUTH, MAINE

According to the Bedrock Geology of the Portland East Quadrangle Map (Arthur M. Hussey II, 2003), bedrock at the Site is composed of the Richmond Corner Formation, which consists of medium brownish gray quartz-plagioclase-biotite gneiss locally with almanditic garnet and sillimanite.

According to the Significant Sand & Gravel Aquifers of the Portland East Quadrangle, Maine Map (Craig D. Neil, 1999) the Site is not located within a significant sand and gravel aquifer.

### **2.3 Site History and Land Use**

The portion of the property being assessed was developed as a gasoline station in 1949 with gasoline underground storage tanks that were removed in 1980. After the gasoline station it was renovated into Mr. D's Restaurant. After Mr. D's Restaurant closed the building was converted into a consignment store and then into its current use as a home décor gallery. The small structure to the southeast of this building has been used as a seafood restaurant, photography shop, pet grooming center, tanning salon, marine auto services building and now as a pet grooming center again.

### **2.4 Adjacent Property Land Use**

The Site is bounded to the north by Fundy Road, to the west by US Route 1 and to the east and south by commercial properties.

### **2.5 Summary of Previous Assessments**

#### ***Phase I ESA, conducted by F.M. Beck, Inc. dated February 17, 1994***

On February 17, 1994, F.M. Beck completed a Phase I ESA report for the Site, which identified the following RECs:

- DEP records from June and July 1980 indicate that four 4,000-gallon gasoline tanks and one 1,500-gallon waste oil tanks were removed. One of the gasoline tanks had a hole. It is possible that soil and groundwater contamination occurred.
- Also in 1980, one of the four underground home heating oil tanks was found to be leaking.

#### ***Phase II and Limited Phase III Environmental Site Assessment conducted by Sebago Technics, Inc. dated July 20, 1990***

In April 1994, Sebago Technics, Inc. (Sebago) conducted a subsurface investigation and underground storage tank removal in the vicinity of the Former Garage and the paved parking/driveway area in the southwestern portion of the Site.

During the investigation, four unregistered USTs were identified. Two were 500 gallons and two were 2,75-gallons in size. All four of these USTs were determined to have been heating oil USTs and all had leaked at some point in the past. An estimate of approximately 120 cubic yards of impacted soil was made by Sebago.

A recommendation to complete the soil removal and enter into the Voluntary Response Action Program (VRAP) program was made.

#### ***VRAP Audit Letter – MEDEP, November 17, 2017***

According to this letter, “the Department has determined that the Site is currently not in compliance with the conditions required to receive liability protections under the VRAP”. A recommendation was made by the MEDEP to the property owner to complete the VRAP process by hiring an environmental consultant to perform additional investigations in connection to the past usages on the property to attempt to identify if impacts still remain on the property.

***Soil Vapor Screening – MEDEP, November 1, 2018.***

In June 2018, the MEDEP completed a Soil Vapor Screening survey adjacent to the assumed former dry cleaner on the property. Four soil gas samples were collected and submitted to Alpha for analysis of chlorinated volatile compounds.

PCE was detected in all four soil vapor samples collected. The MEDEP recommended a Phase I ESA, and possibly a Phase II ESA, be completed to adequately put these samples results into context with historical usage of the property.

***Phase I Environmental Site Assessment, prepared by Acorn Engineering, Inc., dated July 24, 2020.***

On July 24, 2020, Acorn Engineering, Inc. (acorn) completed a Phase I ESA report for the Site, which identified the following RECs:

1. The property may have been operated as a dry cleaner in the past and; therefore, may have impacts to soil, groundwater, and/or soil gas on the property.
2. An excavation to remove underground storage tanks (USTs) on the property may have left petroleum-impacted soil on the property. A letter from the MEDEP Voluntary Response Action Program (VRAP) requested an investigation to determine if this was the case.

Acorn recommended the following:

- Get permission to access the Site building;
- Complete an inventory of hazardous materials and/or chemicals stored in the Site building;
- Remove hazardous substances and petroleum products and properly dispose of them at an appropriate disposal facility;
- To more thoroughly assess the presence of areas of staining, stressed vegetation and corrosion Acorn also recommended another site reconnaissance of areas covered by snow and ice during the initial site reconnaissance; and
- Collect and analyze soil vapor, indoor and outdoor air, and soil and groundwater samples at representative locations (e.g., on-Site and off-Site) to determine if impacts from the potential release of chemicals associated with dry cleaning operations are present.

## 3.0 Work Performed and Rationale

### 3.1 Scope of Assessment

The Scope of this DCI Investigation was to attempt to determine if impacts were present in subsurface soil, groundwater, or soil vapor. See **Appendix A** for site photographs.

### 3.2 Conceptual Site Model

#### Site Familiarity

Beacon reviewed a Phase I ESA completed by Acorn in July 2020, which included Site history research and an exterior reconnaissance to identify potential Contaminants of Concern (COCs) and to serve as the basis for proposed investigations.

#### Sitewide Considerations

The property was formerly operated as an automotive garage and potentially a dry cleaner. A soil removal and investigation determined that petroleum compounds were present within soil and groundwater and an MEDEP investigation determined that chlorinated compounds were present within soil gas around the structure. EPH ranges and target PAH compounds, VPH ranges and target VOCs, are potential COCs in connection with the area and downgradient thereof in soil and/or groundwater.

<b>SITE CONCEPTUAL MODEL SUMMARY</b>	
POSSIBLE SOURCE AREAS	Site-wide Considerations
CONTAMINANTS OF CONCERN	<p>Soil</p> <ul style="list-style-type: none"> <li>• Extractable Petroleum Hydrocarbons (EPH)</li> <li>• Volatile Petroleum Hydrocarbons (VPH)</li> <li>• Volatile Organic Compounds (VOCs)</li> </ul> <p>Groundwater</p> <ul style="list-style-type: none"> <li>• Extractable Petroleum Hydrocarbons (EPH)</li> <li>• Volatile Petroleum Hydrocarbons (VPH)</li> <li>• Volatile Organic Compounds (VOCs)</li> </ul> <p>Soil Gas</p> <ul style="list-style-type: none"> <li>• Air Petroleum Hydrocarbons (APH)</li> <li>• VOCs</li> </ul>
POTENTIAL MEDIA AFFECTED	Soil, Groundwater, and Soil Vapor
POTENTIAL EXPOSURE ROUTES	<p>Exposure pathways for contamination in soil:</p> <ul style="list-style-type: none"> <li>• Direct contact for site workers</li> <li>• Inhalation of fugitive emissions (dust) during site use</li> </ul> <p>Exposure pathways for contamination in groundwater</p> <ul style="list-style-type: none"> <li>• Direct contact for site workers</li> </ul> <p>Exposure pathways for contamination in soil gas</p> <ul style="list-style-type: none"> <li>• Inhalation of impacted soil gas</li> </ul>
POTENTIAL MIGRATION PATHWAYS	<p>Migration pathways for contaminants:</p> <ul style="list-style-type: none"> <li>• Wind transport of dust (if impacted).</li> <li>• Groundwater transport (if impacted).</li> <li>• Vapor transport (if impacted).</li> </ul>
RECEPTORS	<p>For soil, soil gas, and groundwater, potential receptors include site workers during excavation/site work.</p> <p>For soil, potential receptors include future site occupants if impacted surficial soil is discovered.</p> <p>For soil vapor, potential receptors include future site occupants, if impacted soil gas is discovered.</p>

### 3.3 Deviations from Sampling Plan

Groundwater was not encountered in boring B-01, B-02, or B-03. Groundwater was encountered in B-04 and B-09; therefore, monitoring wells were installed in these two locations and not a third location.

### 3.4 Exploration, Sampling, and Test Screening Methods

Prior to initiating intrusive activities, Beacon personnel contacted DIGSAFE of Maine (DIGSAFE) to determine the location of public underground utilities on-site in the work area. Additionally, Beacon subcontracted Centerline Utility Services (Centerline) to clear individual boring locations and to perform a Ground Penetrating Radar (GPR) survey to determine utility locations.

#### Geoprobe Borings and Soil Sampling

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Geoprobe borings were completed by EPI on July 23, 2021 in ten (10) locations using a Geoprobe 6712DT track-mounted rig. Borings were completed to 10' or 15' BGS based on field conditions. Soil samples were field screened for volatile organics using a MiniRae 3000 PID and using Oleophilic Dye Shake Test kits. See **Appendix B** for soil boring logs with PID responses.

Samples were collected from B-03 (2'), B-05 (3-5'), B-09 (4-5'). A duplicate of B-05 was collected and named B-11 (3-5'). These samples were based on visual observations and PID responses. These samples were submitted to Alpha Analytical Laboratory (Alpha) of Westboro, Massachusetts for analysis.

Hand Auger Soil Sampling

Hand auger sampling was completed using an AMS hand auger with a 1 1/2" bucket to a depth of 3' BGS. Soil samples were collected for PID readings and screened with a PPB RAE

**TABLE 1 – PID RESULTS**

LOCATION	DEPTH (BGS)	PID RESULT
HA-01	2-3'	82 PPB
HA-02	2-3'	18 PPB
HA-03	2-3'	25 PPB
HA-04	2-3'	20 PPB
HA-05	2-3'	42 PPB
HA-06	2-3'	153 PPB
HA-07	2-3'	12 PPB
HA-08	2-3'	15 PPB
HA-09	2-3'	22 PPB
HA-10	2-3'	11 PPB

Groundwater Sampling

Groundwater sampling was completed by installing two temporary 1" piezometers at borings B-04 and B-09. Once the piezometers were installed, they were purged for up to 30 minutes with a peristaltic pump and tubing in an effort to develop and remove silt from within the piezometer prior to sampling. The piezometer was sampled immediately following development. Samples were collected for submission to Alpha from each of the piezometers for VOCs, VPH ranges, and EPH compounds and ranges.

Beacon completed a groundwater survey using an arbitrary datum point on the property. Based on this survey, groundwater was determined to have a northeasterly flow on the property. See **Table 2** for groundwater elevation data.

**TABLE 2 – GROUNDWATER ELEVATION**

Monitoring Well	Ground Elevation (Feet)	Top of Casing Elevation (Feet)	Groundwater Elevation (Feet)
MW-04	100.14	100.98	97.78
MW-09	97.74	101.56	95.06

### Sub Slab Soil Vapor Sampling

Beacon utilized a hammer drill to penetrate the concrete slab within the utility room of the Half Moon Décor building. Beacon then inserted ¼” Teflon tubing and the hole was sealed with modeling clay. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected one 2.7-liter SUMMA canister with a 30-minute flow controller at the location. See **Appendix C** for soil vapor sampling sheets.

Sub slab soil vapor was sampled from BEC-SSV-01 with a duplicate labeled BEC-SSV-02 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

### Indoor Air Sampling

Beacon deployed one (1) 6-liter ambient air canister with a 24-hour flow controller in the Half Moon Décor building, near the utility room. Utilizing a MiniRae PPB Photoionization detector (PID), Beacon collected ambient air readings prior to sampling. A copy of the air sampling field sheet is included as **Attachment C**. The following day, the canister was retrieved and submitted to Alpha for analysis of APH and VOCs by TO-15.

### Soil Vapor Sampling

Soil vapor samples were either collected using a pore water sampler inserted into the ground or by EPI utilizing the Geoprobe to drive a soil vapor point and then pulling the tooling back one foot to expose the screen. Sample depths were as follows: HA-09 (2.5’), SV-02 (2.5’), HA-07 (2.5’), SV-01 (2.5’), HA-06 (3’), SV-09 (2.5’), HA-01 (2.5’), SV-04 (2’), and SV-03 (3’). Beacon then inserted ¼” Teflon tubing and the tooling was sealed with bentonite at the top and at the ground surface. Prior to connect the tubing, ambient samples were collected in the area of the SUMMA canister using an Eagle Four Gas Meter and a MiniRae PPB PID. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected one 2.7-liter SUMMA canister



with a 30-minute flow controller at the location. See **Appendix C** for soil vapor sampling sheets.

Subslab soil vapor was sampled from, SV-01, SV-02, SV-03, SV-04, SV-09, HA-01, HA-06, and HA-07, HA-09 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

## 4.0 PRESENTATION AND EVALUATION OF RESULTS

### 4.1 Subsurface Conditions

Subsurface conditions on the property were identified as sand and gravel fill to a depth of ~2 feet BGS where glaciomarine silty-clay was encountered. A transition from silty-clay to marine clay was observed at an approximate depth of 15' BGS to boring completion. Refusal (presumed bedrock) was encountered in boring B-04 at a depth of nine (9) feet BGS.

### 4.2 Analytical Results

#### Soil

Soil samples collected and analyzed for B-03, B-05 (and its duplicate B-11) and B-09 were either non-detect or below the MEDEP RAGs for Residential, Park User, Commercial Worker, and Construction Worker scenarios for the VOCs, VPH ranges, and EPH ranges and compounds.

Soil samples collected and analyzed for HA-06 were either non-detect or below the MEDEP RAGs for Residential, Park User, Commercial Worker, and Construction Worker scenarios for the VOCs, VPH ranges, and EPH ranges and compounds, with the exception of benzo(a)pyrene which was detected above the Residential RAG.

See **Table 3** for soil analytical results and **Appendix D** for analytical reports.

#### Groundwater

Groundwater samples collected from monitoring well MW-04 and its duplicate MW-11 were above the Residential RAGs for Benzene, Ethylbenzene, C9-C10 Aromatics, C9-C12 Aliphatics, 2-Methylnaphthalene, C9-C18 Aliphatics, and above both Residential and Construction RAGs for Naphthalene and C5-C8 Aliphatics. The remaining VOCs, VPH ranges, and EPH ranges and compounds were either non-detect or below both RAG scenarios.

Groundwater samples collected from monitoring well MW-09 were above the Residential RAGs for benzo(a)anthracene and benzo(a)pyrene. The remaining VOCs, VPH ranges, and EPH ranges and compounds were either non-detect or below both RAG scenarios.

See **Table 4** for groundwater analytical results and **Appendix D** for analytical reports.

#### Sub Slab Soil Vapor

Sample results from the sub slab soil vapor location (SSV-01) and its duplicate (SSV-02) reported concentrations for VOCs and petroleum hydrocarbons. The sample was a sub slab soil vapor sample, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this

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attenuation factor to the reported results, the results were below the guidance concentrations for Residential and Commercial Scenarios. See **Table 5** for soil vapor analytical results and **Appendix D** for analytical reports.

### Soil Vapor

Sample results from the all of the soil vapor locations reported concentrations for VOCs and petroleum hydrocarbons. The samples were soil vapor samples, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this attenuation factor to the reported results, the results for SV-01 for 1,3-butadiene (in both the APH and VOC results) were above the guidance concentrations for Residential and Commercial Scenarios. The remaining samples had detected concentrations below the RAGs for both Residential and Commercial scenarios. The highest concentrations of tetrachloroethylene were detected in samples HA-07 and HA-09 which were within the sewer utility corridor. See **Table 5** for soil vapor analytical results and **Appendix D** for analytical reports.

### Indoor Air

The indoor air sample collected from within the Half Moon Décor building were elevated above the MEDEP RAGs for Residential guidelines for 1,2-dichloroethane and above the MEDEP RAGs for Residential and Commercial guidelines for C5-C8 Aliphatics and C9-C12 Aliphatics. The remaining analytes were non-detect or below both guideline scenarios. See **Table 6** for analytical results and **Attachment D** for a copy of the analytical report.

## 5.0 INTERPRETATION AND CONCLUSIONS

### 5.1 Recognized Environmental Condition/Potential Release Area

Impacts were observed on the property above applicable MEDEP RAGs for groundwater, soil vapor, and indoor air samples.

### 5.2 Conceptual Model Validation/Adequacy of Investigations

Soil, groundwater, and soil vapor impacts were documented on the property by olfactory, on-site analysis (PID) and by laboratory samples. The CSM was validated by these results.

### 5.3 Absence, Presence, Degree, Extent of Target Analytes

Detection of petroleum and volatile organic compounds were found in the soil samples collected from the property. However, the detections were below the MEDEP RAGs for all scenarios with the exception of the sample collected from HA-06 which had a detected concentration for Benzo(a)pyrene above the Residential RAG.

Detection of petroleum and volatile organic compounds were found in the groundwater samples collected from the property. The sample from MW-04, and its duplicate sample, contained concentrations of benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-methylnaphthalene, and C9-C18 aliphatics above the Residential RAG and above the Residential and Commercial RAGs for naphthalene and C5-C8 aliphatics. The sample from MW-09 was elevated above the Residential RAG for benzo(a)anthracene and

benzo(a)pyrene. The remaining results were below both Residential and Construction scenarios.

Detections of petroleum and volatile organic compounds were found in the sub slab soil vapor and soil vapor samples. Results for 1,3-butadiene from the soil vapor sample collected near the Lazy Bones building (SV-01) was above the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios. The remainder of the results from the soil vapor and subslab samples were below the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios.

Detections of petroleum and volatile organic compounds were found in the indoor air sample collected within the Half Moon Décor building. Results for 1,2-Dichloroethane were above the MEDEP Residential RAG and results for C5-C8 aliphatics and C9-C12 aliphatics were above both the Residential and Commercial RAGs. It should be noted that the corresponding subslab sample, and its duplicate, were not elevated for these APH ranges potentially indicating a source from within the building. The remaining analytes were either non-detect or below both RAGs.

#### 5.4 Additional Work Performed

No additional work was performed.

#### 5.5 Quality Control

Duplicate soil samples had some Relative Percent Difference (RPD) greater than 30% with several over 100%. Typically, RPDs greater than 30% indicate poor analytical precision. For soil however, due to the small sample size obtained from samples based on the 1" acetate sleeve, there is the potential for higher variability in soil samples which may allow for higher discrepancy. The groundwater duplicate sample was below 30% RPD when both samples had reported results and not estimated results. The sub slab soil vapor duplicate had multiple RPDs above 30%. The higher of the two sample results was used in comparing to RAGs to ensure the most conservative analysis was made.

The laboratory reported the following Quality Assurance and/or Quality Control (QA/QC) issues:

##### Lab Report L2139975:

VPH

L2139975-02D: The surrogate recoveries were outside the acceptance criteria for 2,5-dibromotoluene-pid (291%) and 2,5-dibromotoluene-fid (321%); however, re-analysis achieved similar results: 2,5-dibromotoluene-pid (307%) and 2,5-dibromotoluene-fid (304%). The results of the original analysis are reported.

EPH

L2139975-06 and -07 has elevated detection limits for the target analytes only due to the dilution required by the elevated concentrations of these compounds in the sample.

##### Lab Report L2140039

L2140039-01D and -02D2: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2140039-01, -02D, and -05D: The samples were re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2140039-05D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2140039-11D and -12D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

#### Petroleum Hydrocarbons in Air

L2140039-01 through -12: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

L2140039-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2140039-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-05D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-12D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

Based on our review, the data is determined to be acceptable and we believe MEDEP can rely on this data to make decisions.

## 5.6 Conclusions

There are exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There are exceedances to the current residential RAGs for groundwater for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There is an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There is an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building. It should be noted that the corresponding subsample, and its duplicate, were not elevated for these APH ranges potentially indicating a source within the building itself.

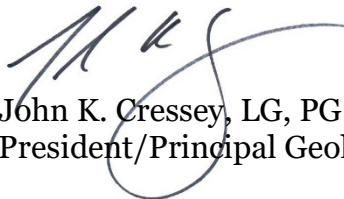
## 6.0 Recommendations

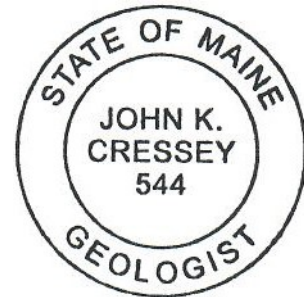
Beacon recommends the following:

- Sub slab soil vapor and an indoor air sample should be collected from the Lazy Bones building.
- A review of the chemicals used within the Half Moon Décor building should be completed to determine if there is a source of within the building causing the elevated ambient air results.
- The property manager should complete the VRAP process as the MEDEP had recommended in 2017.

## 7.0 Signature

**BEACON ENVIRONMENTAL CONSULTANTS, LLC**

  
John K. Cressey, LG, PG  
President/Principal Geologist



## **TABLES**

**TABLE 3 - SOIL ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')					
DEPTH						32"	2'	3-5'	3-5'	4-5'					
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21					
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05					
	RES	PARK	COMM	CONST	Units	Qual	Qual	Qual	Qual	Qual					
<b>General Chemistry</b>															
Solids, Total						81.1		85.6	80	79.4	83.1				
<b>Volatile Organics by EPA 5035</b>															
1,1,1,2-Tetrachloroethane	30	410	130	480	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,1-Trichloroethane	640	640	640	640	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,2,2-Tetrachloroethane	8.9	88	39	150	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,1,2-Trichloroethane	2.2	49	9.4	13	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloroethane	53	980	230	850	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloroethene	340	1100	1200	200	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,1-Dichloropropene					mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,2,3-Trichlorobenzene	86	240	1300	2700	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,3-Trichloropropane	0.07	0.2	1.5	4.3	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,4-Trichlorobenzene	86	360	380	400	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2,4-Trimethylbenzene	180	200	220	220	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2-Dibromo-3-chloropropane	0.078	1.5	0.96	3.5	mg/kg	0.0076	U	0.17	U	0.012	U	0.0081	U	0.0058	U
1,2-Dibromoethane	0.54	6.8	2.4	8.9	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichlorobenzene	360	370	380	380	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,2-Dichloroethane	6.9	110	30	110	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichloroethene, Total					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,2-Dichloropropene	23	420	99	14	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
1,3,5-Trimethylbenzene	160	170	180	180	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichlorobenzene	290	290	300	300	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichloropropane	2100	6100	32000	68000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,3-Dichloropropene, Total	27	210	120	120	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
1,4-Dichlorobenzene	39	770	170	620	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
1,4-Dichlorobutane					mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
2,2-Dichloropropane					mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
2-Butanone	20000	25000	28000	11000	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
2-Hexanone	290	1000	2000	300	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
4-Methyl-2-pentanone	3400	3400	3400	3300	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Acetone	52000	81000	100000	98000	mg/kg	0.063	U	0.58	U	0.2	U	0.12	U	0.049	U
Acrylonitrile	3.7	34	17	14	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Benzene	17	230	75	240	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Bromobenzene	380	530	650	620	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Bromochloromethane	220	4000	940	330	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Bromodichloromethane	4.4	83	19	70	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Bromoform	280	720	790	890	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Bromomethane	10	160	45	120	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Carbon disulfide	690	720	740	720	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Carbon tetrachloride	9.7	150	43	160	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Chlorobenzene	410	680	740	740	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Chloroethane	2100	2100	2100	2000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Chloroform	4.7	97	21	75	mg/kg	0.0038	U	0.087	U	0.006	U	0.0041	U	0.0029	U
Chloromethane	160	1300	690	1300	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
cis-1,2-Dichloroethene	200	480	1400	1400	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
cis-1,3-Dichloropropene					mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U

**TABLE 3 - SOIL ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')					
DEPTH						32"	2'	3-5'	3-5'	4-5'					
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21					
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05					
	RES	PARK	COMM	CONST	Units	Qual	Qual	Qual	Qual	Qual					
Dibromochloromethane	110	320	530	3000	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Dibromomethane	35	800	150	190	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Dichlorodifluoromethane	130	830	550	730	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Ethyl ether	21000	61000	100000	8100	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Ethyl methacrylate	1100	1100	1100	830	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Ethylbenzene	86	400	380	470	mg/kg	0.0025	U	0.074		0.004	U	0.0027	U	0.0019	U
Hexachlorobutadiene	15	16	16	17	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Isopropylbenzene	260	270	270	270	mg/kg	0.0025	U	0.45		0.004	U	0.0027	U	0.0019	U
Methyl tert butyl ether	690	5600	3000	8200	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Methylene chloride	490	1200	2500	1900	mg/kg	0.013	U	0.29	U	0.02	U	0.014	U	0.0097	U
n-Butylbenzene	5400	15000	80000	34000	mg/kg	0.0025	U	4.7		0.004	U	0.0027	U	0.0019	U
n-Propylbenzene	260	260	260	260	mg/kg	0.0025	U	3.5		0.0086		0.0027	U	0.0019	U
Naphthalene	29	150	120	130	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
o-Chlorotoluene	2100	6100	32000	800	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
o-Xylene					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
p-Chlorotoluene	2100	6100	32000	68000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
p-Isopropyltoluene					mg/kg	0.0025	U	0.1		0.004	U	0.0027	U	0.0019	U
p/m-Xylene					mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
sec-Butylbenzene	11000	30000	100000	34000	mg/kg	0.0025	U	1.4		0.004	U	0.0027	U	0.0019	U
Styrene	830	860	870	860	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
tert-Butylbenzene	11000	30000	100000	34000	mg/kg	0.0051	U	0.12	U	0.0081	U	0.0054	U	0.0039	U
Tetrachloroethene	120	150	160	84	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Tetrahydrofuran	27000	100000	100000	20000	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Toluene	750	790	810	820	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
trans-1,2-Dichloroethene	100	1400	450	1200	mg/kg	0.0038	U	0.087	U	0.006	U	0.0041	U	0.0029	U
trans-1,3-Dichloropropene					mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
trans-1,4-Dichloro-2-butene	0.11	2.5	0.48	1.8	mg/kg	0.013	U	0.29	U	0.02	U	0.014	U	0.0097	U
Trichloroethene	6.1	77	28	4.2	mg/kg	0.0013	U	0.029	U	0.002	U	0.0014	U	0.00097	U
Trichlorofluoromethane	32000	91000	100000	940	mg/kg	0.01	U	0.23	U	0.016	U	0.011	U	0.0078	U
Vinyl acetate	1400	2700	2700	140	mg/kg	0.025	U	0.58	U	0.04	U	0.027	U	0.019	U
Vinyl chloride	0.64	0.71	24	63	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
Xylenes, Total	260	260	260	260	mg/kg	0.0025	U	0.058	U	0.004	U	0.0027	U	0.0019	U
<b>Volatile Petroleum Hydrocarbons</b>															
C5-C8 Aliphatics	1700	7500	11000	430	mg/kg	9.49	U	561		7.41	U	7.11	U	8.65	U
C5-C8 Aliphatics, Adjusted	1700	7500	11000	430	mg/kg	9.49	U	561		7.41	U	7.11	U	8.65	U
C9-C10 Aromatics	660	4700	3500	2600	mg/kg	9.49	U	238		7.41	U	7.11	U	8.65	U
C9-C12 Aliphatics	2500	17000	14000	2300	mg/kg	9.49	U	694		7.41	U	7.11	U	8.65	U
C9-C12 Aliphatics, Adjusted	2500	17000	14000	2300	mg/kg	9.49	U	451		7.41	U	7.11	U	8.65	U
<b>EPH w/Targets via GCMS-SIM</b>															
2-Methylnaphthalene	330	930	4100	960	mg/kg	0.164		0.46		0.032	U	0.034		0.077	
Acenaphthene	4900	14000	62000	48000	mg/kg	0.134		0.031	U	0.032	U	0.033	U	0.033	
Acenaphthylene	4900	14000	45000	48000	mg/kg	0.755		0.031	U	0.032	U	0.033	U	0.228	
Anthracene	25000	70000	100000	100000	mg/kg	0.691		0.031	U	0.032	U	0.033	U	0.157	
Benzo(a)anthracene	16	45	280	1700	mg/kg	4.4		0.031	U	0.032	U	0.033	U	1.33	
Benzo(a)pyrene	1.6	4.5	29	9.9	mg/kg	3.81		0.031	U	0.032	U	0.033	U	1.19	
Benzo(b)fluoranthene	16	45	290	1700	mg/kg	4.48		0.031	U	0.032	U	0.033	U	1.27	



**TABLE 3 - SOIL ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-06	B-03 (2')	B-05 (3-5')	B-11 (3-5')	B-09 (4-5')				
DEPTH						32"	2'	3-5'	3-5'	4-5'				
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21				
LAB SAMPLE ID						L2139975-01	L2139975-02	L2139975-03	L2139975-04	L2139975-05				
	RES	PARK	COMM	CONST	Units	Qual	Qual	Qual	Qual	Qual				
Benzo(ghi)perylene	2500	7000	23000	72000	mg/kg	2.06	0.031	U	0.032	U	0.033	U	0.576	
Benzo(k)fluoranthene	160	450	2900	17000	mg/kg	1.06	0.031	U	0.032	U	0.033	U	0.286	
C11-C22 Aromatics	2600	7300	33000	74000	mg/kg	106	11.7		7.99	U	8.14	U	50	
C11-C22 Aromatics, Adjusted	2600	7300	33000	74000	mg/kg	63	11.1		7.99	U	8.14	U	38.3	
C19-C36 Aliphatics	100000	100000	100000	100000	mg/kg	11.3	7.72	U	7.99	U	8.14	U	8.69	
C9-C18 Aliphatics	2500	17000	14000	4800	mg/kg	8.05	U	22.5	7.99	U	8.14	U	7.97	U
Chrysene	1600	4500	29000	100000	mg/kg	4.02	0.031	U	0.032	U	0.033	U	1.2	
Dibenzo(a,h)anthracene	1.6	4.5	29	170	mg/kg	0.405	0.031	U	0.032	U	0.033	U	0.127	
Fluoranthene	3300	9300	41000	24000	mg/kg	6.28	0.031	U	0.032	U	0.033	U	1.56	
Fluorene	3300	9300	41000	96000	mg/kg	0.46	0.031	U	0.032	U	0.033	U	0.095	
Indeno(1,2,3-cd)Pyrene	16	45	290	1700	mg/kg	2.24	0.031	U	0.032	U	0.033	U	0.64	
Naphthalene	29	150	120	130	mg/kg	0.229	0.116		0.062		0.06		0.107	
Phenanthrene	2500	7000	23000	72000	mg/kg	4.17	0.031	U	0.032	U	0.033	U	0.739	
Pyrene	2500	7000	31000	72000	mg/kg	7.38	0.032		0.032	U	0.033	U	2.05	

**Notes:**

Sample results compared to MEDEP RAGs for Residential (RES), Park User (PARK), Commercial Worker (COMM), and Construction Worker (CONST) Scenarios.

mg/kg = milligrams per kilogram

U = Not detected above the laboratory detection limit

**0.12** = Laboratory detection limit above the RAG for Residential Scenarios

**3.81** = Analytical result above the RAG for Residential Scenarios

B-11 is a duplicate of B-05

**TABLE 4 - GROUNDWATER ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID				MW-04		MW-11		MW-09	
SAMPLING DATE				23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID				L2139975-06		L2139975-07		L2139975-08	
	RES	CONST	Units		Qual		Qual		Qual
<b>Volatile Organics by GC/MS</b>									
1,1,1,2-Tetrachloroethane	5.7	620	ug/l	1	U	1	U	0.5	U
1,1,1-Trichloroethane	8000	29000	ug/l	1	U	1	U	0.5	U
1,1,2,2-Tetrachloroethane	0.76	90	ug/l	1	U	1	U	0.5	U
1,1,2-Trichloroethane	0.42	12	ug/l	1.5	U	1.5	U	0.75	U
1,1-Dichloroethane	28	2200	ug/l	1.5	U	1.5	U	0.75	U
1,1-Dichloroethene	290	390	ug/l	1	U	1	U	0.5	U
1,1-Dichloropropene			ug/l	2	U	2	U	1	U
1,2,3-Trichlorobenzene	7	2900	ug/l	2	U	2	U	1	U
1,2,3-Trichloropropane	0.0075	2.1	ug/l	2	U	2	U	1	U
1,2,4-Trichlorobenzene	4	140	ug/l	2	U	2	U	1	U
1,2,4-Trimethylbenzene	56	1000	ug/l	2	U	2	U	1.1	
1,2-Dibromo-3-chloropropane	0.0033	1.2	ug/l	2	U	2	U	1	U
1,2-Dibromoethane	0.075	8.7	ug/l	2	U	2	U	1	U
1,2-Dichlorobenzene	300	12000	ug/l	2	U	2	U	1	U
1,2-Dichloroethane	1.7	140	ug/l	1	U	1	U	0.5	U
1,2-Dichloroethene, Total			ug/l	1	U	1	U	0.5	U
1,2-Dichloropropane	8.3	22	ug/l	2	U	2	U	1	U
1,3,5-Trimethylbenzene	60	1100	ug/l	2	U	2	U	1	U
1,3-Dichlorobenzene	300	6200	ug/l	2	U	2	U	1	U
1,3-Dichloropropane	370	100000	ug/l	2	U	2	U	1	U
1,3-Dichloropropene, Total	4.7	200	ug/l	1	U	1	U	0.5	U
1,4-Dichlorobenzene	4.8	400	ug/l	2	U	2	U	1	U
1,4-Dichlorobutane			ug/l	10	U	10	U	5	U
2,2-Dichloropropane			ug/l	2	U	2	U	1	U
2-Butanone	5600	9000	ug/l	10	U	10	U	5	U
2-Hexanone	38	240	ug/l	10	U	10	U	5	U
4-Methyl-2-pentanone	6300	5800	ug/l	10	U	10	U	5	U
Acetone	14000	100000	ug/l	10	U	10	U	5	U
Acrylonitrile	0.52	11	ug/l	10	U	10	U	5	U
Benzene	4.6	350	ug/l	5.7		6.1		1	
Bromobenzene	62	1200	ug/l	2	U	2	U	1	U
Bromochloromethane	83	600	ug/l	2	U	2	U	1	U
Bromodichloromethane	1.3	130	ug/l	1	U	1	U	0.5	U
Bromoform	33	5500	ug/l	2	U	2	U	1	U
Bromomethane	7.6	490	ug/l	2	U	2	U	1	U
Carbon disulfide	810	3100	ug/l	2	U	2	U	1	U
Carbon tetrachloride	4.6	700	ug/l	1	U	1	U	0.5	U
Chlorobenzene	78	2600	ug/l	1	U	1	U	0.5	U
Chloroethane	21000	16000	ug/l	2	U	2	U	1	U
Chloroform	2.2	170	ug/l	1.5	U	1.5	U	0.75	U
Chloromethane	190	11000	ug/l	4	U	4	U	2	U
cis-1,2-Dichloroethene	35	3700	ug/l	1	U	1	U	0.5	U
cis-1,3-Dichloropropene			ug/l	1	U	1	U	0.5	U
Dibromochloromethane	8.7	53000	ug/l	1	U	1	U	0.5	U
Dibromomethane	8.3	280	ug/l	2	U	2	U	1	U
Dichlorodifluoromethane	200	5400	ug/l	4	U	4	U	2	U
Ethyl ether	3900	14000	ug/l	2	U	2	U	1	U
Ethyl methacrylate	630	12000	ug/l	10	U	10	U	5	U
Ethylbenzene	15	1400	ug/l	130		130		1.4	
Hexachlorobutadiene	1.4	230	ug/l	1	U	1	U	0.5	U
Isopropylbenzene	450	500	ug/l	46		45		0.5	U
Methyl tert butyl ether	140	13000	ug/l	2	U	2	U	1	U
Methylene chloride	110	4900	ug/l	6	U	6	U	3	U
n-Butylbenzene	1000	100000	ug/l	21		20		0.5	U
n-Propylbenzene	660	4900	ug/l	110		110		0.5	U
Naphthalene	1.2	19	ug/l	220		170		1	U
o-Chlorotoluene	240	3300	ug/l	2	U	2	U	1	U
p-Chlorotoluene	250	100000	ug/l	2	U	2	U	1	U
p-Isopropyltoluene			ug/l	1.2		1.2		0.5	U
sec-Butylbenzene	2000	100000	ug/l	9.5		9.9		0.5	U
Styrene	1200	15000	ug/l	2	U	2	U	1	U
tert-Butylbenzene	690	25000	ug/l	2	U	2	U	1	U
Tetrachloroethene	41	250	ug/l	1	U	1	U	0.5	U
Tetrahydrofuran	3400	16000	ug/l	4	U	4	U	2	U
Toluene	1100	24000	ug/l	2		2		5.6	
trans-1,2-Dichloroethene	68	3900	ug/l	1.5	U	1.5	U	0.75	U
trans-1,3-Dichloropropene			ug/l	1	U	1	U	0.5	U
trans-1,4-Dichloro-2-butene	0.013	1	ug/l	5	U	5	U	2.5	U
Trichloroethene	2.8	12	ug/l	1	U	1	U	0.5	U
Trichlorofluoromethane	5200	5900	ug/l	2	U	2	U	1	U
Vinyl acetate	410	180	ug/l	10	U	10	U	5	U
Vinyl chloride	0.19	0.22	ug/l	0.4	U	0.4	U	0.2	U
Xylenes, Total	190	2100	ug/l	15		16		6.5	
<b>Volatile Petroleum Hydrocarbons</b>									
C5-C8 Aliphatics, Adjusted	180	960	ug/l	1930		1790		50	U
C9-C10 Aromatics	71	2700	ug/l	1550		1480		50	U
C9-C12 Aliphatics, Adjusted	350	3700	ug/l	608		587		50	U
<b>EPH w/Targets via GCMS-SIM</b>									
2-Methylnaphthalene	36	1500	ug/l	75.4		102		0.4	U
Acenaphthene	540	74000	ug/l	2	U	4	U	0.406	
Acenaphthylene	520	71000	ug/l	2	U	4	U	0.4	U

**TABLE 4 - GROUNDWATER ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID				MW-04	MW-11	MW-09			
SAMPLING DATE				23-JUL-21	23-JUL-21	23-JUL-21			
LAB SAMPLE ID				L2139975-06	L2139975-07	L2139975-08			
	RES	CONST	Units		Qual		Qual		Qual
Anthracene	1800	100000	ug/l	2	U	4	U	0.4	U
Benzo(a)anthracene	0.3	470	ug/l	2	U	4	U	0.656	
Benzo(a)pyrene	0.25	11000	ug/l	1	U	2	U	0.74	
Benzo(b)fluoranthene	2.5	100000	ug/l	2	U	4	U	1.02	
Benzo(ghi)perylene	600	100000	ug/l	2	U	4	U	0.55	
Benzo(k)fluoranthene	25	100000	ug/l	2	U	4	U	0.4	U
C11-C22 Aromatics, Adjusted	600	100000	ug/l	445		582		100	U
C19-C36 Aliphatics	40000	100000	ug/l	234		252		100	U
C9-C18 Aliphatics	350	3900	ug/l	443		474		100	U
Chrysene	250	100000	ug/l	2	U	4	U	0.728	
Dibenzo(a,h)anthracene	0.25	26000	ug/l	2	U	4	U	0.4	U
Fluoranthene	800	100000	ug/l	2	U	4	U	1.6	
Fluorene	290	100000	ug/l	2	U	4	U	0.654	
Indeno(1,2,3-cd)Pyrene	2.5	100000	ug/l	2	U	4	U	0.594	
Naphthalene	1.2	19	ug/l	159		218		0.402	
Phenanthrene	180	58000	ug/l	2	U	4	U	0.618	
Pyrene	120	36000	ug/l	2	U	4	U	1.73	

**Notes:**

Sample Results Comparison with MEDEP Remedial Action Guidelines (RAGs) for Groundwater for Residential (RES) and Construction Worker (CONST) Scenarios.

ug/l = micrograms per kilograms

U = Not Detected Above the Laboratory Detection Limit

**1** = Laboratory Detection Limit Above the Residential RAG

**2** = Laboratory Detection Limit Above the Residential and Construction Worker RAG

**443** = Analytical Result Above the Residential RAG

**159** = Analytical Result Above the Residential and Construction Worker RAG

MW-11 is a duplicate of MW-04

**TABLE 5 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-09		SV-02		HA-07		SV-01		HA-06		SV-09	
SAMPLING DATE						23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID						L2140039-02		L2140039-03		L2140039-04		L2140039-05		L2140039-06		L2140039-07	
	RES	RES/o.03	COMM	COMM/o.03	Units		Qual		Qual		Qual		Qual		Qual		Qual
<b>Volatile Organics in Air by SIM</b>																	
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.144	U	0.109	U	0.109	U	0.459	U	0.109	U	0.109	U
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.181	U	0.137	U	0.137	U	0.578	U	0.137	U	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.506	U	0.468		0.383	U	1.61	U	0.468		0.468	
1,1,2-Trichloroethane	0.21	7	0.88	29.3	ug/m3	0.144	U	0.109	U	0.109	U	0.459	U	0.109	U	0.109	U
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.107	U	0.081	U	0.081	U	0.341	U	0.081	U	0.081	U
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.105	U	0.079	U	0.079	U	0.334	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.49	U	0.371	U	0.371	U	1.56	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	1.46		3.52		0.221		7.82		0.251		0.334	
1,2-Dibromoethane	0.047	1.57	0.2	6.7	ug/m3	0.203	U	0.154	U	0.154	U	0.647	U	0.154	U	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.461	U	0.349	U	0.349	U	1.47	U	0.349	U	0.349	U
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.159	U	0.12	U	0.12	U	0.506	U	0.12	U	0.12	U
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.107	U	0.081	U	0.081	U	0.341	U	0.081	U	0.081	U
1,2-Dichloroethene (total)					ug/m3	2.08		0.079	U	0.349		0.334	U	0.079	U	0.079	U
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.122	U	0.092	U	0.092	U	4.01		0.092	U	0.092	U
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	0.272		1.37		0.098	U	1.86		0.098	U	0.113	
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.058	U	2.09		0.044	U	203		0.044	U	0.044	U
1,3-Dichlorobenzene					ug/m3	3.02		2.1		0.373		0.506	U	0.12	U	0.12	U
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
1,4-Dichlorobenzene	2.6	87	11	367	ug/m3	0.159	U	0.12	U	0.12	U	0.506	U	0.12	U	0.12	U
1,4-Dioxane	5.6	187	25	833	ug/m3	0.476	U	0.36	U	0.36	U	1.52	U	0.36	U	0.36	U
2,2,4-Trimethylpentane					ug/m3	1.23	U	7.01		0.934	U	130		0.934	U	0.934	U
2-Butanone	5200	173333	22000	733333	ug/m3	1.95	U	9.41		1.47	U	26.6		1.47	U	1.47	U
2-Hexanone	31	1033	130	4333	ug/m3	1.08	U	0.82	U	0.82	U	3.45	U	0.82	U	0.82	U
3-Chloropropene	1	33	4.4	147	ug/m3	0.826	U	0.626	U	0.626	U	2.64	U	0.626	U	0.626	U
4-Ethyltoluene					ug/m3	0.136		0.939		0.098	U	1.41		0.098	U	0.098	U
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	2.7	U	3.32		2.05	U	8.61	U	2.05	U	2.05	U
Acetone	32000	1066667	140000	4666667	ug/m3	11.1		40.4		3.63		137		7.82		9.55	
Benzene	3.6	120	16	533	ug/m3	0.62		3.51		0.319	U	67.7		0.319	U	0.319	U
Benzyl chloride	0.57	19	2.5	83	ug/m3	1.37	U	1.04	U	1.04	U	4.36	U	1.04	U	1.04	U
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.177	U	0.134	U	0.134	U	0.564	U	0.134	U	0.134	U
Bromoform	26	867	110	3667	ug/m3	0.273	U	0.207	U	0.207	U	0.871	U	0.207	U	0.207	U
Bromomethane	5.2	173	22	733	ug/m3	0.103	U	0.078	U	0.078	U	0.327	U	0.078	U	0.078	U
Carbon disulfide	730	24333	3100	103333	ug/m3	0.822	U	7.97		0.623	U	12.5		0.623	U	0.623	U
Carbon tetrachloride	4.7	157	20	667	ug/m3	0.705		0.465		0.195		0.925		0.472		0.503	
Chlorobenzene	52	1733	220	7333	ug/m3	0.608	U	0.461	U	0.461	U	1.94	U	0.461	U	0.461	U
Chloroethane	10000	333333	44000	1466667	ug/m3	0.348	U	0.264	U	0.264	U	2.93		0.264	U	0.264	U
Chloroform	1.2	40	5.3	177	ug/m3	0.129	U	0.811		0.098	U	0.947		0.103		0.107	
Chloromethane	94	3133	390	13000	ug/m3	0.981		0.555		0.413	U	12		0.886		0.865	
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	1.9		0.079	U	0.349		0.334	U	0.079	U	0.079	U
cis-1,3-Dichloropropene					ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
Cyclohexane	6300	210000	26000	866667	ug/m3	0.909	U	1.83		0.688	U	8.61		0.688	U	0.688	U
Dibromochloromethane					ug/m3	0.225	U	0.17	U	0.17	U	0.717	U	0.17	U	0.17	U
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	1.92		2.09		0.989	U	4.16	U	2.24		2.14	
Ethyl Acetate					ug/m3	2.38	U	1.8	U	1.8	U	7.57	U	1.8	U	1.8	U
Ethyl Alcohol					ug/m3	29.4		17.7		9.42	U	39.6	U	9.8		9.42	U
Ethylbenzene	11	367	49	1633	ug/m3	0.751		2.62		0.087	U	11.1		0.252		0.204	

**TABLE 5 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						HA-09	SV-02	HA-07	SV-01	HA-06	SV-09						
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21						
LAB SAMPLE ID						L2140039-02	L2140039-03	L2140039-04	L2140039-05	L2140039-06	L2140039-07						
	RES	RES/o.03	COMM	COMM/o.03	Units		Qual		Qual		Qual		Qual		Qual		
Heptane					ug/m3	1.08	U	11.5		0.82	U	91.4		0.82	U	0.82	U
Hexachlorobutadiene	1.3	43	5.6	187	ug/m3	0.704	U	0.533	U	0.533	U	2.24	U	0.533	U	0.533	U
iso-Propyl Alcohol	210	7000	880	29333	ug/m3	1.62	U	1.89		1.23	U	5.16	U	1.23	U	1.23	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.952	U	0.721	U	0.721	U	3.04	U	0.721	U	0.721	U
Methylene chloride	630	21000	2600	86667	ug/m3	2.29	U	6.7		1.74	U	87.5		16.1		11.7	
n-Hexane	730	24333	3100	103333	ug/m3	0.93	U	14.8		0.705	U	111		0.997		0.705	U
Naphthalene	0.83	27.7	3.6	120	ug/m3	0.346	U	0.273		0.262	U	2.85		0.262	U	0.262	U
Propylene					ug/m3	1.29		81.6		0.861	U	1370		0.861	U	0.861	U
Styrene	1000	33333	4400	146667	ug/m3	0.112	U	0.294		0.085	U	7.45		0.085	U	0.085	U
Tetrachloroethene	42	1400	180	6000	ug/m3	685		0.793		111		5.31		0.136		99	
Tetrahydrofuran	2100	70000	8800	293333	ug/m3	1.95	U	10.3		1.47	U	6.99		1.48		4.95	
Toluene	5200	173333	22000	733333	ug/m3	1.02		3.75		0.188	U	125		0.682		0.705	
trans-1,2-Dichloroethene	42	1400	180	6000	ug/m3	0.183		0.079	U	0.079	U	0.334	U	0.079	U	0.079	U
trans-1,3-Dichloropropene					ug/m3	0.12	U	0.091	U	0.091	U	0.382	U	0.091	U	0.091	U
Trichloroethene	2.1	70	8.8	293	ug/m3	7.42		0.107	U	1.13		0.564		0.172		0.188	
Trichlorofluoromethane					ug/m3	1.01		1.19		0.433		1.84		1.16		1.13	
Vinyl acetate	210	7000	880	29333	ug/m3	4.65	U	3.52	U	3.52	U	14.8	U	3.52	U	3.52	U
Vinyl bromide	1.9	63	8.2	273	ug/m3	1.15	U	0.874	U	0.874	U	3.68	U	0.874	U	0.874	U
Vinyl chloride	1.7	57	28	933	ug/m3	0.068	U	0.051	U	0.051	U	0.818		0.051	U	0.051	U
Xylene (Total)	100	3333	440	14667	ug/m3	5.56		16.8		0.421		34.4		1.59		1.33	
<b>Petroleum Hydrocarbons in Air</b>																	
1,3-Butadiene	0.94	31	4.1	137	ug/m3	0.65	U	2.4		0.5	U	<b>210</b>		0.5	U	0.5	U
Benzene	3.6	120	16	533	ug/m3	0.78	U	3.9		0.6	U	75		0.6	U	0.6	U
C5-C8 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	64		660		16		4400		10	U	10	U
C9-C10 Aromatics Total	52	1733	220	7333	ug/m3	13	U	15		10	U	48		10	U	10	U
C9-C12 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	16		140		10	U	300		10	U	10	U
Ethylbenzene	11	367	49	1633	ug/m3	1.2	U	2.8		0.9	U	11		0.9	U	0.9	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.91	U	0.7	U	0.7	U	2.9	U	0.7	U	0.7	U
Naphthalene	0.83	28	3.6	120	ug/m3	1.4	U	1.1	U	1.1	U	4.6	U	1.1	U	1.1	U
Toluene	5200	173333	22000	733333	ug/m3	1.2	U	4.1		0.9	U	130		0.9	U	0.9	U
Xylenes, Total	100	3333	440	14667		5.5		17.1		0.9	U	34		1.9		0.9	U

**Notes:**  
Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios  
RES/o.03 and COM/o.03 = Guidelines after Attenuation Factor Used  
ug/m3 = micrograms per cubic meter  
U = Not Detected Above the Laboratory Detection Limit  
**203** = Detected above the MEDEP RAG for Residential and Commercial Scenarios  
SSV-02 is a duplicate of SSV-01

**TABLE 5 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SSV-01		SSV-02		HA-01		SV-04		SV-03	
SAMPLING DATE						23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21		23-JUL-21	
LAB SAMPLE ID						L2140039-08		L2140039-09		L2140039-10		L2140039-11		L2140039-12	
	RES	RES/o.03	COMM	COMM/o.03	Units		Qual		Qual		Qual		Qual		Qual
<b>Volatile Organics in Air by SIM</b>															
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.109	U	0.251		0.109	U	0.128	U	0.367	U
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.137	U	0.137	U	0.137	U	0.161	U	0.462	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.468		0.46		0.544		0.494		1.29	U
1,1,2-Trichloroethane	0.21	7	0.88	29.3	ug/m3	0.109	U	0.109	U	0.109	U	0.128	U	0.367	U
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.081	U	0.081	U	0.081	U	0.095	U	0.272	U
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.371	U	0.371	U	0.371	U	0.435	U	1.25	U
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	10.6		29.6		2.59		1.24		2.27	
1,2-Dibromoethane	0.047	1.57	0.2	6.7	ug/m3	0.154	U	0.154	U	0.154	U	0.18	U	0.517	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.349	U	0.349	U	0.349	U	0.41	U	1.17	U
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.12	U	0.12	U	0.12	U	0.141	U	0.405	U
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.085		0.089		0.081	U	0.095	U	0.272	U
1,2-Dichloroethene (total)					ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.208		0.092	U	0.092	U	0.108	U	0.311	U
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	4.34		11.9		0.467		0.254		0.331	
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.199		0.283		0.044	U	0.515		0.149	U
1,3-Dichlorobenzene					ug/m3	0.12	U	0.12	U	0.709		2.4		0.465	
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U
1,4-Dichlorobenzene	2.6	87	11	367	ug/m3	0.12	U	0.138		0.12	U	0.141	U	0.405	U
1,4-Dioxane	5.6	187	25	833	ug/m3	0.44		1.61		0.36	U	0.422	U	1.21	U
2,2,4-Trimethylpentane					ug/m3	0.934	U	0.934	U	0.934	U	1.09	U	3.14	U
2-Butanone	5200	173333	22000	733333	ug/m3	3.89		17.4		1.47	U	2.98		4.95	U
2-Hexanone	31	1033	130	4333	ug/m3	0.82	U	0.947		0.82	U	0.959	U	2.76	U
3-Chloropropene	1	33	4.4	147	ug/m3	0.626	U	0.626	U	0.626	U	0.732	U	2.11	U
4-Ethyltoluene					ug/m3	1.43		4.22		0.285		0.178		0.331	U
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	3.92		11.6		2.05	U	2.4	U	6.88	U
Acetone	32000	1066667	140000	4666667	ug/m3	105		259		13.4		18.9		15.1	
Benzene	3.6	120	16	533	ug/m3	1.13		1.5		0.591		1.7		1.08	U
Benzyl chloride	0.57	19	2.5	83	ug/m3	1.04	U	1.04	U	1.04	U	1.21	U	3.48	U
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.134	U	0.717		0.134	U	0.157	U	0.451	U
Bromoform	26	867	110	3667	ug/m3	0.207	U	0.207	U	0.207	U	0.242	U	0.696	U
Bromomethane	5.2	173	22	733	ug/m3	0.078	U	0.078	U	0.078	U	0.091	U	0.261	U
Carbon disulfide	730	24333	3100	103333	ug/m3	0.679		1.71		0.623	U	0.729	U	2.1	U
Carbon tetrachloride	4.7	157	20	667	ug/m3	0.359		0.321		0.497		0.177		0.53	
Chlorobenzene	52	1733	220	7333	ug/m3	0.461	U	0.461	U	0.461	U	0.539	U	1.55	U
Chloroethane	10000	333333	44000	1466667	ug/m3	0.264	U	0.264	U	0.264	U	0.309	U	0.889	U
Chloroform	1.2	40	5.3	177	ug/m3	0.22		7.37		0.107		1.37		0.329	U
Chloromethane	94	3133	390	13000	ug/m3	0.413	U	0.413	U	1.15		0.483	U	1.39	U
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U
cis-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U
Cyclohexane	6300	210000	26000	866667	ug/m3	0.688	U	0.688	U	0.688	U	0.805	U	2.32	U
Dibromochloromethane					ug/m3	0.17	U	0.17	U	0.17	U	0.199	U	0.573	U
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	2.13		2.3		2.15		2.06		3.33	U
Ethyl Acetate					ug/m3	1.8	U	1.8	U	1.8	U	2.11	U	6.05	U
Ethyl Alcohol					ug/m3	64.8		219		22.8		27.9		31.7	U
Ethylbenzene	11	367	49	1633	ug/m3	0.83		2.29		1.5		0.999		1.46	

**TABLE 5 - SOIL VAPOR AND SUB SLAB VAPOR ANALYTICAL RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SSV-01	SSV-02	HA-01	SV-04	SV-03					
SAMPLING DATE						23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21	23-JUL-21					
LAB SAMPLE ID						L2140039-08	L2140039-09	L2140039-10	L2140039-11	L2140039-12					
	RES	RES/0.03	COMM	COMM/0.03	Units		Qual		Qual		Qual		Qual		
Heptane					ug/m3	1.07		0.959		0.82	U	1.9		2.76	U
Hexachlorobutadiene	1.3	43	5.6	187	ug/m3	0.533	U	0.533	U	0.533	U	0.625	U	1.79	U
iso-Propyl Alcohol	210	7000	880	29333	ug/m3	4.65		14.7		1.23	U	1.44	U	4.13	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.721	U	0.721	U	0.721	U	0.844	U	2.43	U
Methylene chloride	630	21000	2600	86667	ug/m3	1.98		1.74	U	1.74	U	2.04	U	5.84	U
n-Hexane	730	24333	3100	103333	ug/m3	0.705	U	0.705	U	0.705	U	4.02		2.41	
Naphthalene	0.83	27.7	3.6	120	ug/m3	0.278		1.18		0.294		0.307	U	0.881	U
Propylene					ug/m3	1.24		1.89		1.32		5.06		2.89	U
Styrene	1000	33333	4400	146667	ug/m3	0.141		0.383		0.085	U	0.224		0.287	U
Tetrachloroethene	42	1400	180	6000	ug/m3	2.5		2.29		0.183		0.787		0.479	
Tetrahydrofuran	2100	70000	8800	293333	ug/m3	1.47	U	11.1		1.47	U	1.73	U	4.95	U
Toluene	5200	173333	22000	733333	ug/m3	8.55		9.46		1.48		4.07		1.51	
trans-1,2-Dichloroethene	42	1400	180	6000	ug/m3	0.079	U	0.079	U	0.079	U	0.093	U	0.267	U
trans-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.106	U	0.306	U
Trichloroethene	2.1	70	8.8	293	ug/m3	0.107	U	0.107	U	0.107	U	0.126	U	0.362	U
Trichlorofluoromethane					ug/m3	1.15		1.18		1.34		1.18		1.19	
Vinyl acetate	210	7000	880	29333	ug/m3	3.52	U	3.52	U	3.52	U	4.12	U	11.9	U
Vinyl bromide	1.9	63	8.2	273	ug/m3	0.874	U	0.874	U	0.874	U	1.02	U	2.94	U
Vinyl chloride	1.7	57	28	933	ug/m3	0.051	U	0.051	U	0.051	U	0.06	U	0.172	U
Xylene (Total)	100	3333	440	14667	ug/m3	3.85		10.2		11.8		5.08		9.56	
<b>Petroleum Hydrocarbons in Air</b>															
1,3-Butadiene	0.94	31	4.1	137	ug/m3	0.5	U	0.5	U	0.5	U	0.6	U	1.7	U
Benzene	3.6	120	16	533	ug/m3	1.3		1.6		0.66		2		2	U
C5-C8 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	75		170		70		140		92	
C9-C10 Aromatics Total	52	1733	220	7333	ug/m3	50		120		10	U	12	U	34	U
C9-C12 Aliphatics, Adjusted	210	7000	880	29333	ug/m3	20		78		12		18		34	U
Ethylbenzene	11	367	49	1633	ug/m3	0.9	U	2.3		1.5		1.1	U	3.1	U
Methyl tert butyl ether	110	3667	470	15667	ug/m3	0.7	U	0.7	U	0.7	U	0.84	U	2.4	U
Naphthalene	0.83	28	3.6	120	ug/m3	1.1	U	1.5		1.1	U	1.3	U	3.7	U
Toluene	5200	173333	22000	733333	ug/m3	9.2		10		1.6		4.5		3.1	U
Xylenes, Total	100	3333	440	14667		4.1		10.4		11.9		5.4		10	

**Notes:**  
Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios  
RES/0.03 and COM/0.03 = Guidelines after Attenuation Factor Used  
ug/m3 = micrograms per cubic meter  
U = Not Detected Above the Laboratory Detection Limit  
203 = Detected above the MEDEP RAG for Residential and Commerc  
SSV-02 is a duplicate of SSV-01

**TABLE 6 - INDOOR AIR ANALYTICAL RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID	IA-01			
SAMPLING DATE	23-JUL-21			
LAB SAMPLE ID	L2140039-01			
	RES	COM		Qual
<b>Volatile Organics in Air by SIM</b>				
1,1,1-Trichloroethane	5200	22000	0.109	U
1,1,2,2-Tetrachloroethane	0.48	2.1	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	22000	0.491	
1,1,2-Trichloroethane	0.21	0.88	0.109	U
1,1-Dichloroethane	18	77	0.081	U
1,1-Dichloroethene	210	880	0.079	U
1,2,4-Trichlorobenzene	2.1	8.8	0.371	U
1,2,4-Trimethylbenzene	63	260	0.811	
1,2-Dibromoethane	0.047	0.2	<b>0.154</b>	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane			0.349	U
1,2-Dichlorobenzene	210	880	0.12	U
1,2-Dichloroethane	1.1	4.7	<b>1.47</b>	
1,2-Dichloroethene (total)			0.079	U
1,2-Dichloropropane	4.2	18	0.194	
1,3,5-Trimethylbenzene	63	260	0.285	
1,3-Butadiene	0.94	4.1	0.08	
1,3-Dichlorobenzene			0.12	U
1,3-Dichloropropene, Total	7	31	0.091	U
1,4-Dichlorobenzene	2.6	11	0.204	
1,4-Dioxane	5.6	25	0.587	
2,2,4-Trimethylpentane			0.934	U
2-Butanone	5200	22000	1.86	
2-Hexanone	31	130	0.82	U
3-Chloropropene	1	4.4	0.626	U
4-Ethyltoluene			0.098	U
4-Methyl-2-pentanone	3100	13000	2.05	U
Acetone	32000	140000	119	
Benzene	3.6	16	0.412	
Benzyl chloride	0.57	2.5	<b>1.04</b>	U
Bromodichloromethane	0.76	3.3	0.134	U
Bromoform	26	110	0.321	
Bromomethane	5.2	22	0.078	U
Carbon disulfide	730	3100	0.623	U
Carbon tetrachloride	4.7	20	0.516	
Chlorobenzene	52	220	0.461	U
Chloroethane	10000	44000	0.264	U
Chloroform	1.2	5.3	0.239	
Chloromethane	94	390	1.24	
cis-1,2-Dichloroethene	830	3500	0.079	U
cis-1,3-Dichloropropene			0.091	U
Cyclohexane	6300	26000	0.688	U
Dibromochloromethane			0.17	U
Dichlorodifluoromethane	100	440	2.25	
Ethyl Acetate			1.8	U
Ethyl Alcohol			935	
Ethylbenzene	11	49	1.62	
Heptane			11	
Hexachlorobutadiene	1.3	5.6	0.533	U
iso-Propyl Alcohol	210	880	41.5	
Methyl tert butyl ether	110	470	0.721	U
Methylene chloride	630	2600	1.74	U
n-Hexane	730	3100	2.5	
Naphthalene	0.83	3.6	0.587	
Propylene			0.861	U
Styrene	1000	4400	0.341	
Tetrachloroethene	42	180	0.136	U
Tetrahydrofuran	2100	8800	1.47	U
Toluene	5200	22000	184	
trans-1,2-Dichloroethene	42	180	0.079	U
trans-1,3-Dichloropropene			0.091	U
Trichloroethene	2.1	8.8	0.107	U
Trichlorofluoromethane			1.19	
Vinyl acetate	210	880	3.52	U
Vinyl bromide	1.9	8.2	0.874	U
Vinyl chloride	1.7	28	0.051	U
Xylene (Total)	100	440	8.43	
<b>Petroleum Hydrocarbons in Air</b>				
1,3-Butadiene	0.94	4.1	0.5	U
Benzene	3.6	16	0.6	U
C5-C8 Aliphatics, Adjusted	210	880	<b>1600</b>	
C9-C10 Aromatics Total	52	220	16	
C9-C12 Aliphatics, Adjusted	210	880	<b>930</b>	
Ethylbenzene	11	49	1.8	
Methyl tert butyl ether	110	470	0.7	U
Naphthalene	0.83	3.6	<b>1.1</b>	U
Toluene	5200	22000	200	
Xylenes, Total	100	400	8.6	

**Notes:**

Sample Results Comparison with Maine RAGs for Indoor Air in Residential (RES) and Commercial (COM) Scenarios.

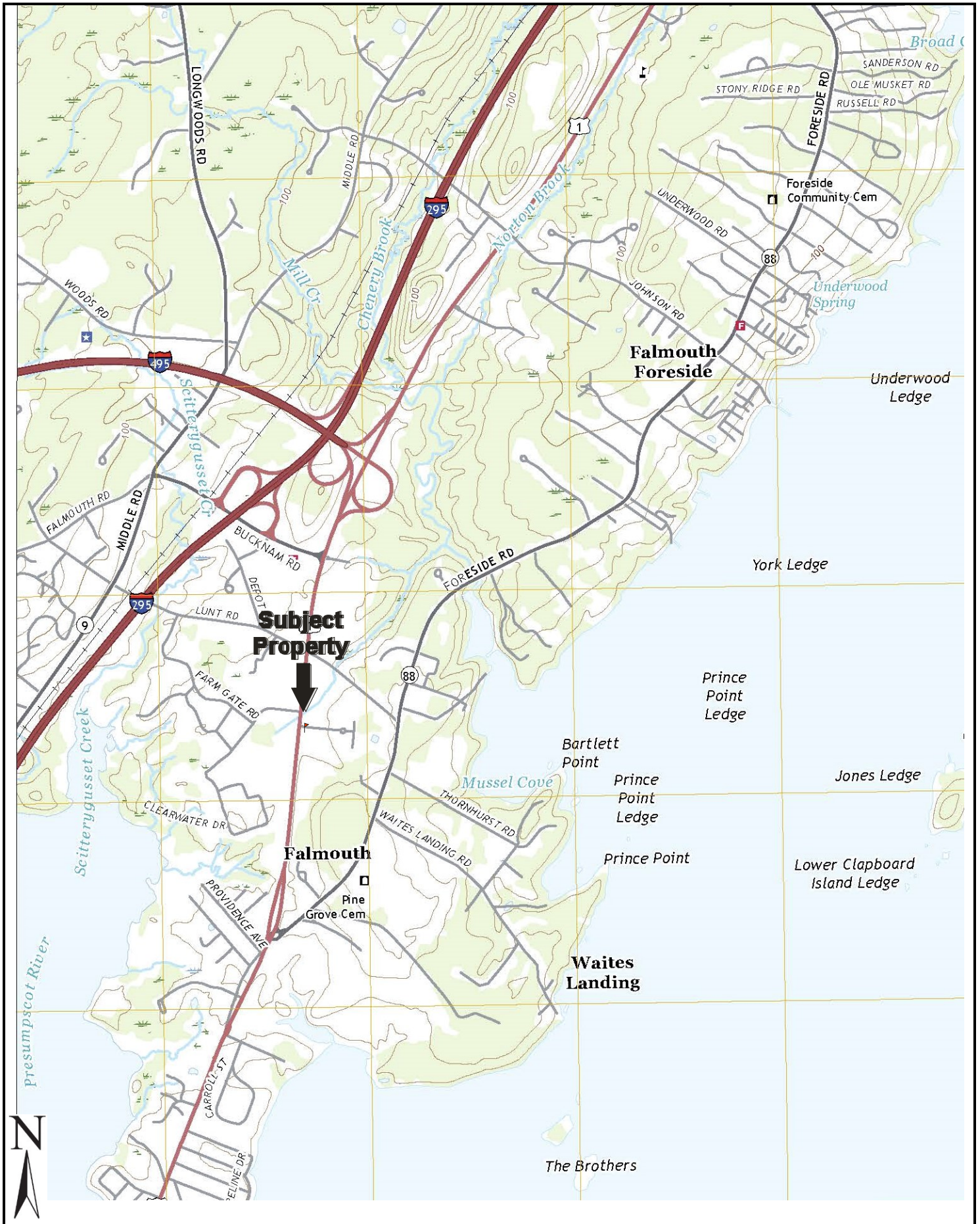
ug/m3 = micrograms per cubic meter

U = Not Detected Above the Laboratory Detection Limit

<b>1.1</b>	= Detection Limit Above the RES
<b>1.47</b>	= Analytical Result Above RES
<b>1600</b>	= Analytical Result Above RES and COM



## FIGURES



**FIGURE 1 – SITE LOCATION MAP**  
**Project No. BE-365**

Drawing Not To Scale





- |  |                            |                        |             |
|--|----------------------------|------------------------|-------------|
|  | BORING or AUGER/SOIL VAPOR | BORING/WELL/SOIL VAPOR | HAND AUGER  |
|  | INDOOR AIR SAMPLE          | SUB SLAB SOIL VAPOR    | SOIL BORING |

**FIGURE 2: SAMPLE LOCATION PLAN**  
**DAVIS MOTEL (FKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**  
 Project No.: BE-365

**APPENDIX A**  
**SITE PHOTOGRAPHS**



**Photo No. 1**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
View of the site building  
from the south.

**Photo By:** JKC



**Photo No. 2**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
MW-04 to the southeast  
of the site building.

**Photo By:** JKC



**Photo No.** 3

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
Location B-10.

**Photo By:** JKC



**Photo No.** 4

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
May 26, 2021

**Description:**  
Location B-08.

**Photo By:** JKC



**Photo No.** 5

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23, 2021

**Description:**  
Locations SV-04, B-07  
and B-04.

**Photo By:** JKC



**Photo No.** 6

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
July 23 2021

**Description:**  
Location HA-01 within the  
water line to the east of  
the site building.

**Photo By:** JKC

**APPENDIX B**  
**SOIL BORING LOGS**



<b>Project:</b> Davis Motel (aka Accent Cleaners)	<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.</b> B-01
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine		<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC	Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier		<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985		<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>	<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	26"		0-3" ASPHALT ----- 3-11" Brown SAND & GRAVEL (Fill) ----- 11-20" Gray SILTY-SAND, petroleum odor ----- 20-26" Gray SILTY-CLAY	6.9	
	S-2	5-10'	60"		0-60" Same as above	0.0	
	S-3	10-15'	60"		0-60" Same as above	0.0	
	S-4	15-20'	60"		0-3" Same as above ----- 3-60" Gray-Blue CLAY	0.0	
20					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.

<b>Project:</b> Davis Motel (aka Accent Cleaners)		<b>Project Number:</b> BE-365		<b>Client:</b> MEDEP		<b>Boring No.</b> B-02	
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine				<b>Drilling Contractor:</b> EPI		<b>Drill Rig Type:</b> Geoprobe 6712DT	
<b>Logged By:</b> JKC		Date	<b>Started:</b> 07/23/21		<b>Bit Type:</b>		<b>Diameter:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier			<b>Completed:</b> 07/23/21		<b>Hammer Type:</b>		
<b>Digsafe Ticket #:</b> 20212806985			<b>Backfilled:</b> 07/23/21		<b>Hammer Weight:</b>		<b>Hammer Drop:</b>
<b>GPS Coordinates:</b>			<b>Groundwater Depth:</b>		<b>Elevation:</b>		<b>Total Depth of Boring:</b> 9'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	26"		0-3" LOAM ----- 3-20" Gray SILTY-SAND ----- 20-26" Gray SILTY-CLAY	2.1	
	S-2	5-10'	48"		0-48" Same as above	0.0	
	S-3	10-15'	60"		0-60" Same as above	0.0	
15					Cease @ 15'		
20							



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.
2. Soil sample (B-09) collected @ 4-5' for VOCs, VPH, and EPH.
3. Well set @ 10', 5' of screen

<b>Project:</b> Davis Motel (aka Accent Cleaners)	<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.</b> B-03
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine		<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC	Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier		<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985		<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>	<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	33"		0-2" ASPHALT ----- 2-10" Brown SAND & GRAVEL (Fill) ----- 10-18" Gray SILTY-SAND, petroleum odor ----- 18-38" Gray SILTY-CLAY	158.0 15.9	Lab
	S-2	5-10'	60"		0-60" Same as above	0.1	
	S-3	10-15'	60"		0-60" Same as above	0.0	
	S-4	15-20'	60"		0-2" Same as above ----- 2-60" Gray-Blue CLAY	0.0	
20					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.
2. Soil sample (B-03) collected @ 2' for VOCs, VPH, and EPH.

<b>Project:</b> Davis Motel (aka Accent Cleaners)		<b>Project Number:</b> BE-365		<b>Client:</b> MEDEP		<b>Boring No.</b> B-04	
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine				<b>Drilling Contractor:</b> EPI		<b>Drill Rig Type:</b> Geoprobe 6712DT	
<b>Logged By:</b> JKC		Date	<b>Started:</b> 07/23/21		<b>Bit Type:</b>		<b>Diameter:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier			<b>Completed:</b> 07/23/21		<b>Hammer Type:</b>		
<b>Digsafe Ticket #:</b> 20212806985			<b>Backfilled:</b> 07/23/21		<b>Hammer Weight:</b>		<b>Hammer Drop:</b>
<b>GPS Coordinates:</b>			<b>Groundwater Depth:</b>		<b>Elevation:</b>		<b>Total Depth of Boring:</b> 9'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	33"		0-2" ASPHALT ----- 2-12" Brown SAND & GRAVEL (Fill) ----- 12-29" Gray SILTY-SAND, petroleum odor	51.0	
	S-2	5-9'	48"		0-48" Gray SILTY-CLAY	0.1	
10					Refusal @ 9', set well with 5' screen		
15							
20							



Notes:

1. Soil samples screened with a MiniRae 3000 PID.
2. Well set @ 9', 5' of screen

<b>Project:</b> Davis Motel (aka Accent Cleaners)	<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.</b> B-05
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine		<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC	Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier		<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985		<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>	<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	33"		0-3" ASPHALT ----- 3-11" Brown SAND & GRAVEL (Fill) ----- 11-37" Gray SILTY-SAND, petroleum odor	7.5	Lab
	S-2	5-10'	60"		0-60" Gray SILTY-CLAY	0.1	
	S-3	10-15'	60"		0-60" Same as above	0.0	
15	S-4	15-20'	60"		0-3" Same as above ----- 3-60" Gray-Blue CLAY	0.0	
					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.
2. Soil sample (B-05) and duplicate (B-11) collected @ 3-5' for VOCs, VPH, and EPH.

<b>Project:</b> Davis Motel (aka Accent Cleaners)		<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.:</b> B-06
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine			<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC		Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier			<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985			<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>		<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 9'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	23"		0-2" ASPHALT ----- 2-10" Brown SAND & GRAVEL (Fill) ----- 10-18" Gray SILTY-SAND, petroleum odor ----- 18-23" Gray SILTY-CLAY	16.9 2.5	
	S-2	5-10'	48"		0-48" Same as above	0.0	
	S-3	10-15'	60"		0-60" Same as above	0.0	
	15				Cease @ 15'		
20							



Notes:

1. Soil samples screened with a MiniRae 3000 PID.

<b>Project:</b> Davis Motel (aka Accent Cleaners)	<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.</b> B-07
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine		<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC	Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier		<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985		<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>	<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	33"		0-2" ASPHALT ----- 2-10" Brown SAND & GRAVEL (Fill) ----- 10-18" Gray SILTY-SAND, petroleum odor ----- 18-38" Gray SILTY-CLAY	25.0 9.0	
	S-2	5-10'	60"		0-60" Same as above	0.1	
	S-3	10-15'	60"		0-60" Same as above	0.0	
	S-4	15-20'	60"		0-4" Same as above ----- 4-60" Gray-Blue CLAY	0.0	
20					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.

<b>Project:</b> Davis Motel (aka Accent Cleaners)		<b>Project Number:</b> BE-365		<b>Client:</b> MEDEP		<b>Boring No.</b> B-08	
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine				<b>Drilling Contractor:</b> EPI		<b>Drill Rig Type:</b> Geoprobe 6712DT	
<b>Logged By:</b> JKC		Date	<b>Started:</b> 07/23/21		<b>Bit Type:</b>		<b>Diameter:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier			<b>Completed:</b> 07/23/21		<b>Hammer Type:</b>		
<b>Digsafe Ticket #:</b> 20212806985			<b>Backfilled:</b> 07/23/21		<b>Hammer Weight:</b>		<b>Hammer Drop:</b>
<b>GPS Coordinates:</b>			<b>Groundwater Depth:</b>		<b>Elevation:</b>		<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	31"		0-2" ASPHALT ----- 2-10" Brown SAND & GRAVEL (Fill) ----- 10-20" Gray SILTY-SAND ----- 20-31" Gray SILTY-CLAY	0.0	
	S-2	5-10'	60"		0-60" Same as above	0.0	
	S-3	10-15'	60"		0-60" Same as above	0.0	
	S-4	15-20'	60"		0-4" Same as above ----- 4-60" Gray-Blue CLAY	0.0	
20					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.



<b>Project:</b> Davis Motel (aka Accent Cleaners)		<b>Project Number:</b> BE-365		<b>Client:</b> MEDEP		<b>Boring No.</b> B-09	
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine				<b>Drilling Contractor:</b> EPI		<b>Drill Rig Type:</b> Geoprobe 6712DT	
<b>Logged By:</b> JKC		Date	<b>Started:</b> 07/23/21		<b>Bit Type:</b>		<b>Diameter:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier			<b>Completed:</b> 07/23/21		<b>Hammer Type:</b>		
<b>Digsafe Ticket #:</b> 20212806985			<b>Backfilled:</b> 07/23/21		<b>Hammer Weight:</b>		<b>Hammer Drop:</b>
<b>GPS Coordinates:</b>			<b>Groundwater Depth:</b>		<b>Elevation:</b>		<b>Total Depth of Boring:</b> 9'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	29"		0-3" LOAM ----- 3-20" Gray SILTY-SAND ----- 20-29" Gray SAND, wet	16.1	
	S-2	5-10'	39"		0-39" Gray SILTY-CLAY	0.0	
10					Cease @ 10', set well with 5' of screen		
15							
20							



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.
2. Soil sample (B-09) collected @ 4-5' for VOCs, VPH, and EPH.
3. Well set @ 10', 5' of screen

<b>Project:</b> Davis Motel (aka Accent Cleaners)	<b>Project Number:</b> BE-365	<b>Client:</b> MEDEP	<b>Boring No.</b> B-10
<b>Address, City, State:</b> 211 US Route 1, Falmouth, Maine		<b>Drilling Contractor:</b> EPI	<b>Drill Rig Type:</b> Geoprobe 6712DT
<b>Logged By:</b> JKC	Date	<b>Started:</b> 07/23/21	<b>Bit Type:</b> 2 1/4"
<b>Drill Crew:</b> Mike Fournier		<b>Completed:</b> 07/23/21	<b>Hammer Type:</b>
<b>Digsafe Ticket #:</b> 20212806985		<b>Backfilled:</b> 07/23/21	<b>Hammer Weight:</b>
<b>GPS Coordinates:</b>	<b>Groundwater Depth:</b>	<b>Elevation:</b>	<b>Total Depth of Boring:</b> 20'

Depth (feet)	Sample Number	Penetration	Recovery	Blow Counts (blows/foot)	Lithology	PID Result (ppm)	Additional Test
					<b>Soil Group Name:</b> modifier, color, moisture, density/consistency, grain size, other descriptors  <b>Rock Description:</b> modifier color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.		
5	S-1	0-5'	22"		0-2" ASPHALT ----- 2-10" Brown SAND & GRAVEL (Fill) ----- 10-22" Gray SILTY-SAND, slight petroleum odor	6.5	
	S-2	5-10'	52"		0-52" Gray SILTY-CLAY	0.0	
	S-3	10-15'	60"		0-60" Same as above	0.0	
15	S-4	15-20'	60"		0-2" Same as above	0.0	
					2-60" Gray-Blue CLAY		
20					Cease @20'		



## Boring Log: Sheet 1 of 1

Notes:

1. Soil samples screened with a MiniRae 3000 PID.

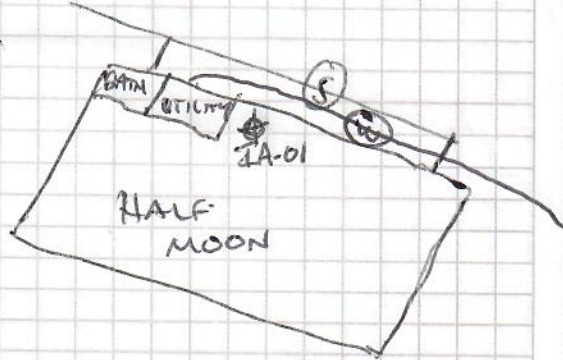
**APPENDIX C**

**SOIL VAPOR SAMPLING SHEETS**

**Indoor Air Sampling Field Sheet  
Maine DEP**

Site Name:	DAVIS MOTEL
Town:	FALMOUTH
Date:	7/22/2021
Sample I.D.:	IA-01
Project Manager:	KERN
Sampling Personnel:	CRESSEY
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Type:	(Subslab) (Indoor Air)
Sampling Location:	STORE
Foundation Floor Type:	(Dirt) (Concrete)
Foundation Wall Type:	(Concrete) (Block) (Stone) (Brick) (Slab on Grade)
Sump Hole:	(Yes) (No)
Penetrations in Floor:	(Sewer) (Water) (Gas) (Cracks) (Drains)
Penetrations in Wall:	(Sewer) (Water) (Gas) (Electric) (Cracks)
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	930
Flow Control I.D.:	01380
Flow control rate:	
PID Reading	5 PPB
Sample Initiation Time:	1500
Initial Vacuum:	-30.10
Sample End Time:	1332
Final Vacuum:	-11.54

**Sample Location Sketch**

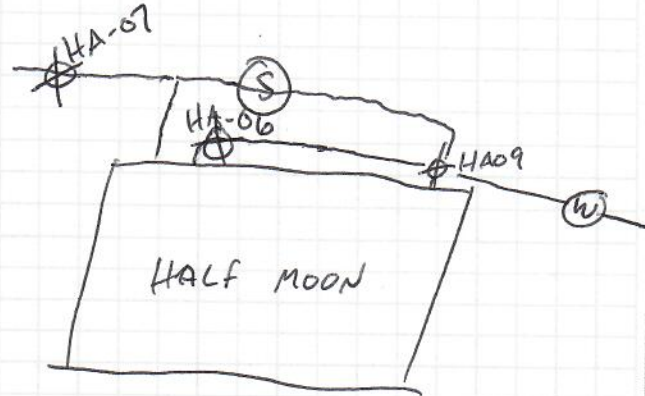


Notes/Observations:

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL
Town:	FALMOUTH
Date:	7/23/2021
Sample I.D.:	HA-09
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	CRESSEY
Project Manager	KEEN
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	2.5'
Depth to Water:	3'
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	2045
Flow Control I.D.:	01923
Flow control rate:	72 mL/min
O <sub>2</sub> Ambient	20.9%
CO <sub>2</sub> Ambient	0.0 PPM
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample O <sub>2</sub>	18.6%
Pre-Sample CO <sub>2</sub> :	75000
Pre-Sample PID:	162 PPB
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)
Sample Initiation Time:	1148
Initial Vacuum:	-30.06
Sample End Time:	1333
Final Vacuum:	-11.39
Post Sample O <sub>2</sub> :	18.6%
Post Sample CO <sub>2</sub> :	75000 PPM
Post Sample PID	158 PPB

Sample Location Sketch



Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p><b>Sample Location Sketch</b></p> <p>SEE SV-03</p>
Town:	FALMOUTH	
Date:	7/23/2021	
Sample I.D.:	SV-02	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2.5'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	2371	
Flow Control I.D.:	01801	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient	20.9%	
CO <sub>2</sub> Ambient	6.0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub>	18.7%	
Pre-Sample CO <sub>2</sub>	>5000 PPM	
Pre-Sample PID:	91 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)	
Sample Initiation Time:	1:54	
Initial Vacuum:	-29.68	
Sample End Time:	1:23	
Final Vacuum:	-2.91	
Post Sample O <sub>2</sub>	18.7%	
Post Sample CO <sub>2</sub> :	>5000 PPM	
Post Sample PID	90 PPB	
<p>Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.</p>		

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p style="text-align: center;"><b>Sample Location Sketch</b></p>
Town:	FALMOUTH	
Date:	7/23/2021	
Sample I.D.:	HA-07	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2.5'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	515	
Flow Control I.D.:	1015	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient	20.9%	
CO <sub>2</sub> Ambient	0.0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub>	18.5%	
Pre-Sample CO <sub>2</sub>	75000	
Pre-Sample PID:	110 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)	
Sample Initiation Time:	1143	
Initial Vacuum:	<del>12.56</del> -29.97	
Sample End Time:	1256	
Final Vacuum:	-9.96	
Post Sample O <sub>2</sub> :	18.6%	
Post Sample CO <sub>2</sub> :	75000 PPM	
Post Sample PID	110 PPB	
Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.		

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p style="text-align: center;"><b>Sample Location Sketch</b></p>
Town:	FALMOUTH	
Date:	7/23/2021	
Sample I.D.:	SV-01	
Sampling Purpose:	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager:	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2.5'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	3195	
Flow Control I.D.:	0374	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient:	20.9%	
CO <sub>2</sub> Ambient:	0.0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub> :	18.6%	
Pre-Sample CO <sub>2</sub> :	75000 PPM	
Pre-Sample PID:	75 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)	
Sample Initiation Time:	1156	
Initial Vacuum:	-29.39	
Sample End Time:	1315	
Final Vacuum:	-24.54	
Post Sample O <sub>2</sub> :	18.6%	
Post Sample CO <sub>2</sub> :	75000 PPM	
Post Sample PID:	75 PPB	
Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.		



Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p style="text-align: center;"><b>Sample Location Sketch</b></p> <p style="text-align: center;">SEE HA-09</p>
Town:	FALMOUTH	
Date:	7-23-21	
Sample I.D.:	HA-06	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	3'	
Depth to Water:	3.5'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	2301	
Flow Control I.D.:	0944	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient	20.9%	
CO <sub>2</sub> Ambient	0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub>	18.6%	
Pre-Sample CO <sub>2</sub>	> 5000 PPM	
Pre-Sample PID:	190 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)	
Sample Initiation Time:	750	
Initial Vacuum:	-30.72	
Sample End Time:	855	
Final Vacuum:	-5.30	
Post Sample O <sub>2</sub>	18.6%	
Post Sample CO <sub>2</sub> :	> 5000	
Post Sample PID	195 PPB	
Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.		

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MORA
Town:	FALMOUTH
Date:	7/23/2021
Sample I.D.:	SV-09
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	CRESSEY
Project Manager	KEEN
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	2.5'
Depth to Water:	3'
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	552
Flow Control I.D.:	01439
Flow control rate:	72 mL/min
O <sub>2</sub> Ambient	20.9%
CO <sub>2</sub> Ambient	6.0 PPM
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample O <sub>2</sub>	18.6%
Pre-Sample CO <sub>2</sub>	75000 PPM
Pre-Sample PID:	81 PPB
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)
Sample Initiation Time:	950
Initial Vacuum:	-31.25
Sample End Time:	1028
Final Vacuum:	-3.87
Post Sample O <sub>2</sub>	18.6%
Post Sample CO <sub>2</sub> :	75000 PPM
Post Sample PID	80 PPB

Sample Location Sketch

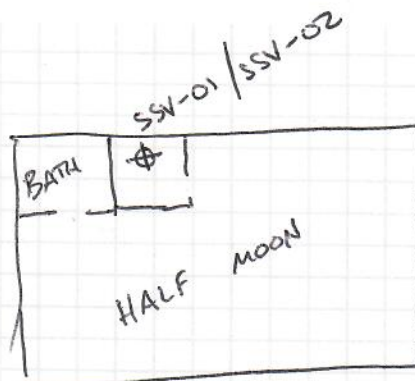
SEE  
SV-03

Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

**Indoor Air Sampling Field Sheet  
Maine DEP**

Site Name:	DAVIS MOTEL
Town:	FALMOUTH
Date:	7/23/2021
Sample I.D.:	SSV-01/SSV-02
Project Manager:	KEEN
Sampling Personnel:	CRESSEY
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Type:	(Subslab) (Indoor Air)
Sampling Location:	UTILITY CLOSET
Foundation Floor Type:	(Dirt) (Concrete)
Foundation Wall Type:	(Concrete) (Block) (Stone) (Brick) (Slab on Grade)
Sump Hole:	(Yes) (No)
Penetrations in Floor:	(Sewer) (Water) (Gas) (Cracks) (Drains)
Penetrations in Wall:	(Sewer) (Water) (Gas) (Electric) (Cracks)
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	3209 / 3448
Flow Control I.D.:	01749 / 01746
Flow control rate:	72 mL/min
PID Reading	254 PPB
Sample Initiation Time:	1053
Initial Vacuum:	-29.63 / -30.68
Sample End Time:	1123
Final Vacuum:	-7.33 / -6.17

**Sample Location Sketch**



Notes/Observations:

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p style="text-align: center;"><b>Sample Location Sketch</b></p>
Town:	FALMOUTH	
Date:	7/23/2021	
Sample I.D.:	HA-01	
Sampling Purpose:	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager:	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2.5'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	145	
Flow Control I.D.:	0594	
Flow control rate:	72 ml/min	
O <sub>2</sub> Ambient:	20.9%	
CO <sub>2</sub> Ambient:	0.0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub> :	18.7%	
Pre-Sample CO <sub>2</sub> :	>5000 PPM	
Pre-Sample PID:	89 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)	
Sample Initiation Time:	937	
Initial Vacuum:	-30.28	
Sample End Time:	1056	
Final Vacuum:	-3.70	
Post Sample O <sub>2</sub> :	18.6%	
Post Sample CO <sub>2</sub> :	>5000 PPM	
Post Sample PID:	81 PPB	
Notes/Observations:	If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.	

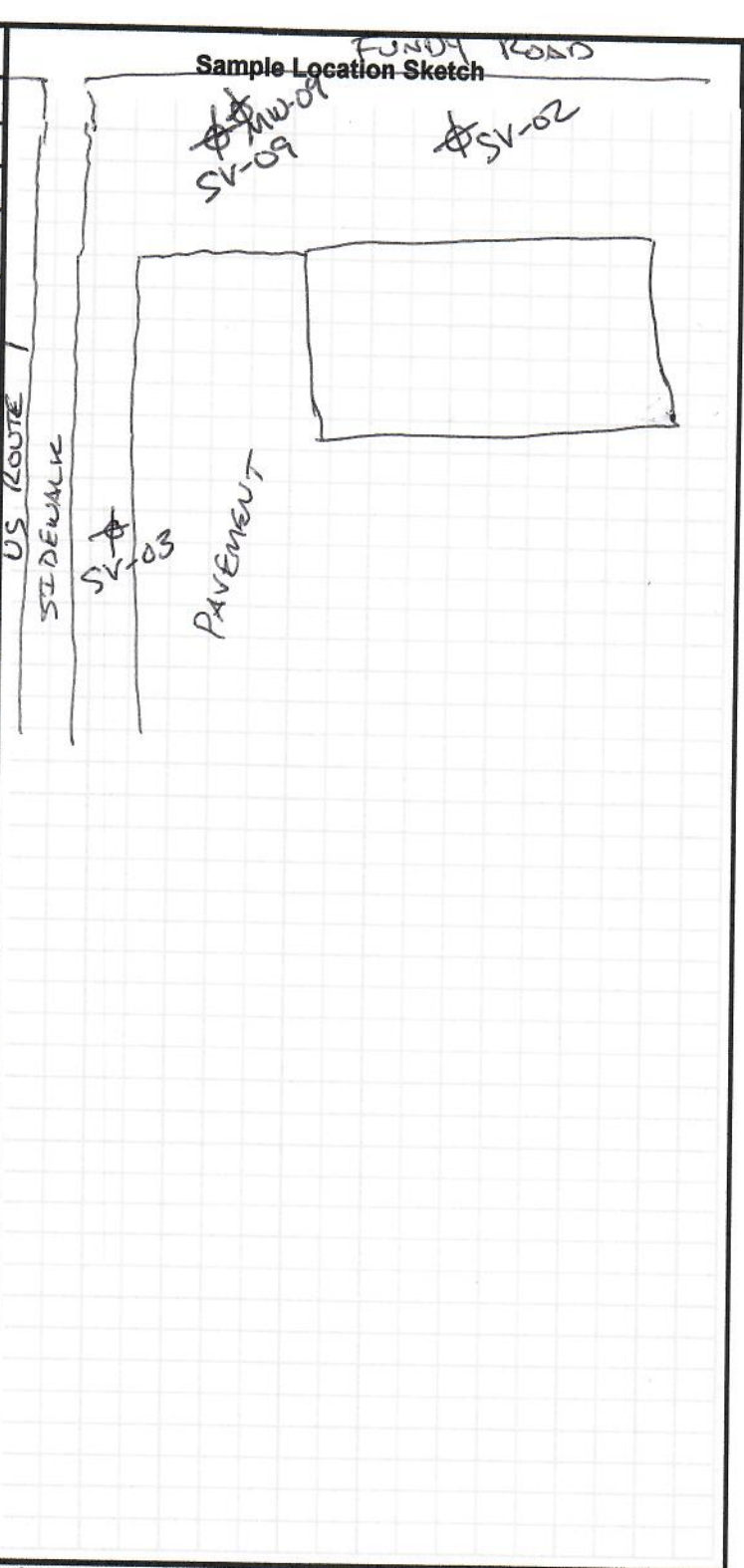
Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL	<p style="text-align: center;"><b>Sample Location Sketch</b></p>
Town:	FALMOUTH	
Date:	7/23/2021	
Sample I.D.:	SV-04	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	CRESSEY	
Project Manager	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2.0'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	363	
Flow Control I.D.:	01100	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient	20.9%	
CO <sub>2</sub> Ambient	0.0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub>	18.5%	
Pre-Sample CO <sub>2</sub>	75000 PPM	
Pre-Sample PID:	194 PPB	
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume) (%LEL, PPM)	
Sample Initiation Time:	1150	
Initial Vacuum:	-30.13	
Sample End Time:	1340	
Final Vaccum:	-12.93	
Post Sample O <sub>2</sub>	18.5%	
Post Sample CO <sub>2</sub> :	75000 PPM	
Post Sample PID	186 PPB	

Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS Motor
Town:	FALMOUTH
Date:	7/23/2021
Sample I.D.:	SV-03
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	CRISSEN
Project Manager	KEEN
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	3'
Depth to Water:	3.0'
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	509
Flow Control I.D.:	01766
Flow control rate:	72 mL/min
O <sub>2</sub> Ambient	20.9%
CO <sub>2</sub> Ambient	0.0 PPM
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample O <sub>2</sub>	18.6%
Pre-Sample CO <sub>2</sub>	>5000
Pre-Sample PID:	135 PPB
Pre-Sample CH <sub>4</sub> :	0.0 (% Volume, %LEL, PPM)
Sample Initiation Time:	900
Initial Vacuum:	-29.89
Sample End Time:	1000
Final Vacuum:	-14.32
Post Sample O <sub>2</sub> :	18.6%
Post Sample CO <sub>2</sub> :	>5000
Post Sample PID	135 PPB



Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

**APPENDIX D**

**ALPHA ANALYTICAL LABORATORY REPORTS**



## ANALYTICAL REPORT

Lab Number:	L2139975
Client:	Beacon Environmental Consultants, LLC 33 Hawthorne Drive P.O. Box 2154 Windham, ME 04062
ATTN:	John Cressey
Phone:	(207) 376-5001
Project Name:	DAVIS MOTEL
Project Number:	BE-365
Report Date:	08/02/21

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), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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





**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2139975-01	HA-06	SOIL	FALMOUTH, ME	07/23/21 08:20	07/26/21
L2139975-02	B-03 (2')	SOIL	FALMOUTH, ME	07/23/21 08:35	07/26/21
L2139975-03	B-05 (3-5')	SOIL	FALMOUTH, ME	07/23/21 09:10	07/26/21
L2139975-04	B-11 (3-5')	SOIL	FALMOUTH, ME	07/23/21 09:10	07/26/21
L2139975-05	B-09 (4-5')	SOIL	FALMOUTH, ME	07/23/21 11:45	07/26/21
L2139975-06	MW-04	WATER	FALMOUTH, ME	07/23/21 10:10	07/26/21
L2139975-07	MW-11	WATER	FALMOUTH, ME	07/23/21 10:10	07/26/21
L2139975-08	MW-09	WATER	FALMOUTH, ME	07/23/21 12:25	07/26/21

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

### Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

**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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

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**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Case Narrative (continued)**

VPH

L2139975-02D: The surrogate recoveries were outside the acceptance criteria for 2,5-dibromotoluene-pid (291%) and 2,5-dibromotoluene-fid (321%); however, re-analysis achieved similar results: 2,5-dibromotoluene-pid (307%) and 2,5-dibromotoluene-fid (304%). The results of the original analysis are reported.

EPH

L2139975-06 and -07 has elevated detection limits for the target analytes only due to the dilution required by the elevated concentrations of these compounds in 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:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/02/21

# ORGANICS

# VOLATILES

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 13:25  
 Analyst: KJD  
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	13	--	1
1,1-Dichloroethane	ND		ug/kg	2.5	--	1
Chloroform	ND		ug/kg	3.8	--	1
Carbon tetrachloride	ND		ug/kg	2.5	--	1
1,2-Dichloropropane	ND		ug/kg	2.5	--	1
Dibromochloromethane	ND		ug/kg	2.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	--	1
Tetrachloroethene	ND		ug/kg	1.3	--	1
Chlorobenzene	ND		ug/kg	1.3	--	1
Trichlorofluoromethane	ND		ug/kg	10	--	1
1,2-Dichloroethane	ND		ug/kg	2.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	--	1
Bromodichloromethane	ND		ug/kg	1.3	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	--	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	--	1
1,1-Dichloropropene	ND		ug/kg	1.3	--	1
Bromoform	ND		ug/kg	10	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	--	1
Benzene	ND		ug/kg	1.3	--	1
Toluene	ND		ug/kg	2.5	--	1
Ethylbenzene	ND		ug/kg	2.5	--	1
Chloromethane	ND		ug/kg	10	--	1
Bromomethane	ND		ug/kg	5.1	--	1
Vinyl chloride	ND		ug/kg	2.5	--	1
Chloroethane	ND		ug/kg	5.1	--	1
1,1-Dichloroethene	ND		ug/kg	2.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.3	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	--	1
Methyl tert butyl ether	ND		ug/kg	5.1	--	1
p/m-Xylene	ND		ug/kg	5.1	--	1
o-Xylene	ND		ug/kg	2.5	--	1
Xylenes, Total	ND		ug/kg	2.5	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	--	1
1,2-Dichloroethene, Total	ND		ug/kg	2.5	--	1
Dibromomethane	ND		ug/kg	5.1	--	1
1,4-Dichlorobutane	ND		ug/kg	25	--	1
1,2,3-Trichloropropane	ND		ug/kg	5.1	--	1
Styrene	ND		ug/kg	2.5	--	1
Dichlorodifluoromethane	ND		ug/kg	25	--	1
Acetone	ND		ug/kg	63	--	1
Carbon disulfide	ND		ug/kg	25	--	1
2-Butanone	ND		ug/kg	25	--	1
Vinyl acetate	ND		ug/kg	25	--	1
4-Methyl-2-pentanone	ND		ug/kg	25	--	1
2-Hexanone	ND		ug/kg	25	--	1
Ethyl methacrylate	ND		ug/kg	25	--	1
Acrylonitrile	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.1	--	1
Tetrahydrofuran	ND		ug/kg	10	--	1
2,2-Dichloropropane	ND		ug/kg	5.1	--	1
1,2-Dibromoethane	ND		ug/kg	2.5	--	1
1,3-Dichloropropane	ND		ug/kg	5.1	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	--	1
Bromobenzene	ND		ug/kg	5.1	--	1
n-Butylbenzene	ND		ug/kg	2.5	--	1
sec-Butylbenzene	ND		ug/kg	2.5	--	1
tert-Butylbenzene	ND		ug/kg	5.1	--	1
o-Chlorotoluene	ND		ug/kg	5.1	--	1
p-Chlorotoluene	ND		ug/kg	5.1	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	--	1
Hexachlorobutadiene	ND		ug/kg	10	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Isopropylbenzene	ND		ug/kg	2.5	--	1
p-Isopropyltoluene	ND		ug/kg	2.5	--	1
Naphthalene	ND		ug/kg	10	--	1
n-Propylbenzene	ND		ug/kg	2.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	13	--	1
Ethyl ether	ND		ug/kg	5.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130



Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-02  
 Client ID: B-03 (2')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 07/30/21 15:24  
 Analyst: MKS  
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	290	--	1
1,1-Dichloroethane	ND		ug/kg	58	--	1
Chloroform	ND		ug/kg	87	--	1
Carbon tetrachloride	ND		ug/kg	58	--	1
1,2-Dichloropropane	ND		ug/kg	58	--	1
Dibromochloromethane	ND		ug/kg	58	--	1
1,1,2-Trichloroethane	ND		ug/kg	58	--	1
Tetrachloroethene	ND		ug/kg	29	--	1
Chlorobenzene	ND		ug/kg	29	--	1
Trichlorofluoromethane	ND		ug/kg	230	--	1
1,2-Dichloroethane	ND		ug/kg	58	--	1
1,1,1-Trichloroethane	ND		ug/kg	29	--	1
Bromodichloromethane	ND		ug/kg	29	--	1
trans-1,3-Dichloropropene	ND		ug/kg	58	--	1
cis-1,3-Dichloropropene	ND		ug/kg	29	--	1
1,3-Dichloropropene, Total	ND		ug/kg	29	--	1
1,1-Dichloropropene	ND		ug/kg	29	--	1
Bromoform	ND		ug/kg	230	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	--	1
Benzene	ND		ug/kg	29	--	1
Toluene	ND		ug/kg	58	--	1
Ethylbenzene	74		ug/kg	58	--	1
Chloromethane	ND		ug/kg	230	--	1
Bromomethane	ND		ug/kg	120	--	1
Vinyl chloride	ND		ug/kg	58	--	1
Chloroethane	ND		ug/kg	120	--	1
1,1-Dichloroethene	ND		ug/kg	58	--	1
trans-1,2-Dichloroethene	ND		ug/kg	87	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-02  
 Client ID: B-03 (2')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	29	--	1
1,2-Dichlorobenzene	ND		ug/kg	120	--	1
1,3-Dichlorobenzene	ND		ug/kg	120	--	1
1,4-Dichlorobenzene	ND		ug/kg	120	--	1
Methyl tert butyl ether	ND		ug/kg	120	--	1
p/m-Xylene	ND		ug/kg	120	--	1
o-Xylene	ND		ug/kg	58	--	1
Xylenes, Total	ND		ug/kg	58	--	1
cis-1,2-Dichloroethene	ND		ug/kg	58	--	1
1,2-Dichloroethene, Total	ND		ug/kg	58	--	1
Dibromomethane	ND		ug/kg	120	--	1
1,4-Dichlorobutane	ND		ug/kg	580	--	1
1,2,3-Trichloropropane	ND		ug/kg	120	--	1
Styrene	ND		ug/kg	58	--	1
Dichlorodifluoromethane	ND		ug/kg	580	--	1
Acetone	ND		ug/kg	580	--	1
Carbon disulfide	ND		ug/kg	580	--	1
2-Butanone	ND		ug/kg	580	--	1
Vinyl acetate	ND		ug/kg	580	--	1
4-Methyl-2-pentanone	ND		ug/kg	580	--	1
2-Hexanone	ND		ug/kg	580	--	1
Ethyl methacrylate	ND		ug/kg	580	--	1
Acrylonitrile	ND		ug/kg	230	--	1
Bromochloromethane	ND		ug/kg	120	--	1
Tetrahydrofuran	ND		ug/kg	230	--	1
2,2-Dichloropropane	ND		ug/kg	120	--	1
1,2-Dibromoethane	ND		ug/kg	58	--	1
1,3-Dichloropropane	ND		ug/kg	120	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	29	--	1
Bromobenzene	ND		ug/kg	120	--	1
n-Butylbenzene	4700		ug/kg	58	--	1
sec-Butylbenzene	1400		ug/kg	58	--	1
tert-Butylbenzene	ND		ug/kg	120	--	1
o-Chlorotoluene	ND		ug/kg	120	--	1
p-Chlorotoluene	ND		ug/kg	120	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	230	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-02  
 Client ID: B-03 (2')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Isopropylbenzene	450		ug/kg	58	--	1
p-Isopropyltoluene	100		ug/kg	58	--	1
Naphthalene	ND		ug/kg	230	--	1
n-Propylbenzene	3500		ug/kg	58	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	--	1
Ethyl ether	ND		ug/kg	120	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	91		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 13:50  
 Analyst: MV  
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	20	--	1
1,1-Dichloroethane	ND		ug/kg	4.0	--	1
Chloroform	ND		ug/kg	6.0	--	1
Carbon tetrachloride	ND		ug/kg	4.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	4.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	16	--	1
1,2-Dichloroethane	ND		ug/kg	4.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
1,3-Dichloropropene, Total	ND		ug/kg	2.0	--	1
1,1-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	16	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	4.0	--	1
Ethylbenzene	ND		ug/kg	4.0	--	1
Chloromethane	ND		ug/kg	16	--	1
Bromomethane	ND		ug/kg	8.1	--	1
Vinyl chloride	ND		ug/kg	4.0	--	1
Chloroethane	ND		ug/kg	8.1	--	1
1,1-Dichloroethene	ND		ug/kg	4.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	6.0	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.1	--	1
Methyl tert butyl ether	ND		ug/kg	8.1	--	1
p/m-Xylene	ND		ug/kg	8.1	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	4.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	4.0	--	1
Dibromomethane	ND		ug/kg	8.1	--	1
1,4-Dichlorobutane	ND		ug/kg	40	--	1
1,2,3-Trichloropropane	ND		ug/kg	8.1	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	40	--	1
Acetone	200		ug/kg	100	--	1
Carbon disulfide	ND		ug/kg	40	--	1
2-Butanone	ND		ug/kg	40	--	1
Vinyl acetate	ND		ug/kg	40	--	1
4-Methyl-2-pentanone	ND		ug/kg	40	--	1
2-Hexanone	ND		ug/kg	40	--	1
Ethyl methacrylate	ND		ug/kg	40	--	1
Acrylonitrile	ND		ug/kg	16	--	1
Bromochloromethane	ND		ug/kg	8.1	--	1
Tetrahydrofuran	ND		ug/kg	16	--	1
2,2-Dichloropropane	ND		ug/kg	8.1	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,3-Dichloropropane	ND		ug/kg	8.1	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Bromobenzene	ND		ug/kg	8.1	--	1
n-Butylbenzene	ND		ug/kg	4.0	--	1
sec-Butylbenzene	ND		ug/kg	4.0	--	1
tert-Butylbenzene	ND		ug/kg	8.1	--	1
o-Chlorotoluene	ND		ug/kg	8.1	--	1
p-Chlorotoluene	ND		ug/kg	8.1	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	--	1
Hexachlorobutadiene	ND		ug/kg	16	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Isopropylbenzene	ND		ug/kg	4.0	--	1
p-Isopropyltoluene	ND		ug/kg	4.0	--	1
Naphthalene	ND		ug/kg	16	--	1
n-Propylbenzene	8.6		ug/kg	4.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.1	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.1	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.1	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	20	--	1
Ethyl ether	ND		ug/kg	8.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 14:16  
 Analyst: MV  
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.7	--	1
Chloroform	ND		ug/kg	4.1	--	1
Carbon tetrachloride	ND		ug/kg	2.7	--	1
1,2-Dichloropropane	ND		ug/kg	2.7	--	1
Dibromochloromethane	ND		ug/kg	2.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	--	1
Tetrachloroethene	ND		ug/kg	1.4	--	1
Chlorobenzene	ND		ug/kg	1.4	--	1
Trichlorofluoromethane	ND		ug/kg	11	--	1
1,2-Dichloroethane	ND		ug/kg	2.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	--	1
Bromodichloromethane	ND		ug/kg	1.4	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	--	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	--	1
1,1-Dichloropropene	ND		ug/kg	1.4	--	1
Bromoform	ND		ug/kg	11	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	--	1
Benzene	ND		ug/kg	1.4	--	1
Toluene	ND		ug/kg	2.7	--	1
Ethylbenzene	ND		ug/kg	2.7	--	1
Chloromethane	ND		ug/kg	11	--	1
Bromomethane	ND		ug/kg	5.4	--	1
Vinyl chloride	ND		ug/kg	2.7	--	1
Chloroethane	ND		ug/kg	5.4	--	1
1,1-Dichloroethene	ND		ug/kg	2.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.4	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	--	1
Methyl tert butyl ether	ND		ug/kg	5.4	--	1
p/m-Xylene	ND		ug/kg	5.4	--	1
o-Xylene	ND		ug/kg	2.7	--	1
Xylenes, Total	ND		ug/kg	2.7	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	--	1
1,2-Dichloroethene, Total	ND		ug/kg	2.7	--	1
Dibromomethane	ND		ug/kg	5.4	--	1
1,4-Dichlorobutane	ND		ug/kg	27	--	1
1,2,3-Trichloropropane	ND		ug/kg	5.4	--	1
Styrene	ND		ug/kg	2.7	--	1
Dichlorodifluoromethane	ND		ug/kg	27	--	1
Acetone	120		ug/kg	68	--	1
Carbon disulfide	ND		ug/kg	27	--	1
2-Butanone	ND		ug/kg	27	--	1
Vinyl acetate	ND		ug/kg	27	--	1
4-Methyl-2-pentanone	ND		ug/kg	27	--	1
2-Hexanone	ND		ug/kg	27	--	1
Ethyl methacrylate	ND		ug/kg	27	--	1
Acrylonitrile	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.4	--	1
Tetrahydrofuran	ND		ug/kg	11	--	1
2,2-Dichloropropane	ND		ug/kg	5.4	--	1
1,2-Dibromoethane	ND		ug/kg	2.7	--	1
1,3-Dichloropropane	ND		ug/kg	5.4	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	--	1
Bromobenzene	ND		ug/kg	5.4	--	1
n-Butylbenzene	ND		ug/kg	2.7	--	1
sec-Butylbenzene	ND		ug/kg	2.7	--	1
tert-Butylbenzene	ND		ug/kg	5.4	--	1
o-Chlorotoluene	ND		ug/kg	5.4	--	1
p-Chlorotoluene	ND		ug/kg	5.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.1	--	1
Hexachlorobutadiene	ND		ug/kg	11	--	1



Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Isopropylbenzene	ND		ug/kg	2.7	--	1
p-Isopropyltoluene	ND		ug/kg	2.7	--	1
Naphthalene	ND		ug/kg	11	--	1
n-Propylbenzene	ND		ug/kg	2.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	--	1
Ethyl ether	ND		ug/kg	5.4	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 14:42  
 Analyst: MV  
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	9.7	--	1
1,1-Dichloroethane	ND		ug/kg	1.9	--	1
Chloroform	ND		ug/kg	2.9	--	1
Carbon tetrachloride	ND		ug/kg	1.9	--	1
1,2-Dichloropropane	ND		ug/kg	1.9	--	1
Dibromochloromethane	ND		ug/kg	1.9	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	--	1
Tetrachloroethene	ND		ug/kg	0.97	--	1
Chlorobenzene	ND		ug/kg	0.97	--	1
Trichlorofluoromethane	ND		ug/kg	7.8	--	1
1,2-Dichloroethane	ND		ug/kg	1.9	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	--	1
Bromodichloromethane	ND		ug/kg	0.97	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	--	1
1,1-Dichloropropene	ND		ug/kg	0.97	--	1
Bromoform	ND		ug/kg	7.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	--	1
Benzene	ND		ug/kg	0.97	--	1
Toluene	ND		ug/kg	1.9	--	1
Ethylbenzene	ND		ug/kg	1.9	--	1
Chloromethane	ND		ug/kg	7.8	--	1
Bromomethane	ND		ug/kg	3.9	--	1
Vinyl chloride	ND		ug/kg	1.9	--	1
Chloroethane	ND		ug/kg	3.9	--	1
1,1-Dichloroethene	ND		ug/kg	1.9	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.9	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.97	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.9	--	1
Methyl tert butyl ether	ND		ug/kg	3.9	--	1
p/m-Xylene	ND		ug/kg	3.9	--	1
o-Xylene	ND		ug/kg	1.9	--	1
Xylenes, Total	ND		ug/kg	1.9	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	--	1
Dibromomethane	ND		ug/kg	3.9	--	1
1,4-Dichlorobutane	ND		ug/kg	19	--	1
1,2,3-Trichloropropane	ND		ug/kg	3.9	--	1
Styrene	ND		ug/kg	1.9	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	49	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
Vinyl acetate	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Ethyl methacrylate	ND		ug/kg	19	--	1
Acrylonitrile	ND		ug/kg	7.8	--	1
Bromochloromethane	ND		ug/kg	3.9	--	1
Tetrahydrofuran	ND		ug/kg	7.8	--	1
2,2-Dichloropropane	ND		ug/kg	3.9	--	1
1,2-Dibromoethane	ND		ug/kg	1.9	--	1
1,3-Dichloropropane	ND		ug/kg	3.9	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	--	1
Bromobenzene	ND		ug/kg	3.9	--	1
n-Butylbenzene	ND		ug/kg	1.9	--	1
sec-Butylbenzene	ND		ug/kg	1.9	--	1
tert-Butylbenzene	ND		ug/kg	3.9	--	1
o-Chlorotoluene	ND		ug/kg	3.9	--	1
p-Chlorotoluene	ND		ug/kg	3.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	--	1
Hexachlorobutadiene	ND		ug/kg	7.8	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Isopropylbenzene	ND		ug/kg	1.9	--	1
p-Isopropyltoluene	ND		ug/kg	1.9	--	1
Naphthalene	ND		ug/kg	7.8	--	1
n-Propylbenzene	ND		ug/kg	1.9	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.9	--	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.7	--	1
Ethyl ether	ND		ug/kg	3.9	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-06 D

Date Collected: 07/23/21 10:10

Client ID: MW-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 07/29/21 18:27

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	6.0	--	2
1,1-Dichloroethane	ND		ug/l	1.5	--	2
Chloroform	ND		ug/l	1.5	--	2
Carbon tetrachloride	ND		ug/l	1.0	--	2
1,2-Dichloropropane	ND		ug/l	2.0	--	2
Dibromochloromethane	ND		ug/l	1.0	--	2
1,1,2-Trichloroethane	ND		ug/l	1.5	--	2
Tetrachloroethene	ND		ug/l	1.0	--	2
Chlorobenzene	ND		ug/l	1.0	--	2
Trichlorofluoromethane	ND		ug/l	2.0	--	2
1,2-Dichloroethane	ND		ug/l	1.0	--	2
1,1,1-Trichloroethane	ND		ug/l	1.0	--	2
Bromodichloromethane	ND		ug/l	1.0	--	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	--	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	--	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	--	2
1,1-Dichloropropene	ND		ug/l	2.0	--	2
Bromoform	ND		ug/l	2.0	--	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Benzene	5.7		ug/l	1.0	--	2
Toluene	2.0		ug/l	1.5	--	2
Ethylbenzene	130		ug/l	1.0	--	2
Chloromethane	ND		ug/l	4.0	--	2
Bromomethane	ND		ug/l	2.0	--	2
Vinyl chloride	ND		ug/l	0.40	--	2
Chloroethane	ND		ug/l	2.0	--	2
1,1-Dichloroethene	ND		ug/l	1.0	--	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	--	2

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-06 D

Date Collected: 07/23/21 10:10

Client ID: MW-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichloroethene, Total	ND		ug/l	1.0	--	2
Trichloroethene	ND		ug/l	1.0	--	2
1,2-Dichlorobenzene	ND		ug/l	2.0	--	2
1,3-Dichlorobenzene	ND		ug/l	2.0	--	2
1,4-Dichlorobenzene	ND		ug/l	2.0	--	2
Methyl tert butyl ether	ND		ug/l	2.0	--	2
p/m-Xylene	13		ug/l	2.0	--	2
o-Xylene	2.4		ug/l	2.0	--	2
Xylenes, Total	15		ug/l	2.0	--	2
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	2
Dibromomethane	ND		ug/l	2.0	--	2
1,4-Dichlorobutane	ND		ug/l	10	--	2
1,2,3-Trichloropropane	ND		ug/l	2.0	--	2
Styrene	ND		ug/l	2.0	--	2
Dichlorodifluoromethane	ND		ug/l	4.0	--	2
Acetone	ND		ug/l	10	--	2
Carbon disulfide	ND		ug/l	2.0	--	2
2-Butanone	ND		ug/l	10	--	2
Vinyl acetate	ND		ug/l	10	--	2
4-Methyl-2-pentanone	ND		ug/l	10	--	2
2-Hexanone	ND		ug/l	10	--	2
Ethyl methacrylate	ND		ug/l	10	--	2
Acrylonitrile	ND		ug/l	10	--	2
Bromochloromethane	ND		ug/l	2.0	--	2
Tetrahydrofuran	ND		ug/l	4.0	--	2
2,2-Dichloropropane	ND		ug/l	2.0	--	2
1,2-Dibromoethane	ND		ug/l	2.0	--	2
1,3-Dichloropropane	ND		ug/l	2.0	--	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Bromobenzene	ND		ug/l	2.0	--	2
n-Butylbenzene	21		ug/l	1.0	--	2
sec-Butylbenzene	9.5		ug/l	1.0	--	2
tert-Butylbenzene	ND		ug/l	2.0	--	2
o-Chlorotoluene	ND		ug/l	2.0	--	2
p-Chlorotoluene	ND		ug/l	2.0	--	2
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	2
Hexachlorobutadiene	ND		ug/l	1.0	--	2

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-06 D

Date Collected: 07/23/21 10:10

Client ID: MW-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	46		ug/l	1.0	--	2
p-Isopropyltoluene	1.2		ug/l	1.0	--	2
Naphthalene	220		ug/l	2.0	--	2
n-Propylbenzene	110		ug/l	1.0	--	2
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	2
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	2
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	2
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	--	2
Ethyl ether	ND		ug/l	2.0	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	85		70-130

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-07 D  
 Client ID: MW-11  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 11:40  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	6.0	--	2
1,1-Dichloroethane	ND		ug/l	1.5	--	2
Chloroform	ND		ug/l	1.5	--	2
Carbon tetrachloride	ND		ug/l	1.0	--	2
1,2-Dichloropropane	ND		ug/l	2.0	--	2
Dibromochloromethane	ND		ug/l	1.0	--	2
1,1,2-Trichloroethane	ND		ug/l	1.5	--	2
Tetrachloroethene	ND		ug/l	1.0	--	2
Chlorobenzene	ND		ug/l	1.0	--	2
Trichlorofluoromethane	ND		ug/l	2.0	--	2
1,2-Dichloroethane	ND		ug/l	1.0	--	2
1,1,1-Trichloroethane	ND		ug/l	1.0	--	2
Bromodichloromethane	ND		ug/l	1.0	--	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	--	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	--	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	--	2
1,1-Dichloropropene	ND		ug/l	2.0	--	2
Bromoform	ND		ug/l	2.0	--	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Benzene	6.1		ug/l	1.0	--	2
Toluene	2.0		ug/l	1.5	--	2
Ethylbenzene	130		ug/l	1.0	--	2
Chloromethane	ND		ug/l	4.0	--	2
Bromomethane	ND		ug/l	2.0	--	2
Vinyl chloride	ND		ug/l	0.40	--	2
Chloroethane	ND		ug/l	2.0	--	2
1,1-Dichloroethene	ND		ug/l	1.0	--	2
trans-1,2-Dichloroethene	ND		ug/l	1.5	--	2



Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-07 D

Date Collected: 07/23/21 10:10

Client ID: MW-11

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichloroethene, Total	ND		ug/l	1.0	--	2
Trichloroethene	ND		ug/l	1.0	--	2
1,2-Dichlorobenzene	ND		ug/l	2.0	--	2
1,3-Dichlorobenzene	ND		ug/l	2.0	--	2
1,4-Dichlorobenzene	ND		ug/l	2.0	--	2
Methyl tert butyl ether	ND		ug/l	2.0	--	2
p/m-Xylene	13		ug/l	2.0	--	2
o-Xylene	2.6		ug/l	2.0	--	2
Xylenes, Total	16		ug/l	2.0	--	2
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	2
Dibromomethane	ND		ug/l	2.0	--	2
1,4-Dichlorobutane	ND		ug/l	10	--	2
1,2,3-Trichloropropane	ND		ug/l	2.0	--	2
Styrene	ND		ug/l	2.0	--	2
Dichlorodifluoromethane	ND		ug/l	4.0	--	2
Acetone	ND		ug/l	10	--	2
Carbon disulfide	ND		ug/l	2.0	--	2
2-Butanone	ND		ug/l	10	--	2
Vinyl acetate	ND		ug/l	10	--	2
4-Methyl-2-pentanone	ND		ug/l	10	--	2
2-Hexanone	ND		ug/l	10	--	2
Ethyl methacrylate	ND		ug/l	10	--	2
Acrylonitrile	ND		ug/l	10	--	2
Bromochloromethane	ND		ug/l	2.0	--	2
Tetrahydrofuran	ND		ug/l	4.0	--	2
2,2-Dichloropropane	ND		ug/l	2.0	--	2
1,2-Dibromoethane	ND		ug/l	2.0	--	2
1,3-Dichloropropane	ND		ug/l	2.0	--	2
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	2
Bromobenzene	ND		ug/l	2.0	--	2
n-Butylbenzene	20		ug/l	1.0	--	2
sec-Butylbenzene	9.9		ug/l	1.0	--	2
tert-Butylbenzene	ND		ug/l	2.0	--	2
o-Chlorotoluene	ND		ug/l	2.0	--	2
p-Chlorotoluene	ND		ug/l	2.0	--	2
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	2
Hexachlorobutadiene	ND		ug/l	1.0	--	2

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-07 D

Date Collected: 07/23/21 10:10

Client ID: MW-11

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	45		ug/l	1.0	--	2
p-Isopropyltoluene	1.2		ug/l	1.0	--	2
Naphthalene	170		ug/l	2.0	--	2
n-Propylbenzene	110		ug/l	1.0	--	2
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	2
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	2
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	2
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	--	2
Ethyl ether	ND		ug/l	2.0	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 07/29/21 11:13  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
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	1.0	--	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	1.0	--	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	1.0	--	1
Bromoform	ND		ug/l	1.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	1.0		ug/l	0.50	--	1
Toluene	5.6		ug/l	0.75	--	1
Ethylbenzene	1.4		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	0.20	--	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

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	4.8		ug/l	1.0	--	1
o-Xylene	1.7		ug/l	1.0	--	1
Xylenes, Total	6.5		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	1.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	1.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	1.0	--	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	1.0	--	1
Tetrahydrofuran	ND		ug/l	2.0	--	1
2,2-Dichloropropane	ND		ug/l	1.0	--	1
1,2-Dibromoethane	ND		ug/l	1.0	--	1
1,3-Dichloropropane	ND		ug/l	1.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	1.0	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	1.0	--	1
o-Chlorotoluene	ND		ug/l	1.0	--	1
p-Chlorotoluene	ND		ug/l	1.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	1.0	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	--	1
1,2,4-Trimethylbenzene	1.1		ug/l	1.0	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	1.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 06:58  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-05 Batch: WG1529480-5					
Methylene chloride	ND		ug/kg	5.0	--
1,1-Dichloroethane	ND		ug/kg	1.0	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	1.0	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.0	--
2-Chloroethylvinyl ether	ND		ug/kg	20	--
Tetrachloroethene	ND		ug/kg	0.50	--
Chlorobenzene	ND		ug/kg	0.50	--
Trichlorofluoromethane	ND		ug/kg	4.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	0.50	--
Bromodichloromethane	ND		ug/kg	0.50	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--
1,1-Dichloropropene	ND		ug/kg	0.50	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--
Benzene	ND		ug/kg	0.50	--
Toluene	ND		ug/kg	1.0	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	4.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	1.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 06:58  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-05 Batch: WG1529480-5					
Trichloroethene	ND		ug/kg	0.50	--
1,2-Dichlorobenzene	ND		ug/kg	2.0	--
1,3-Dichlorobenzene	ND		ug/kg	2.0	--
1,4-Dichlorobenzene	ND		ug/kg	2.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	1.0	--
Xylenes, Total	ND		ug/kg	1.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	2.0	--
1,4-Dichlorobutane	ND		ug/kg	10	--
1,2,3-Trichloropropane	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	1.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	25	--
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	2.0	--
Tetrahydrofuran	ND		ug/kg	4.0	--
2,2-Dichloropropane	ND		ug/kg	2.0	--
1,2-Dibromoethane	ND		ug/kg	1.0	--
1,3-Dichloropropane	ND		ug/kg	2.0	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 06:58  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-05 Batch: WG1529480-5					
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--
Bromobenzene	ND		ug/kg	2.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	2.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--
o-Chlorotoluene	ND		ug/kg	2.0	--
p-Chlorotoluene	ND		ug/kg	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--
Hexachlorobutadiene	ND		ug/kg	4.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	4.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	--
Ethyl ether	ND		ug/kg	2.0	--
Methyl Acetate	ND		ug/kg	4.0	--
Ethyl Acetate	ND		ug/kg	10	--
Isopropyl Ether	ND		ug/kg	2.0	--
Cyclohexane	ND		ug/kg	10	--
Tert-Butyl Alcohol	ND		ug/kg	20	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--
1,4-Dioxane	ND		ug/kg	80	--
Methyl cyclohexane	ND		ug/kg	4.0	--



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 06:58  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-05 Batch: WG1529480-5					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	4.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 16:32  
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1529880-5					
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	1.0	--
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	1.0	--
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	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	1.0	--
Bromoform	ND		ug/l	1.0	--
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	2.0	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	0.20	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 16:32  
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1529880-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	1.0	--
1,3-Dichlorobenzene	ND		ug/l	1.0	--
1,4-Dichlorobenzene	ND		ug/l	1.0	--
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	1.0	--
1,4-Dichlorobutane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	1.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	2.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	1.0	--
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	1.0	--
Tetrahydrofuran	ND		ug/l	2.0	--
2,2-Dichloropropane	ND		ug/l	1.0	--
1,2-Dibromoethane	ND		ug/l	1.0	--
1,3-Dichloropropane	ND		ug/l	1.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	1.0	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 16:32  
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1529880-5					
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	1.0	--
o-Chlorotoluene	ND		ug/l	1.0	--
p-Chlorotoluene	ND		ug/l	1.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	1.0	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	1.0	--
1,2,4-Trichlorobenzene	ND		ug/l	1.0	--
1,3,5-Trimethylbenzene	ND		ug/l	1.0	--
1,2,4-Trimethylbenzene	ND		ug/l	1.0	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	1.0	--
Methyl cyclohexane	ND		ug/l	10	--
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 10:46  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1529888-5					
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	1.0	--
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	1.0	--
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	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	1.0	--
Bromoform	ND		ug/l	1.0	--
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	2.0	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	0.20	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 10:46  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1529888-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	1.0	--
1,3-Dichlorobenzene	ND		ug/l	1.0	--
1,4-Dichlorobenzene	ND		ug/l	1.0	--
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	1.0	--
1,4-Dichlorobutane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	1.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	2.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	1.0	--
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	1.0	--
Tetrahydrofuran	ND		ug/l	2.0	--
2,2-Dichloropropane	ND		ug/l	1.0	--
1,2-Dibromoethane	ND		ug/l	1.0	--
1,3-Dichloropropane	ND		ug/l	1.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	1.0	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/29/21 10:46  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG1529888-5					
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	1.0	--
o-Chlorotoluene	ND		ug/l	1.0	--
p-Chlorotoluene	ND		ug/l	1.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	1.0	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	1.0	--
1,2,4-Trichlorobenzene	ND		ug/l	1.0	--
1,3,5-Trimethylbenzene	ND		ug/l	1.0	--
1,2,4-Trimethylbenzene	ND		ug/l	1.0	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	1.0	--
Methyl cyclohexane	ND		ug/l	10	--
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/30/21 06:22  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1530354-5					
Methylene chloride	ND		ug/kg	250	--
1,1-Dichloroethane	ND		ug/kg	50	--
Chloroform	ND		ug/kg	75	--
Carbon tetrachloride	ND		ug/kg	50	--
1,2-Dichloropropane	ND		ug/kg	50	--
Dibromochloromethane	ND		ug/kg	50	--
1,1,2-Trichloroethane	ND		ug/kg	50	--
2-Chloroethylvinyl ether	ND		ug/kg	1000	--
Tetrachloroethene	ND		ug/kg	25	--
Chlorobenzene	ND		ug/kg	25	--
Trichlorofluoromethane	ND		ug/kg	200	--
1,2-Dichloroethane	ND		ug/kg	50	--
1,1,1-Trichloroethane	ND		ug/kg	25	--
Bromodichloromethane	ND		ug/kg	25	--
trans-1,3-Dichloropropene	ND		ug/kg	50	--
cis-1,3-Dichloropropene	ND		ug/kg	25	--
1,3-Dichloropropene, Total	ND		ug/kg	25	--
1,1-Dichloropropene	ND		ug/kg	25	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	--
Benzene	ND		ug/kg	25	--
Toluene	ND		ug/kg	50	--
Ethylbenzene	ND		ug/kg	50	--
Chloromethane	ND		ug/kg	200	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	50	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	50	--
trans-1,2-Dichloroethene	ND		ug/kg	75	--



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/30/21 06:22  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1530354-5					
Trichloroethene	ND		ug/kg	25	--
1,2-Dichlorobenzene	ND		ug/kg	100	--
1,3-Dichlorobenzene	ND		ug/kg	100	--
1,4-Dichlorobenzene	ND		ug/kg	100	--
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	100	--
o-Xylene	ND		ug/kg	50	--
Xylenes, Total	ND		ug/kg	50	--
cis-1,2-Dichloroethene	ND		ug/kg	50	--
1,2-Dichloroethene, Total	ND		ug/kg	50	--
Dibromomethane	ND		ug/kg	100	--
1,4-Dichlorobutane	ND		ug/kg	500	--
1,2,3-Trichloropropane	ND		ug/kg	100	--
Styrene	ND		ug/kg	50	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	500	--
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	100	--
Tetrahydrofuran	ND		ug/kg	200	--
2,2-Dichloropropane	ND		ug/kg	100	--
1,2-Dibromoethane	ND		ug/kg	50	--
1,3-Dichloropropane	ND		ug/kg	100	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/30/21 06:22  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1530354-5					
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--
Bromobenzene	ND		ug/kg	100	--
n-Butylbenzene	ND		ug/kg	50	--
sec-Butylbenzene	ND		ug/kg	50	--
tert-Butylbenzene	ND		ug/kg	100	--
1,3,5-Trichlorobenzene	ND		ug/kg	100	--
o-Chlorotoluene	ND		ug/kg	100	--
p-Chlorotoluene	ND		ug/kg	100	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--
Hexachlorobutadiene	ND		ug/kg	200	--
Isopropylbenzene	ND		ug/kg	50	--
p-Isopropyltoluene	ND		ug/kg	50	--
Naphthalene	ND		ug/kg	200	--
n-Propylbenzene	ND		ug/kg	50	--
1,2,3-Trichlorobenzene	ND		ug/kg	100	--
1,2,4-Trichlorobenzene	ND		ug/kg	100	--
1,3,5-Trimethylbenzene	ND		ug/kg	100	--
1,2,4-Trimethylbenzene	ND		ug/kg	100	--
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	--
Ethyl ether	ND		ug/kg	100	--
Methyl Acetate	ND		ug/kg	200	--
Ethyl Acetate	ND		ug/kg	500	--
Isopropyl Ether	ND		ug/kg	100	--
Cyclohexane	ND		ug/kg	500	--
Tert-Butyl Alcohol	ND		ug/kg	1000	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--
1,4-Dioxane	ND		ug/kg	4000	--
Methyl cyclohexane	ND		ug/kg	200	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 07/30/21 06:22  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1530354-5					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	200	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1529480-3 WG1529480-4									
Methylene chloride	90		86		70-130		5		30
1,1-Dichloroethane	95		91		70-130		4		30
Chloroform	98		94		70-130		4		30
Carbon tetrachloride	105		97		70-130		8		30
1,2-Dichloropropane	96		92		70-130		4		30
Dibromochloromethane	104		101		70-130		3		30
1,1,2-Trichloroethane	96		96		70-130		0		30
2-Chloroethylvinyl ether	100		99		70-130		1		30
Tetrachloroethene	108		102		70-130		6		30
Chlorobenzene	102		98		70-130		4		30
Trichlorofluoromethane	123		112		70-139		9		30
1,2-Dichloroethane	99		96		70-130		3		30
1,1,1-Trichloroethane	102		96		70-130		6		30
Bromodichloromethane	102		97		70-130		5		30
trans-1,3-Dichloropropene	97		95		70-130		2		30
cis-1,3-Dichloropropene	103		100		70-130		3		30
1,1-Dichloropropene	101		96		70-130		5		30
Bromoform	100		97		70-130		3		30
1,1,1,2-Tetrachloroethane	90		90		70-130		0		30
Benzene	96		92		70-130		4		30
Toluene	94		91		70-130		3		30
Ethylbenzene	99		95		70-130		4		30
Chloromethane	78		73		52-130		7		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1529480-3 WG1529480-4								
Bromomethane	116		104		57-147	11		30
Vinyl chloride	96		92		67-130	4		30
Chloroethane	113		105		50-151	7		30
1,1-Dichloroethene	96		91		65-135	5		30
trans-1,2-Dichloroethene	98		93		70-130	5		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	104		102		70-130	2		30
1,3-Dichlorobenzene	108		104		70-130	4		30
1,4-Dichlorobenzene	104		103		70-130	1		30
Methyl tert butyl ether	91		89		66-130	2		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	104		101		70-130	3		30
cis-1,2-Dichloroethene	99		95		70-130	4		30
Dibromomethane	105		101		70-130	4		30
1,4-Dichlorobutane	86		87		70-130	1		30
1,2,3-Trichloropropane	90		91		68-130	1		30
Styrene	107		103		70-130	4		30
Dichlorodifluoromethane	80		76		30-146	5		30
Acetone	90		89		54-140	1		30
Carbon disulfide	83		79		59-130	5		30
2-Butanone	72		71		70-130	1		30
Vinyl acetate	88		86		70-130	2		30
4-Methyl-2-pentanone	83		83		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1529480-3 WG1529480-4								
2-Hexanone	81		81		70-130	0		30
Ethyl methacrylate	85		85		70-130	0		30
Acrolein	83		80		70-130	4		30
Acrylonitrile	83		77		70-130	8		30
Bromochloromethane	106		103		70-130	3		30
Tetrahydrofuran	86		82		66-130	5		30
2,2-Dichloropropane	100		95		70-130	5		30
1,2-Dibromoethane	93		92		70-130	1		30
1,3-Dichloropropane	95		93		69-130	2		30
1,1,1,2-Tetrachloroethane	103		100		70-130	3		30
Bromobenzene	102		99		70-130	3		30
n-Butylbenzene	107		102		70-130	5		30
sec-Butylbenzene	102		97		70-130	5		30
tert-Butylbenzene	101		96		70-130	5		30
1,3,5-Trichlorobenzene	118		113		70-139	4		30
o-Chlorotoluene	79		77		70-130	3		30
p-Chlorotoluene	96		93		70-130	3		30
1,2-Dibromo-3-chloropropane	86		86		68-130	0		30
Hexachlorobutadiene	109		104		67-130	5		30
Isopropylbenzene	99		95		70-130	4		30
p-Isopropyltoluene	106		102		70-130	4		30
Naphthalene	98		98		70-130	0		30
n-Propylbenzene	99		96		70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1529480-3 WG1529480-4								
1,2,3-Trichlorobenzene	109		108		70-130	1		30
1,2,4-Trichlorobenzene	115		113		70-130	2		30
1,3,5-Trimethylbenzene	99		95		70-130	4		30
1,2,4-Trimethylbenzene	100		97		70-130	3		30
trans-1,4-Dichloro-2-butene	94		93		70-130	1		30
Ethyl ether	92		89		67-130	3		30
Methyl Acetate	82		82		65-130	0		30
Ethyl Acetate	86		84		70-130	2		30
Isopropyl Ether	88		86		66-130	2		30
Cyclohexane	91		86		70-130	6		30
Tert-Butyl Alcohol	85		84		70-130	1		30
Ethyl-Tert-Butyl-Ether	92		89		70-130	3		30
Tertiary-Amyl Methyl Ether	93		91		70-130	2		30
1,4-Dioxane	99		96		65-136	3		30
Methyl cyclohexane	98		92		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	100		93		70-130	7		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	90		92		70-130
Dibromofluoromethane	103		102		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1529880-3 WG1529880-4								
Methylene chloride	84		86		70-130	2		20
1,1-Dichloroethane	83		86		70-130	4		20
Chloroform	80		83		70-130	4		20
Carbon tetrachloride	80		88		63-132	10		20
1,2-Dichloropropane	80		84		70-130	5		20
Dibromochloromethane	81		84		63-130	4		20
1,1,2-Trichloroethane	85		88		70-130	3		20
Tetrachloroethene	81		86		70-130	6		20
Chlorobenzene	83		87		75-130	5		25
Trichlorofluoromethane	84		89		62-150	6		20
1,2-Dichloroethane	82		85		70-130	4		20
1,1,1-Trichloroethane	82		87		67-130	6		20
Bromodichloromethane	80		86		67-130	7		20
trans-1,3-Dichloropropene	83		84		70-130	1		20
cis-1,3-Dichloropropene	81		84		70-130	4		20
1,1-Dichloropropene	80		85		70-130	6		20
Bromoform	81		83		54-136	2		20
1,1,1,2-Tetrachloroethane	85		89		67-130	5		20
Benzene	82		85		70-130	4		25
Toluene	82		86		70-130	5		25
Ethylbenzene	84		88		70-130	5		20
Chloromethane	79		84		64-130	6		20
Bromomethane	87		84		39-139	4		20



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1529880-3 WG1529880-4								
Vinyl chloride	84		89		55-140	6		20
Chloroethane	82		84		55-138	2		20
1,1-Dichloroethene	81		88		61-145	8		25
trans-1,2-Dichloroethene	81		85		70-130	5		20
Trichloroethene	72		79		70-130	9		25
1,2-Dichlorobenzene	84		87		70-130	4		20
1,3-Dichlorobenzene	84		86		70-130	2		20
1,4-Dichlorobenzene	83		87		70-130	5		20
Methyl tert butyl ether	81		85		63-130	5		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	85		90		70-130	6		20
cis-1,2-Dichloroethene	81		85		70-130	5		20
Dibromomethane	83		85		70-130	2		20
1,4-Dichlorobutane	85		89		70-130	5		20
1,2,3-Trichloropropane	84		86		64-130	2		20
Styrene	85		90		70-130	6		20
Dichlorodifluoromethane	83		89		36-147	7		20
Acetone	120		83		58-148	36	Q	20
Carbon disulfide	84		87		51-130	4		20
2-Butanone	85		81		63-138	5		20
Vinyl acetate	85		90		70-130	6		20
4-Methyl-2-pentanone	83		86		59-130	4		20
2-Hexanone	84		87		57-130	4		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual	Limits	Qual			
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1529880-3 WG1529880-4									
Ethyl methacrylate	82		88		70-130		7		20
Acrylonitrile	84		92		70-130		9		20
Bromochloromethane	86		88		70-130		2		20
Tetrahydrofuran	100		100		58-130		0		20
2,2-Dichloropropane	85		89		63-133		5		20
1,2-Dibromoethane	84		88		70-130		5		20
1,3-Dichloropropane	82		85		70-130		4		20
1,1,1,2-Tetrachloroethane	80		83		64-130		4		20
Bromobenzene	82		85		70-130		4		20
n-Butylbenzene	88		91		53-136		3		20
sec-Butylbenzene	86		90		70-130		5		20
tert-Butylbenzene	83		87		70-130		5		20
o-Chlorotoluene	82		86		70-130		5		20
p-Chlorotoluene	85		88		70-130		3		20
1,2-Dibromo-3-chloropropane	84		85		41-144		1		20
Hexachlorobutadiene	84		85		63-130		1		20
Isopropylbenzene	83		88		70-130		6		20
p-Isopropyltoluene	87		90		70-130		3		20
Naphthalene	88		87		70-130		1		20
n-Propylbenzene	85		89		69-130		5		20
1,2,3-Trichlorobenzene	88		86		70-130		2		20
1,2,4-Trichlorobenzene	88		86		70-130		2		20
1,3,5-Trimethylbenzene	84		88		64-130		5		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1529880-3 WG1529880-4								
1,2,4-Trimethylbenzene	85		89		70-130	5		20
trans-1,4-Dichloro-2-butene	87		91		70-130	4		20
Ethyl ether	82		89		59-134	8		20
Methyl cyclohexane	80		86		70-130	7		20
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	95		97		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1529888-3 WG1529888-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	97		95		70-130	2		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		93		70-130	3		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		88		70-130	4		20
1,1,1-Trichloroethane	98		96		67-130	2		20
Bromodichloromethane	99		96		67-130	3		20
trans-1,3-Dichloropropene	97		92		70-130	5		20
cis-1,3-Dichloropropene	100		95		70-130	5		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		25
Toluene	110		100		70-130	10		25
Ethylbenzene	110		100		70-130	10		20
Chloromethane	100		98		64-130	2		20
Bromomethane	130		130		39-139	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1529888-3 WG1529888-4								
Vinyl chloride	92		86		55-140	7		20
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	100		99		61-145	1		25
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	95		88		70-130	8		25
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		98		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		99		70-130	1		20
1,4-Dichlorobutane	88		90		70-130	2		20
1,2,3-Trichloropropane	97		99		64-130	2		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	86		73		58-148	16		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	85		76		63-138	11		20
Vinyl acetate	<b>160</b>	Q	<b>160</b>	Q	70-130	0		20
4-Methyl-2-pentanone	68		67		59-130	1		20
2-Hexanone	84		78		57-130	7		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1529888-3 WG1529888-4								
Ethyl methacrylate	93		88		70-130	6		20
Acrylonitrile	80		77		70-130	4		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	89		92		58-130	3		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,3-Dichloropropane	98		100		70-130	2		20
1,1,1,2-Tetrachloroethane	99		95		64-130	4		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	78		75		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	70		70		70-130	0		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	87		84		70-130	4		20
1,2,4-Trichlorobenzene	92		92		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG1529888-3 WG1529888-4								
1,2,4-Trimethylbenzene	100		99		70-130	1		20
trans-1,4-Dichloro-2-butene	63	Q	64	Q	70-130	2		20
Ethyl ether	120		110		59-134	9		20
Methyl cyclohexane	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	86		86		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	94		99		70-130
Dibromofluoromethane	105		105		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1530354-3 WG1530354-4								
Methylene chloride	93		91		70-130	2		30
1,1-Dichloroethane	98		96		70-130	2		30
Chloroform	102		99		70-130	3		30
Carbon tetrachloride	109		105		70-130	4		30
1,2-Dichloropropane	99		97		70-130	2		30
Dibromochloromethane	107		106		70-130	1		30
1,1,2-Trichloroethane	99		99		70-130	0		30
2-Chloroethylvinyl ether	96		98		70-130	2		30
Tetrachloroethene	112		108		70-130	4		30
Chlorobenzene	105		104		70-130	1		30
Trichlorofluoromethane	124		113		70-139	9		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	107		103		70-130	4		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	100		100		70-130	0		30
cis-1,3-Dichloropropene	107		105		70-130	2		30
1,1-Dichloropropene	105		102		70-130	3		30
Bromoform	103		101		70-130	2		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	100		98		70-130	2		30
Toluene	98		96		70-130	2		30
Ethylbenzene	102		100		70-130	2		30
Chloromethane	74		71		52-130	4		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1530354-3 WG1530354-4								
Bromomethane	117		104		57-147	12		30
Vinyl chloride	96		92		67-130	4		30
Chloroethane	114		106		50-151	7		30
1,1-Dichloroethene	100		96		65-135	4		30
trans-1,2-Dichloroethene	102		99		70-130	3		30
Trichloroethene	107		104		70-130	3		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	111		109		70-130	2		30
1,4-Dichlorobenzene	107		107		70-130	0		30
Methyl tert butyl ether	95		93		66-130	2		30
p/m-Xylene	108		105		70-130	3		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		101		70-130	3		30
Dibromomethane	108		106		70-130	2		30
1,4-Dichlorobutane	89		89		70-130	0		30
1,2,3-Trichloropropane	94		91		68-130	3		30
Styrene	110		108		70-130	2		30
Dichlorodifluoromethane	73		69		30-146	6		30
Acetone	93		92		54-140	1		30
Carbon disulfide	87		83		59-130	5		30
2-Butanone	68	Q	74		70-130	8		30
Vinyl acetate	93		93		70-130	0		30
4-Methyl-2-pentanone	85		87		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1530354-3 WG1530354-4								
2-Hexanone	85		85		70-130	0		30
Ethyl methacrylate	88		90		70-130	2		30
Acrolein	86		84		70-130	2		30
Acrylonitrile	85		85		70-130	0		30
Bromochloromethane	110		107		70-130	3		30
Tetrahydrofuran	89		87		66-130	2		30
2,2-Dichloropropane	105		101		70-130	4		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	97		97		69-130	0		30
1,1,1,2-Tetrachloroethane	107		105		70-130	2		30
Bromobenzene	105		104		70-130	1		30
n-Butylbenzene	109		107		70-130	2		30
sec-Butylbenzene	105		102		70-130	3		30
tert-Butylbenzene	105		102		70-130	3		30
1,3,5-Trichlorobenzene	119		119		70-139	0		30
o-Chlorotoluene	82		81		70-130	1		30
p-Chlorotoluene	99		98		70-130	1		30
1,2-Dibromo-3-chloropropane	88		89		68-130	1		30
Hexachlorobutadiene	111		110		67-130	1		30
Isopropylbenzene	102		100		70-130	2		30
p-Isopropyltoluene	109		107		70-130	2		30
Naphthalene	100		102		70-130	2		30
n-Propylbenzene	103		101		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1530354-3 WG1530354-4								
1,2,3-Trichlorobenzene	110		113		70-130	3		30
1,2,4-Trichlorobenzene	116		118		70-130	2		30
1,3,5-Trimethylbenzene	102		101		70-130	1		30
1,2,4-Trimethylbenzene	103		101		70-130	2		30
trans-1,4-Dichloro-2-butene	98		98		70-130	0		30
Ethyl ether	96		94		67-130	2		30
Methyl Acetate	84		84		65-130	0		30
Ethyl Acetate	88		89		70-130	1		30
Isopropyl Ether	91		90		66-130	1		30
Cyclohexane	93		90		70-130	3		30
Tert-Butyl Alcohol	90		91		70-130	1		30
Ethyl-Tert-Butyl-Ether	94		94		70-130	0		30
Tertiary-Amyl Methyl Ether	96		95		70-130	1		30
1,4-Dioxane	96		98		65-136	2		30
Methyl cyclohexane	101		98		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		99		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	89		91		70-130
Dibromofluoromethane	102		102		70-130

# **PETROLEUM HYDROCARBONS**

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

**SAMPLE RESULTS**

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 11:26  
 Analyst: MKS  
 Percent Solids: 81%

Trap: EST, Carbo-pack B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

**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:	1.4:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	ND		mg/kg	9.49	--	1
C9-C12 Aliphatics	ND		mg/kg	9.49	--	1
C9-C10 Aromatics	ND		mg/kg	9.49	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	9.49	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	9.49	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	134	Q	70-130
2,5-Dibromotoluene-FID	140	Q	70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

**SAMPLE RESULTS**

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/28/21 21:46  
 Analyst: SC  
 Percent Solids: 81%

M.S. Analytical Date: 08/02/21 11:01  
 M.S. Analyst: JJW

Extraction Method: EPA 3546  
 Extraction Date: 07/27/21 09:15  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/28/21

**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
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	ND		mg/kg	8.05	--	1
C19-C36 Aliphatics	11.3		mg/kg	8.05	--	1
C11-C22 Aromatics	106		mg/kg	8.05	--	1
C11-C22 Aromatics, Adjusted	63.0		mg/kg	8.05	--	1
Naphthalene	0.229		mg/kg	0.129	--	4
2-Methylnaphthalene	0.164		mg/kg	0.129	--	4
Acenaphthylene	0.755		mg/kg	0.129	--	4
Acenaphthene	0.134		mg/kg	0.129	--	4
Fluorene	0.460		mg/kg	0.129	--	4
Phenanthrene	4.17		mg/kg	0.129	--	4
Anthracene	0.691		mg/kg	0.129	--	4
Fluoranthene	6.28		mg/kg	0.129	--	4
Pyrene	7.38		mg/kg	0.129	--	4
Benzo(a)anthracene	4.40		mg/kg	0.129	--	4
Chrysene	4.02		mg/kg	0.129	--	4
Benzo(b)fluoranthene	4.48		mg/kg	0.129	--	4
Benzo(k)fluoranthene	1.06		mg/kg	0.129	--	4
Benzo(a)pyrene	3.81		mg/kg	0.129	--	4
Indeno(1,2,3-cd)Pyrene	2.24		mg/kg	0.129	--	4
Dibenzo(a,h)anthracene	0.405		mg/kg	0.129	--	4
Benzo(ghi)perylene	2.06		mg/kg	0.129	--	4

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-01  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:20  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	51		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	79		40-140
2-Bromonaphthalene	79		40-140
O-Terphenyl-MS	98		40-140

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-02  
 Client ID: B-03 (2)  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/28/21 19:20  
 Analyst: SC  
 Percent Solids: 86%

M.S. Analytical Date: 07/29/21 20:58  
 M.S. Analyst: RP

Extraction Method: EPA 3546  
 Extraction Date: 07/27/21 09:15  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/28/21

**Quality Control Information**

Condition of sample received:  
 Sample Temperature upon receipt:  
 Sample Extraction method:

Satisfactory  
 Received on Ice  
 Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	22.5		mg/kg	7.72	--	1
C19-C36 Aliphatics	ND		mg/kg	7.72	--	1
C11-C22 Aromatics	11.7		mg/kg	7.72	--	1
C11-C22 Aromatics, Adjusted	11.1		mg/kg	7.72	--	1
Naphthalene	0.116		mg/kg	0.031	--	1
2-Methylnaphthalene	0.460		mg/kg	0.031	--	1
Acenaphthylene	ND		mg/kg	0.031	--	1
Acenaphthene	ND		mg/kg	0.031	--	1
Fluorene	ND		mg/kg	0.031	--	1
Phenanthrene	ND		mg/kg	0.031	--	1
Anthracene	ND		mg/kg	0.031	--	1
Fluoranthene	ND		mg/kg	0.031	--	1
Pyrene	0.032		mg/kg	0.031	--	1
Benzo(a)anthracene	ND		mg/kg	0.031	--	1
Chrysene	ND		mg/kg	0.031	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.031	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.031	--	1
Benzo(a)pyrene	ND		mg/kg	0.031	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.031	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.031	--	1
Benzo(ghi)perylene	ND		mg/kg	0.031	--	1



**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-02  
 Client ID: B-03 (2)  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	59		40-140
o-Terphenyl	70		40-140
2-Fluorobiphenyl	90		40-140
2-Bromonaphthalene	89		40-140
O-Terphenyl-MS	66		40-140

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-02 D  
 Client ID: B-03 (2')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:35  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 11:56  
 Analyst: MKS  
 Percent Solids: 86%

Trap: EST, Carboxen B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

## 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
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	561		mg/kg	117	--	20
C9-C12 Aliphatics	694		mg/kg	117	--	20
C9-C10 Aromatics	238		mg/kg	117	--	20
C5-C8 Aliphatics, Adjusted	561		mg/kg	117	--	20
C9-C12 Aliphatics, Adjusted	451		mg/kg	117	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	291	Q	70-130
2,5-Dibromotoluene-FID	321	Q	70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

**SAMPLE RESULTS**

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 13:25  
 Analyst: MKS  
 Percent Solids: 80%

Trap: EST, Carbo-pack B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

**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
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	ND		mg/kg	7.41	--	1
C9-C12 Aliphatics	ND		mg/kg	7.41	--	1
C9-C10 Aromatics	ND		mg/kg	7.41	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.41	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.41	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	134	Q	70-130
2,5-Dibromotoluene-FID	137	Q	70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/28/21 19:44  
 Analyst: SC  
 Percent Solids: 80%

M.S. Analytical Date: 07/29/21 21:14  
 M.S. Analyst: RP

Extraction Method: EPA 3546  
 Extraction Date: 07/27/21 09:15  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/28/21

## Quality Control Information

Condition of sample received:  
 Sample Temperature upon receipt:  
 Sample Extraction method:

Satisfactory  
 Received on Ice  
 Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	ND		mg/kg	7.99	--	1
C19-C36 Aliphatics	ND		mg/kg	7.99	--	1
C11-C22 Aromatics	ND		mg/kg	7.99	--	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.99	--	1
Naphthalene	0.062		mg/kg	0.032	--	1
2-Methylnaphthalene	ND		mg/kg	0.032	--	1
Acenaphthylene	ND		mg/kg	0.032	--	1
Acenaphthene	ND		mg/kg	0.032	--	1
Fluorene	ND		mg/kg	0.032	--	1
Phenanthrene	ND		mg/kg	0.032	--	1
Anthracene	ND		mg/kg	0.032	--	1
Fluoranthene	ND		mg/kg	0.032	--	1
Pyrene	ND		mg/kg	0.032	--	1
Benzo(a)anthracene	ND		mg/kg	0.032	--	1
Chrysene	ND		mg/kg	0.032	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.032	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.032	--	1
Benzo(a)pyrene	ND		mg/kg	0.032	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.032	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.032	--	1
Benzo(ghi)perylene	ND		mg/kg	0.032	--	1

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-03  
 Client ID: B-05 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	53		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	87		40-140
2-Bromonaphthalene	88		40-140
O-Terphenyl-MS	60		40-140

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

**SAMPLE RESULTS**

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 13:54  
 Analyst: MKS  
 Percent Solids: 79%

Trap: EST, Carboxen B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

**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
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	ND		mg/kg	7.11	--	1
C9-C12 Aliphatics	ND		mg/kg	7.11	--	1
C9-C10 Aromatics	ND		mg/kg	7.11	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.11	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.11	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	133	Q	70-130
2,5-Dibromotoluene-FID	138	Q	70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/28/21 20:09  
 Analyst: SC  
 Percent Solids: 79%

M.S. Analytical Date: 07/29/21 21:31  
 M.S. Analyst: RP

Extraction Method: EPA 3546  
 Extraction Date: 07/27/21 09:15  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/28/21

## Quality Control Information

Condition of sample received:  
 Sample Temperature upon receipt:  
 Sample Extraction method:

Satisfactory  
 Received on Ice  
 Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	ND		mg/kg	8.14	--	1
C19-C36 Aliphatics	ND		mg/kg	8.14	--	1
C11-C22 Aromatics	ND		mg/kg	8.14	--	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	8.14	--	1
Naphthalene	0.060		mg/kg	0.033	--	1
2-Methylnaphthalene	0.034		mg/kg	0.033	--	1
Acenaphthylene	ND		mg/kg	0.033	--	1
Acenaphthene	ND		mg/kg	0.033	--	1
Fluorene	ND		mg/kg	0.033	--	1
Phenanthrene	ND		mg/kg	0.033	--	1
Anthracene	ND		mg/kg	0.033	--	1
Fluoranthene	ND		mg/kg	0.033	--	1
Pyrene	ND		mg/kg	0.033	--	1
Benzo(a)anthracene	ND		mg/kg	0.033	--	1
Chrysene	ND		mg/kg	0.033	--	1
Benzo(b)fluoranthene	ND		mg/kg	0.033	--	1
Benzo(k)fluoranthene	ND		mg/kg	0.033	--	1
Benzo(a)pyrene	ND		mg/kg	0.033	--	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.033	--	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.033	--	1
Benzo(ghi)perylene	ND		mg/kg	0.033	--	1

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-04  
 Client ID: B-11 (3-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 09:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	65		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	80		40-140
O-Terphenyl-MS	61		40-140



Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

**SAMPLE RESULTS**

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 14:24  
 Analyst: MKS  
 Percent Solids: 83%

Trap: EST, Carbo-pack B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

**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:	1.3:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	ND		mg/kg	8.65	--	1
C9-C12 Aliphatics	ND		mg/kg	8.65	--	1
C9-C10 Aromatics	ND		mg/kg	8.65	--	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	8.65	--	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	8.65	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	130		70-130
2,5-Dibromotoluene-FID	135	Q	70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/28/21 22:35  
 Analyst: SC  
 Percent Solids: 83%

M.S. Analytical Date: 08/01/21 17:26  
 M.S. Analyst: JJW

Extraction Method: EPA 3546  
 Extraction Date: 07/27/21 09:15  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/28/21

## Quality Control Information

Condition of sample received:  
 Sample Temperature upon receipt:  
 Sample Extraction method:

Satisfactory  
 Received on Ice  
 Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	ND		mg/kg	7.97	--	1
C19-C36 Aliphatics	8.69		mg/kg	7.97	--	1
C11-C22 Aromatics	50.0		mg/kg	7.97	--	1
C11-C22 Aromatics, Adjusted	38.3		mg/kg	7.97	--	1
Naphthalene	0.107		mg/kg	0.032	--	1
2-Methylnaphthalene	0.077		mg/kg	0.032	--	1
Acenaphthylene	0.228		mg/kg	0.032	--	1
Acenaphthene	0.033		mg/kg	0.032	--	1
Fluorene	0.095		mg/kg	0.032	--	1
Phenanthrene	0.739		mg/kg	0.032	--	1
Anthracene	0.157		mg/kg	0.032	--	1
Fluoranthene	1.56		mg/kg	0.032	--	1
Pyrene	2.05		mg/kg	0.032	--	1
Benzo(a)anthracene	1.33		mg/kg	0.032	--	1
Chrysene	1.20		mg/kg	0.032	--	1
Benzo(b)fluoranthene	1.27		mg/kg	0.032	--	1
Benzo(k)fluoranthene	0.286		mg/kg	0.032	--	1
Benzo(a)pyrene	1.19		mg/kg	0.032	--	1
Indeno(1,2,3-cd)Pyrene	0.640		mg/kg	0.032	--	1
Dibenzo(a,h)anthracene	0.127		mg/kg	0.032	--	1
Benzo(ghi)perylene	0.576		mg/kg	0.032	--	1

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-05  
 Client ID: B-09 (4-5')  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:45  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	65		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	84		40-140
2-Bromonaphthalene	85		40-140
O-Terphenyl-MS	87		40-140

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-06  
 Client ID: MW-04  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/30/21 19:28  
 Analyst: SC

M.S. Analytical Date: 08/01/21 17:42  
 M.S. Analyst: JJW

Extraction Method: EPA 3510C  
 Extraction Date: 07/29/21 12:11  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/30/21

## 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
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	443		ug/l	100	--	1
C19-C36 Aliphatics	234		ug/l	100	--	1
C11-C22 Aromatics	692		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	445		ug/l	100	--	1
Naphthalene	159		ug/l	2.00	--	5
2-Methylnaphthalene	75.4		ug/l	2.00	--	5
Acenaphthylene	ND		ug/l	2.00	--	5
Acenaphthene	ND		ug/l	2.00	--	5
Fluorene	ND		ug/l	2.00	--	5
Phenanthrene	ND		ug/l	2.00	--	5
Anthracene	ND		ug/l	2.00	--	5
Fluoranthene	ND		ug/l	2.00	--	5
Pyrene	ND		ug/l	2.00	--	5
Benzo(a)anthracene	ND		ug/l	2.00	--	5
Chrysene	ND		ug/l	2.00	--	5
Benzo(b)fluoranthene	ND		ug/l	2.00	--	5
Benzo(k)fluoranthene	ND		ug/l	2.00	--	5
Benzo(a)pyrene	ND		ug/l	1.00	--	5
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.00	--	5
Dibenzo(a,h)anthracene	ND		ug/l	2.00	--	5
Benzo(ghi)perylene	ND		ug/l	2.00	--	5

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-06  
 Client ID: MW-04  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	48		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	89		40-140
O-Terphenyl-MS	78		40-140

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-06 D

Date Collected: 07/23/21 10:10

Client ID: MW-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 131, VPH-18-2.1

Analytical Date: 07/28/21 14:54

Analyst: MKS

Trap: EST, Carbo-pack B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2,  
105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved

Sample Temperature upon receipt:

Container  
Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
C5-C8 Aliphatics	1940		ug/l	125	--	2.5
C9-C12 Aliphatics	2300		ug/l	125	--	2.5
C9-C10 Aromatics	1550		ug/l	125	--	2.5
C5-C8 Aliphatics, Adjusted	1930		ug/l	125	--	2.5
C9-C12 Aliphatics, Adjusted	608		ug/l	125	--	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	105		70-130
2,5-Dibromotoluene-FID	106		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-07  
 Client ID: MW-11  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/30/21 19:52  
 Analyst: SC

M.S. Analytical Date: 08/02/21 11:18  
 M.S. Analyst: JJW

Extraction Method: EPA 3510C  
 Extraction Date: 07/29/21 12:11  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/30/21

## 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
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
C9-C18 Aliphatics	474		ug/l	100	--	1
C19-C36 Aliphatics	252		ug/l	100	--	1
C11-C22 Aromatics	919		ug/l	100	--	1
C11-C22 Aromatics, Adjusted	582		ug/l	100	--	1
Naphthalene	218		ug/l	4.00	--	10
2-Methylnaphthalene	102		ug/l	4.00	--	10
Acenaphthylene	ND		ug/l	4.00	--	10
Acenaphthene	ND		ug/l	4.00	--	10
Fluorene	ND		ug/l	4.00	--	10
Phenanthrene	ND		ug/l	4.00	--	10
Anthracene	ND		ug/l	4.00	--	10
Fluoranthene	ND		ug/l	4.00	--	10
Pyrene	ND		ug/l	4.00	--	10
Benzo(a)anthracene	ND		ug/l	4.00	--	10
Chrysene	ND		ug/l	4.00	--	10
Benzo(b)fluoranthene	ND		ug/l	4.00	--	10
Benzo(k)fluoranthene	ND		ug/l	4.00	--	10
Benzo(a)pyrene	ND		ug/l	2.00	--	10
Indeno(1,2,3-cd)Pyrene	ND		ug/l	4.00	--	10
Dibenzo(a,h)anthracene	ND		ug/l	4.00	--	10
Benzo(ghi)perylene	ND		ug/l	4.00	--	10

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-07  
 Client ID: MW-11  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:10  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	44		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	95		40-140
O-Terphenyl-MS	106		40-140



Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-07 D

Date Collected: 07/23/21 10:10

Client ID: MW-11

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 131, VPH-18-2.1

Analytical Date: 07/28/21 15:24

Analyst: MKS

Trap: EST, Carboxen B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2,  
105m, 0.53ID, 3um

## Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved

Sample Temperature upon receipt:

Container  
Received on Ice

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

C5-C8 Aliphatics	1800		ug/l	100	--	2
C9-C12 Aliphatics	2210		ug/l	100	--	2
C9-C10 Aromatics	1480		ug/l	100	--	2
C5-C8 Aliphatics, Adjusted	1790		ug/l	100	--	2
C9-C12 Aliphatics, Adjusted	587		ug/l	100	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	102		70-130
2,5-Dibromotoluene-FID	105		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 131, VPH-18-2.1  
 Analytical Date: 07/28/21 15:54  
 Analyst: MKS

Trap: EST, Carboxen B/Carboxen 1000&amp;1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

## 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
<b>Volatile Petroleum Hydrocarbons - Westborough Lab</b>						
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	89		70-130
2,5-Dibromotoluene-FID	91		70-130

Project Name: DAVIS MOTEL

Lab Number: L2139975

Project Number: BE-365

Report Date: 08/02/21

## SAMPLE RESULTS

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 98,EPH-04-1.1  
 Analytical Date: 07/30/21 20:17  
 Analyst: SC

M.S. Analytical Date: 07/31/21 14:57  
 M.S. Analyst: RP

Extraction Method: EPA 3510C  
 Extraction Date: 07/29/21 12:11  
 Cleanup Method1: EPH-04-1  
 Cleanup Date1: 07/30/21

## 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
<b>EPH w/Targets via GCMS-SIM - Westborough Lab</b>						
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	0.402		ug/l	0.400	--	1
2-Methylnaphthalene	ND		ug/l	0.400	--	1
Acenaphthylene	ND		ug/l	0.400	--	1
Acenaphthene	0.406		ug/l	0.400	--	1
Fluorene	0.654		ug/l	0.400	--	1
Phenanthrene	0.618		ug/l	0.400	--	1
Anthracene	ND		ug/l	0.400	--	1
Fluoranthene	1.60		ug/l	0.400	--	1
Pyrene	1.73		ug/l	0.400	--	1
Benzo(a)anthracene	0.656		ug/l	0.400	--	1
Chrysene	0.728		ug/l	0.400	--	1
Benzo(b)fluoranthene	1.02		ug/l	0.400	--	1
Benzo(k)fluoranthene	ND		ug/l	0.400	--	1
Benzo(a)pyrene	0.740		ug/l	0.200	--	1
Indeno(1,2,3-cd)Pyrene	0.594		ug/l	0.400	--	1
Dibenzo(a,h)anthracene	ND		ug/l	0.400	--	1
Benzo(ghi)perylene	0.550		ug/l	0.400	--	1

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2139975-08  
 Client ID: MW-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:25  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**EPH w/Targets via GCMS-SIM - Westborough Lab**

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	58		40-140
o-Terphenyl	74		40-140
2-Fluorobiphenyl	86		40-140
2-Bromonaphthalene	86		40-140
O-Terphenyl-MS	63		40-140

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 98,EPH-04-1.1  
Analytical Date: 07/27/21 23:27  
Analyst: MEO

M.S. Analytical Date: 07/27/21 21:15  
M.S. Analyst: WR

Extraction Method: EPA 3546  
Extraction Date: 07/26/21 11:59  
Cleanup Method: EPH-04-1  
Cleanup Date: 07/27/21

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/Targets via GCMS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1527924-1					
C9-C18 Aliphatics	ND		mg/kg	6.52	--
C19-C36 Aliphatics	ND		mg/kg	6.52	--
C11-C22 Aromatics	ND		mg/kg	6.52	--
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.52	--
Naphthalene	ND		mg/kg	0.026	--
2-Methylnaphthalene	ND		mg/kg	0.026	--
Acenaphthylene	ND		mg/kg	0.026	--
Acenaphthene	ND		mg/kg	0.026	--
Fluorene	ND		mg/kg	0.026	--
Phenanthrene	ND		mg/kg	0.026	--
Anthracene	ND		mg/kg	0.026	--
Fluoranthene	ND		mg/kg	0.026	--
Pyrene	ND		mg/kg	0.026	--
Benzo(a)anthracene	ND		mg/kg	0.026	--
Chrysene	ND		mg/kg	0.026	--
Benzo(b)fluoranthene	ND		mg/kg	0.026	--
Benzo(k)fluoranthene	ND		mg/kg	0.026	--
Benzo(a)pyrene	ND		mg/kg	0.026	--
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.026	--
Dibenzo(a,h)anthracene	ND		mg/kg	0.026	--
Benzo(ghi)perylene	ND		mg/kg	0.026	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 98,EPH-04-1.1  
Analytical Date: 07/27/21 23:27  
Analyst: MEO

M.S. Analytical Date: 07/27/21 21:15  
M.S. Analyst: WR

Extraction Method: EPA 3546  
Extraction Date: 07/26/21 11:59  
Cleanup Method: EPH-04-1  
Cleanup Date: 07/27/21

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/Targets via GCMS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1527924-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	82		40-140
O-Terphenyl-MS	70		40-140

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 131, VPH-18-2.1  
Analytical Date: 07/28/21 10:56  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-05 Batch: WG1529307-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	--
C9-C12 Aliphatics	ND		mg/kg	5.00	--
C9-C10 Aromatics	ND		mg/kg	5.00	--
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	--
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	113		70-130
2,5-Dibromotoluene-FID	115		70-130

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 131, VPH-18-2.1  
Analytical Date: 07/28/21 09:27  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 06-08 Batch: WG1529312-4					
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	88		70-130
2,5-Dibromotoluene-FID	91		70-130



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 98,EPH-04-1.1  
Analytical Date: 07/30/21 19:03  
Analyst: SC

M.S. Analytical Date: 07/31/21 13:19  
M.S. Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 07/29/21 12:11  
Cleanup Method: EPH-04-1  
Cleanup Date: 07/30/21

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/Targets via GCMS-SIM - Westborough Lab for sample(s): 06-08 Batch: WG1529434-1					
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	0.400	--
2-Methylnaphthalene	ND		ug/l	0.400	--
Acenaphthylene	ND		ug/l	0.400	--
Acenaphthene	ND		ug/l	0.400	--
Fluorene	ND		ug/l	0.400	--
Phenanthrene	ND		ug/l	0.400	--
Anthracene	ND		ug/l	0.400	--
Fluoranthene	ND		ug/l	0.400	--
Pyrene	ND		ug/l	0.400	--
Benzo(a)anthracene	ND		ug/l	0.400	--
Chrysene	ND		ug/l	0.400	--
Benzo(b)fluoranthene	ND		ug/l	0.400	--
Benzo(k)fluoranthene	ND		ug/l	0.400	--
Benzo(a)pyrene	ND		ug/l	0.200	--
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.400	--
Dibenzo(a,h)anthracene	ND		ug/l	0.400	--
Benzo(ghi)perylene	ND		ug/l	0.400	--

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 98,EPH-04-1.1  
Analytical Date: 07/30/21 19:03  
Analyst: SC

M.S. Analytical Date: 07/31/21 13:19  
M.S. Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 07/29/21 12:11  
Cleanup Method: EPH-04-1  
Cleanup Date: 07/30/21

Parameter	Result	Qualifier	Units	RL	MDL
EPH w/Targets via GCMS-SIM - Westborough Lab for sample(s): 06-08 Batch: WG1529434-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	70		40-140
o-Terphenyl	81		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	93		40-140
O-Terphenyl-MS	71		40-140

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
EPH w/Targets via GCMS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1527924-2 WG1527924-3								
C9-C18 Aliphatics	62		60		40-140	3		25
C19-C36 Aliphatics	80		77		40-140	4		25
C11-C22 Aromatics	74		63		40-140	16		25
Naphthalene	79		72		40-140	9		25
2-Methylnaphthalene	86		78		40-140	10		25
Acenaphthylene	85		78		40-140	9		25
Acenaphthene	88		81		40-140	8		25
Fluorene	87		80		40-140	8		25
Phenanthrene	88		80		40-140	10		25
Anthracene	97		89		40-140	9		25
Fluoranthene	100		91		40-140	9		25
Pyrene	102		92		40-140	10		25
Benzo(a)anthracene	110		98		40-140	12		25
Chrysene	86		81		40-140	6		25
Benzo(b)fluoranthene	105		86		40-140	20		25
Benzo(k)fluoranthene	80		74		40-140	8		25
Benzo(a)pyrene	98		85		40-140	14		25
Indeno(1,2,3-cd)Pyrene	98		83		40-140	17		25
Dibenzo(a,h)anthracene	94		81		40-140	15		25
Benzo(ghi)perylene	82		68		40-140	19		25
Nonane (C9)	60		59		30-140	2		25
Decane (C10)	65		64		40-140	2		25
Dodecane (C12)	69		67		40-140	3		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
EPH w/Targets via GCMS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1527924-2 WG1527924-3								
Tetradecane (C14)	70		68		40-140	3		25
Hexadecane (C16)	72		69		40-140	4		25
Octadecane (C18)	73		71		40-140	3		25
Nonadecane (C19)	74		71		40-140	4		25
Eicosane (C20)	75		72		40-140	4		25
Docosane (C22)	76		74		40-140	3		25
Tetracosane (C24)	75		72		40-140	4		25
Hexacosane (C26)	74		71		40-140	4		25
Octacosane (C28)	75		72		40-140	4		25
triacontane (C30)	76		72		40-140	5		25
Hexatriacontane (C36)	71		66		40-140	7		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Chloro-Octadecane	75		72		40-140
o-Terphenyl	72		63		40-140
2-Fluorobiphenyl	89		79		40-140
2-Bromonaphthalene	82		73		40-140
O-Terphenyl-MS	78		71		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-05 Batch: WG1529307-2 WG1529307-3								
C5-C8 Aliphatics	107		100		70-130	7		25
C9-C12 Aliphatics	111		104		70-130	7		25
C9-C10 Aromatics	102		95		70-130	7		25
Benzene	102		96		70-130	6		25
Toluene	102		96		70-130	6		25
Ethylbenzene	103		97		70-130	6		25
p/m-Xylene	102		97		70-130	5		25
o-Xylene	102		97		70-130	5		25
Methyl tert butyl ether	106		101		70-130	5		25
Naphthalene	114		111		70-130	3		25
1,2,4-Trimethylbenzene	102		95		70-130	7		25
Pentane	97		88		70-130	10		25
2-Methylpentane	109		102		70-130	7		25
2,2,4-Trimethylpentane	113		107		70-130	5		25
n-Nonane	111		105		30-130	6		25
n-Decane	111		104		70-130	7		25
n-Butylcyclohexane	110		104		70-130	6		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2,5-Dibromotoluene-PID	115		109		70-130
2,5-Dibromotoluene-FID	117		111		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 06-08 Batch: WG1529312-2 WG1529312-3									
C5-C8 Aliphatics	97		106		70-130	9		25	
C9-C12 Aliphatics	100		109		70-130	9		25	
C9-C10 Aromatics	90		98		70-130	9		25	
Benzene	90		99		70-130	10		25	
Toluene	91		99		70-130	9		25	
Ethylbenzene	92		101		70-130	9		25	
p/m-Xylene	93		101		70-130	9		25	
o-Xylene	92		100		70-130	9		25	
Methyl tert butyl ether	93		102		70-130	9		25	
Naphthalene	93		102		70-130	10		25	
1,2,4-Trimethylbenzene	90		98		70-130	9		25	
Pentane	92		101		70-130	10		25	
2-Methylpentane	97		106		70-130	9		25	
2,2,4-Trimethylpentane	101		111		70-130	9		25	
n-Nonane	101		109		30-130	8		25	
n-Decane	101		109		70-130	8		25	
n-Butylcyclohexane	100		108		70-130	8		25	

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2,5-Dibromotoluene-PID	91		99		70-130
2,5-Dibromotoluene-FID	92		102		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
EPH w/Targets via GCMS-SIM - Westborough Lab Associated sample(s): 06-08 Batch: WG1529434-2 WG1529434-3								
C9-C18 Aliphatics	66		64		40-140	3		25
C19-C36 Aliphatics	85		84		40-140	1		25
C11-C22 Aromatics	80		85		40-140	6		25
Naphthalene	70		74		40-140	6		25
2-Methylnaphthalene	74		78		40-140	5		25
Acenaphthylene	75		79		40-140	5		25
Acenaphthene	79		85		40-140	7		25
Fluorene	77		82		40-140	6		25
Phenanthrene	77		86		40-140	11		25
Anthracene	86		97		40-140	12		25
Fluoranthene	86		96		40-140	11		25
Pyrene	88		98		40-140	11		25
Benzo(a)anthracene	91		101		40-140	10		25
Chrysene	76		80		40-140	5		25
Benzo(b)fluoranthene	92		90		40-140	2		25
Benzo(k)fluoranthene	67		83		40-140	21		25
Benzo(a)pyrene	84		92		40-140	9		25
Indeno(1,2,3-cd)Pyrene	90		100		40-140	11		25
Dibenzo(a,h)anthracene	77		84		40-140	9		25
Benzo(ghi)perylene	67		72		40-140	7		25
Nonane (C9)	62		58		30-140	7		25
Decane (C10)	68		65		40-140	5		25
Dodecane (C12)	74		70		40-140	6		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
EPH w/Targets via GCMS-SIM - Westborough Lab Associated sample(s): 06-08 Batch: WG1529434-2 WG1529434-3								
Tetradecane (C14)	76		74		40-140	3		25
Hexadecane (C16)	78		77		40-140	1		25
Octadecane (C18)	80		80		40-140	0		25
Nonadecane (C19)	79		79		40-140	0		25
Eicosane (C20)	80		80		40-140	0		25
Docosane (C22)	81		81		40-140	0		25
Tetracosane (C24)	79		79		40-140	0		25
Hexacosane (C26)	79		78		40-140	1		25
Octacosane (C28)	79		79		40-140	0		25
triacontane (C30)	80		79		40-140	1		25
Hexatriacontane (C36)	82		82		40-140	0		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Chloro-Octadecane	71		70		40-140
o-Terphenyl	77		80		40-140
2-Fluorobiphenyl	87		88		40-140
2-Bromonaphthalene	88		88		40-140
O-Terphenyl-MS	62		68		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		



# **INORGANICS & MISCELLANEOUS**

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

**Lab ID:** L2139975-01  
**Client ID:** HA-06  
**Sample Location:** FALMOUTH, ME

**Date Collected:** 07/23/21 08:20  
**Date Received:** 07/26/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	81.1		%	0.100	NA	1	-	07/27/21 07:32	121,2540G	RI



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

**Lab ID:** L2139975-02  
**Client ID:** B-03 (2')  
**Sample Location:** FALMOUTH, ME

**Date Collected:** 07/23/21 08:35  
**Date Received:** 07/26/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	85.6		%	0.100	NA	1	-	07/27/21 07:32	121,2540G	RI



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

**Lab ID:** L2139975-03  
**Client ID:** B-05 (3-5')  
**Sample Location:** FALMOUTH, ME

**Date Collected:** 07/23/21 09:10  
**Date Received:** 07/26/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	80.0		%	0.100	NA	1	-	07/27/21 07:32	121,2540G	RI



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

**Lab ID:** L2139975-04  
**Client ID:** B-11 (3-5')  
**Sample Location:** FALMOUTH, ME

**Date Collected:** 07/23/21 09:10  
**Date Received:** 07/26/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	79.4		%	0.100	NA	1	-	07/27/21 07:32	121,2540G	RI



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

**Lab ID:** L2139975-05  
**Client ID:** B-09 (4-5')  
**Sample Location:** FALMOUTH, ME

**Date Collected:** 07/23/21 11:45  
**Date Received:** 07/26/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	83.1		%	0.100	NA	1	-	07/27/21 07:32	121,2540G	RI



**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2139975-01A	Vial MeOH preserved	A	NA		3.2	Y	Absent		8260HLW(14)
L2139975-01B	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-01C	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-01D	Vial MeOH preserved	A	NA		3.2	Y	Absent		VPH-18(28)
L2139975-01E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		ME-TS-2540(7)
L2139975-01F	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-02A	Vial MeOH preserved	A	NA		3.2	Y	Absent		8260HLW(14)
L2139975-02B	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-02C	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-02D	Vial MeOH preserved	A	NA		3.2	Y	Absent		VPH-18(28)
L2139975-02E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		ME-TS-2540(7)
L2139975-02F	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-03A	Vial MeOH preserved	A	NA		3.2	Y	Absent		8260HLW(14)
L2139975-03B	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-03C	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-03D	Vial MeOH preserved	A	NA		3.2	Y	Absent		VPH-18(28)
L2139975-03E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		ME-TS-2540(7)
L2139975-03F	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-04A	Vial MeOH preserved	A	NA		3.2	Y	Absent		8260HLW(14)
L2139975-04B	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-04C	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-04D	Vial MeOH preserved	A	NA		3.2	Y	Absent		VPH-18(28)
L2139975-04E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		ME-TS-2540(7)

**Project Name:** DAVIS MOTEL**Lab Number:** L2139975**Project Number:** BE-365**Report Date:** 08/02/21**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2139975-04F	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-05A	Vial MeOH preserved	A	NA		3.2	Y	Absent		8260HLW(14)
L2139975-05B	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-05C	Vial water preserved	A	NA		3.2	Y	Absent	23-JUL-21 15:30	8260HLW(14)
L2139975-05D	Vial MeOH preserved	A	NA		3.2	Y	Absent		VPH-18(28)
L2139975-05E	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		ME-TS-2540(7)
L2139975-05F	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-06A	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-06B	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-06C	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-06D	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-06E	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-06F	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-06G	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-06H	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-07A	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-07B	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-07C	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-07D	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-07E	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-07F	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-07G	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-07H	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-08A	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-08B	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-08C	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-8260(14)
L2139975-08D	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-08E	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)



**Project Name:** DAVIS MOTEL

**Project Number:** BE-365

Serial\_No:08022117:41

**Lab Number:** L2139975

**Report Date:** 08/02/21

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2139975-08F	Vial HCl preserved	A	NA		3.2	Y	Absent		ME-VPH-18(14)
L2139975-08G	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)
L2139975-08H	Amber 1000ml HCl preserved	A	<2	<2	3.2	Y	Absent		EPH-MS-10(14),EPHD-GC-10(14)

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

## GLOSSARY

### Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

#### 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.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



**Project Name:** DAVIS MOTEL  
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**Lab Number:** L2139975  
**Report Date:** 08/02/21

**Data Qualifiers**

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:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2139975  
**Report Date:** 08/02/21

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 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.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.

## 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

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

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

**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.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, 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, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** 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 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.





## ANALYTICAL REPORT

Lab Number:	L2140039
Client:	Beacon Environmental Consultants, LLC 33 Hawthorne Drive P.O. Box 2154 Windham, ME 04062
ATTN:	John Cressey
Phone:	(207) 376-5001
Project Name:	DAVIS MOTEL (ACCENT CLEANERS)
Project Number:	BE-365
Report Date:	08/02/21

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-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Project Number:** BE-365**Lab Number:** L2140039**Report Date:** 08/02/21

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2140039-01	IA-01	AIR	FALMOUTH, ME	07/23/21 13:32	07/26/21
L2140039-02	HA-09	SOIL_VAPOR	FALMOUTH, ME	07/23/21 13:33	07/26/21
L2140039-03	SV-02	SOIL_VAPOR	FALMOUTH, ME	07/23/21 12:34	07/26/21
L2140039-04	HA-07	SOIL_VAPOR	FALMOUTH, ME	07/23/21 12:56	07/26/21
L2140039-05	SV-01	SOIL_VAPOR	FALMOUTH, ME	07/23/21 13:15	07/26/21
L2140039-06	HA-06	SOIL_VAPOR	FALMOUTH, ME	07/23/21 08:54	07/26/21
L2140039-07	SV-09	SOIL_VAPOR	FALMOUTH, ME	07/23/21 10:28	07/26/21
L2140039-08	SSV-01	SOIL_VAPOR	FALMOUTH, ME	07/23/21 11:23	07/26/21
L2140039-09	SSV-02	SOIL_VAPOR	FALMOUTH, ME	07/23/21 11:23	07/26/21
L2140039-10	HA-01	SOIL_VAPOR	FALMOUTH, ME	07/23/21 10:56	07/26/21
L2140039-11	SV-04	SOIL_VAPOR	FALMOUTH, ME	07/23/21 13:40	07/26/21
L2140039-12	SV-03	SOIL_VAPOR	FALMOUTH, ME	07/23/21 10:00	07/26/21

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

**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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

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**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on July 19, 2021. The canister certification results are provided as an addendum.

L2140039-01D and -02D2: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2140039-01, -02D, and -05D: The samples were re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2140039-05D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2140039-11D and -12D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

#### Petroleum Hydrocarbons in Air

L2140039-01 through -12: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

L2140039-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2140039-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**Case Narrative (continued)**

a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-05D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2140039-12D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 08/02/21

**AIR**

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-01  
 Client ID: IA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:32  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 20:02  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	0.601	0.200	--	1.24	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.036	0.020	--	0.080	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	480	5.00	--	904	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	50.0	1.00	--	119	2.38	--		1
Trichlorofluoromethane	0.212	0.050	--	1.19	0.281	--		1
iso-Propyl Alcohol	16.9	0.500	--	41.5	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.064	0.050	--	0.491	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

Lab ID: L2140039-01  
 Client ID: IA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:32  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	0.632	0.500	--	1.86	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.049	0.020	--	0.239	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.362	0.020	--	1.47	0.081	--		1
n-Hexane	0.710	0.200	--	2.50	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.129	0.100	--	0.412	0.319	--		1
Carbon tetrachloride	0.082	0.020	--	0.516	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	0.042	0.020	--	0.194	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	0.163	0.100	--	0.587	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	2.68	0.200	--	11.0	0.820	--		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	48.9	0.050	--	184	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-01  
 Client ID: IA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:32  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.374	0.020	--	1.62	0.087	--		1
p/m-Xylene	1.45	0.040	--	6.30	0.174	--		1
Xylene (Total)	1.94	0.020	--	8.43	0.087	--		1
Bromoform	0.031	0.020	--	0.321	0.207	--		1
Styrene	0.080	0.020	--	0.341	0.085	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.498	0.020	--	2.16	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	0.058	0.020	--	0.285	0.098	--		1
1,2,4-Trimethylbenzene	0.165	0.020	--	0.811	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.034	0.020	--	0.204	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.112	0.050	--	0.587	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	96		60-140





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-01 D

Date Collected: 07/23/21 13:32

Client ID: IA-01

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/31/21 07:21

Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Alcohol	496	10.0	--	935	18.8	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-02 D  
 Client ID: HA-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:33  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 20:40  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	0.747	0.660	--	1.29	1.14	--		1.32
Dichlorodifluoromethane	0.389	0.264	--	1.92	1.31	--		1.32
Chloromethane	0.475	0.264	--	0.981	0.545	--		1.32
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.066	--	ND	0.461	--		1.32
Vinyl chloride	ND	0.026	--	ND	0.068	--		1.32
1,3-Butadiene	ND	0.026	--	ND	0.058	--		1.32
Bromomethane	ND	0.026	--	ND	0.103	--		1.32
Chloroethane	ND	0.132	--	ND	0.348	--		1.32
Ethyl Alcohol	15.6	6.60	--	29.4	12.4	--		1.32
Vinyl bromide	ND	0.264	--	ND	1.15	--		1.32
Acetone	4.66	1.32	--	11.1	3.14	--		1.32
Trichlorofluoromethane	0.180	0.066	--	1.01	0.371	--		1.32
iso-Propyl Alcohol	ND	0.660	--	ND	1.62	--		1.32
1,1-Dichloroethene	ND	0.026	--	ND	0.105	--		1.32
1,2-Dichloroethene (total)	0.524	0.026	--	2.08	0.105	--		1.32
Methylene chloride	ND	0.660	--	ND	2.29	--		1.32
3-Chloropropene	ND	0.264	--	ND	0.826	--		1.32
Carbon disulfide	ND	0.264	--	ND	0.822	--		1.32
1,3-Dichloropropene, Total	ND	0.026	--	ND	0.120	--		1.32
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.066	--	ND	0.506	--		1.32
trans-1,2-Dichloroethene	0.046	0.026	--	0.183	0.105	--		1.32
1,1-Dichloroethane	ND	0.026	--	ND	0.107	--		1.32
Methyl tert butyl ether	ND	0.264	--	ND	0.952	--		1.32



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-02 D  
 Client ID: HA-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:33  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.32	--	ND	4.65	--		1.32
2-Butanone	ND	0.660	--	ND	1.95	--		1.32
cis-1,2-Dichloroethene	0.478	0.026	--	1.90	0.105	--		1.32
Ethyl Acetate	ND	0.660	--	ND	2.38	--		1.32
Chloroform	ND	0.026	--	ND	0.129	--		1.32
Tetrahydrofuran	ND	0.660	--	ND	1.95	--		1.32
1,2-Dichloroethane	ND	0.026	--	ND	0.107	--		1.32
n-Hexane	ND	0.264	--	ND	0.930	--		1.32
1,1,1-Trichloroethane	ND	0.026	--	ND	0.144	--		1.32
Benzene	0.194	0.132	--	0.620	0.422	--		1.32
Carbon tetrachloride	0.112	0.026	--	0.705	0.166	--		1.32
Cyclohexane	ND	0.264	--	ND	0.909	--		1.32
1,2-Dichloropropane	ND	0.026	--	ND	0.122	--		1.32
Bromodichloromethane	ND	0.026	--	ND	0.177	--		1.32
1,4-Dioxane	ND	0.132	--	ND	0.476	--		1.32
Trichloroethene	1.38	0.026	--	7.42	0.142	--		1.32
2,2,4-Trimethylpentane	ND	0.264	--	ND	1.23	--		1.32
Heptane	ND	0.264	--	ND	1.08	--		1.32
cis-1,3-Dichloropropene	ND	0.026	--	ND	0.120	--		1.32
4-Methyl-2-pentanone	ND	0.660	--	ND	2.70	--		1.32
trans-1,3-Dichloropropene	ND	0.026	--	ND	0.120	--		1.32
1,1,2-Trichloroethane	ND	0.026	--	ND	0.144	--		1.32
Toluene	0.271	0.066	--	1.02	0.249	--		1.32
2-Hexanone	ND	0.264	--	ND	1.08	--		1.32
Dibromochloromethane	ND	0.026	--	ND	0.225	--		1.32
1,2-Dibromoethane	ND	0.026	--	ND	0.203	--		1.32



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-02 D  
 Client ID: HA-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:33  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	111	0.026	--	753	0.179	--	E	1.32
Chlorobenzene	ND	0.132	--	ND	0.608	--		1.32
Ethylbenzene	0.173	0.026	--	0.751	0.115	--		1.32
p/m-Xylene	0.788	0.053	--	3.42	0.229	--		1.32
Xylene (Total)	1.28	0.026	--	5.56	0.115	--		1.32
Bromoform	ND	0.026	--	ND	0.273	--		1.32
Styrene	ND	0.026	--	ND	0.112	--		1.32
1,1,2,2-Tetrachloroethane	ND	0.026	--	ND	0.181	--		1.32
o-Xylene	0.496	0.026	--	2.15	0.115	--		1.32
4-Ethyltoluene	0.028	0.026	--	0.136	0.130	--		1.32
1,3,5-Trimethylbenzene	0.055	0.026	--	0.272	0.130	--		1.32
1,2,4-Trimethylbenzene	0.296	0.026	--	1.46	0.130	--		1.32
Benzyl chloride	ND	0.264	--	ND	1.37	--		1.32
1,3-Dichlorobenzene	0.502	0.026	--	3.02	0.159	--		1.32
1,4-Dichlorobenzene	ND	0.026	--	ND	0.159	--		1.32
1,2-Dichlorobenzene	ND	0.026	--	ND	0.159	--		1.32
1,2,4-Trichlorobenzene	ND	0.066	--	ND	0.490	--		1.32
Naphthalene	ND	0.066	--	ND	0.346	--		1.32
Hexachlorobutadiene	ND	0.066	--	ND	0.704	--		1.32

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-02 D2

Date Collected: 07/23/21 13:33

Client ID: HA-09

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/31/21 07:58

Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Tetrachloroethene	101	0.123	--	685	0.834	--		6.159

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-03  
 Client ID: SV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:34  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 21:19  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	47.4	0.500	--	81.6	0.861	--		1
Dichlorodifluoromethane	0.423	0.200	--	2.09	0.989	--		1
Chloromethane	0.269	0.200	--	0.555	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.945	0.020	--	2.09	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	9.38	5.00	--	17.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.0	1.00	--	40.4	2.38	--		1
Trichlorofluoromethane	0.211	0.050	--	1.19	0.281	--		1
iso-Propyl Alcohol	0.770	0.500	--	1.89	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Methylene chloride	1.93	0.500	--	6.70	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.56	0.200	--	7.97	0.623	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-03  
 Client ID: SV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:34  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	3.19	0.500	--	9.41	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.166	0.020	--	0.811	0.098	--		1
Tetrahydrofuran	3.49	0.500	--	10.3	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	4.20	0.200	--	14.8	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	1.10	0.100	--	3.51	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Cyclohexane	0.533	0.200	--	1.83	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	1.50	0.200	--	7.01	0.934	--		1
Heptane	2.80	0.200	--	11.5	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	0.811	0.500	--	3.32	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	0.994	0.050	--	3.75	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-03  
 Client ID: SV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:34  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.117	0.020	--	0.793	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.603	0.020	--	2.62	0.087	--		1
p/m-Xylene	2.73	0.040	--	11.9	0.174	--		1
Xylene (Total)	3.87	0.020	--	16.8	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.069	0.020	--	0.294	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	1.14	0.020	--	4.95	0.087	--		1
4-Ethyltoluene	0.191	0.020	--	0.939	0.098	--		1
1,3,5-Trimethylbenzene	0.278	0.020	--	1.37	0.098	--		1
1,2,4-Trimethylbenzene	0.717	0.020	--	3.52	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.349	0.020	--	2.10	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.052	0.050	--	0.273	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	105		60-140





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-04  
 Client ID: HA-07  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 22:34  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.53	1.00	--	3.63	2.38	--		1
Trichlorofluoromethane	0.077	0.050	--	0.433	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethene (total)	0.088	0.020	--	0.349	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-04  
 Client ID: HA-07  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.088	0.020	--	0.349	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.031	0.020	--	0.195	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.211	0.020	--	1.13	0.107	--		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	0.020	--	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
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-04  
 Client ID: HA-07  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	16.4	0.020	--	111	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	0.059	0.040	--	0.256	0.174	--		1
Xylene (Total)	0.097	0.020	--	0.421	0.087	--		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	0.038	0.020	--	0.165	0.087	--		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	0.045	0.020	--	0.221	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.062	0.020	--	0.373	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-05 D  
 Client ID: SV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:15  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 23:13  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	627	2.10	--	1080	3.61	--	E	4.208
Dichlorodifluoromethane	ND	0.842	--	ND	4.16	--		4.208
Chloromethane	5.83	0.842	--	12.0	1.74	--		4.208
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.210	--	ND	1.47	--		4.208
Vinyl chloride	0.320	0.084	--	0.818	0.215	--		4.208
1,3-Butadiene	91.9	0.084	--	203	0.186	--		4.208
Bromomethane	ND	0.084	--	ND	0.327	--		4.208
Chloroethane	1.11	0.421	--	2.93	1.11	--		4.208
Ethyl Alcohol	ND	21.0	--	ND	39.6	--		4.208
Vinyl bromide	ND	0.842	--	ND	3.68	--		4.208
Acetone	57.7	4.21	--	137	10.0	--		4.208
Trichlorofluoromethane	0.328	0.210	--	1.84	1.18	--		4.208
iso-Propyl Alcohol	ND	2.10	--	ND	5.16	--		4.208
1,1-Dichloroethene	ND	0.084	--	ND	0.334	--		4.208
Methylene chloride	25.2	2.10	--	87.5	7.30	--		4.208
1,2-Dichloroethene (total)	ND	0.084	--	ND	0.334	--		4.208
3-Chloropropene	ND	0.842	--	ND	2.64	--		4.208
Carbon disulfide	4.03	0.842	--	12.5	2.62	--		4.208
1,3-Dichloropropene, Total	ND	0.084	--	ND	0.382	--		4.208
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.210	--	ND	1.61	--		4.208
trans-1,2-Dichloroethene	ND	0.084	--	ND	0.334	--		4.208
1,1-Dichloroethane	ND	0.084	--	ND	0.341	--		4.208
Methyl tert butyl ether	ND	0.842	--	ND	3.04	--		4.208



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-05 D

Date Collected: 07/23/21 13:15

Client ID: SV-01

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	4.21	--	ND	14.8	--		4.208
2-Butanone	9.03	2.10	--	26.6	6.19	--		4.208
cis-1,2-Dichloroethene	ND	0.084	--	ND	0.334	--		4.208
Ethyl Acetate	ND	2.10	--	ND	7.57	--		4.208
Chloroform	0.194	0.084	--	0.947	0.411	--		4.208
Tetrahydrofuran	2.37	2.10	--	6.99	6.19	--		4.208
1,2-Dichloroethane	ND	0.084	--	ND	0.341	--		4.208
n-Hexane	31.4	0.842	--	111	2.97	--		4.208
1,1,1-Trichloroethane	ND	0.084	--	ND	0.459	--		4.208
Benzene	21.2	0.421	--	67.7	1.34	--		4.208
Carbon tetrachloride	0.147	0.084	--	0.925	0.530	--		4.208
Cyclohexane	2.50	0.842	--	8.61	2.90	--		4.208
1,2-Dichloropropane	0.867	0.084	--	4.01	0.389	--		4.208
Bromodichloromethane	ND	0.084	--	ND	0.564	--		4.208
1,4-Dioxane	ND	0.421	--	ND	1.52	--		4.208
Trichloroethene	0.105	0.084	--	0.564	0.453	--		4.208
2,2,4-Trimethylpentane	27.9	0.842	--	130	3.93	--		4.208
Heptane	22.3	0.842	--	91.4	3.45	--		4.208
cis-1,3-Dichloropropene	ND	0.084	--	ND	0.382	--		4.208
4-Methyl-2-pentanone	ND	2.10	--	ND	8.61	--		4.208
trans-1,3-Dichloropropene	ND	0.084	--	ND	0.382	--		4.208
1,1,2-Trichloroethane	ND	0.084	--	ND	0.459	--		4.208
Toluene	33.3	0.210	--	125	0.791	--		4.208
2-Hexanone	ND	0.842	--	ND	3.45	--		4.208
Dibromochloromethane	ND	0.084	--	ND	0.717	--		4.208
1,2-Dibromoethane	ND	0.084	--	ND	0.647	--		4.208



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-05 D  
 Client ID: SV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:15  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.783	0.084	--	5.31	0.571	--		4.208
Chlorobenzene	ND	0.421	--	ND	1.94	--		4.208
Ethylbenzene	2.55	0.084	--	11.1	0.366	--		4.208
p/m-Xylene	5.53	0.168	--	24.0	0.730	--		4.208
Xylene (Total)	7.92	0.084	--	34.4	0.366	--		4.208
Bromoform	ND	0.084	--	ND	0.871	--		4.208
Styrene	1.75	0.084	--	7.45	0.358	--		4.208
1,1,2,2-Tetrachloroethane	ND	0.084	--	ND	0.578	--		4.208
o-Xylene	2.39	0.084	--	10.4	0.366	--		4.208
4-Ethyltoluene	0.286	0.084	--	1.41	0.414	--		4.208
1,3,5-Trimethylbenzene	0.379	0.084	--	1.86	0.414	--		4.208
1,2,4-Trimethylbenzene	1.59	0.084	--	7.82	0.414	--		4.208
Benzyl chloride	ND	0.842	--	ND	4.36	--		4.208
1,3-Dichlorobenzene	ND	0.084	--	ND	0.506	--		4.208
1,4-Dichlorobenzene	ND	0.084	--	ND	0.506	--		4.208
1,2-Dichlorobenzene	ND	0.084	--	ND	0.506	--		4.208
1,2,4-Trichlorobenzene	ND	0.210	--	ND	1.56	--		4.208
Naphthalene	0.543	0.210	--	2.85	1.10	--		4.208
Hexachlorobutadiene	ND	0.210	--	ND	2.24	--		4.208

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	105		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-05 D2

Date Collected: 07/23/21 13:15

Client ID: SV-01

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/01/21 23:21

Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Propylene	794	11.7	--	1370	20.1	--		23.39

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-06  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:54  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/30/21 23:52  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.453	0.200	--	2.24	0.989	--		1
Chloromethane	0.429	0.200	--	0.886	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	5.20	5.00	--	9.80	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.29	1.00	--	7.82	2.38	--		1
Trichlorofluoromethane	0.207	0.050	--	1.16	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	4.63	0.500	--	16.1	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

Lab ID: L2140039-06  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:54  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.021	0.020	--	0.103	0.098	--		1
Tetrahydrofuran	0.501	0.500	--	1.48	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.283	0.200	--	0.997	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.032	0.020	--	0.172	0.107	--		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	0.020	--	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	0.181	0.050	--	0.682	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-06  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:54  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.058	0.020	--	0.252	0.087	--		1
p/m-Xylene	0.234	0.040	--	1.02	0.174	--		1
Xylene (Total)	0.366	0.020	--	1.59	0.087	--		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	0.132	0.020	--	0.573	0.087	--		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	0.051	0.020	--	0.251	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-07  
 Client ID: SV-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:28  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 00:31  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.432	0.200	--	2.14	0.989	--		1
Chloromethane	0.419	0.200	--	0.865	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.02	1.00	--	9.55	2.38	--		1
Trichlorofluoromethane	0.201	0.050	--	1.13	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	3.38	0.500	--	11.7	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-07  
 Client ID: SV-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:28  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.022	0.020	--	0.107	0.098	--		1
Tetrahydrofuran	1.68	0.500	--	4.95	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.035	0.020	--	0.188	0.107	--		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	0.020	--	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	0.187	0.050	--	0.705	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-07  
 Client ID: SV-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:28  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	14.6	0.020	--	99.0	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.047	0.020	--	0.204	0.087	--		1
p/m-Xylene	0.204	0.040	--	0.886	0.174	--		1
Xylene (Total)	0.307	0.020	--	1.33	0.087	--		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	0.103	0.020	--	0.447	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	0.023	0.020	--	0.113	0.098	--		1
1,2,4-Trimethylbenzene	0.068	0.020	--	0.334	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	99		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-08  
 Client ID: SSV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 01:10  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Propylene	0.718	0.500	--	1.24	0.861	--		1
Dichlorodifluoromethane	0.430	0.200	--	2.13	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.090	0.020	--	0.199	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	34.4	5.00	--	64.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.1	1.00	--	105	2.38	--		1
Trichlorofluoromethane	0.204	0.050	--	1.15	0.281	--		1
iso-Propyl Alcohol	1.89	0.500	--	4.65	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	0.571	0.500	--	1.98	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	0.218	0.200	--	0.679	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.050	--	0.468	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-08  
 Client ID: SSV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	1.32	0.500	--	3.89	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.045	0.020	--	0.220	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.354	0.100	--	1.13	0.319	--		1
Carbon tetrachloride	0.057	0.020	--	0.359	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	0.045	0.020	--	0.208	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	0.122	0.100	--	0.440	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.260	0.200	--	1.07	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	0.956	0.500	--	3.92	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	2.27	0.050	--	8.55	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-08  
 Client ID: SSV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.368	0.020	--	2.50	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.191	0.020	--	0.830	0.087	--		1
p/m-Xylene	0.643	0.040	--	2.79	0.174	--		1
Xylene (Total)	0.886	0.020	--	3.85	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.033	0.020	--	0.141	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.243	0.020	--	1.06	0.087	--		1
4-Ethyltoluene	0.291	0.020	--	1.43	0.098	--		1
1,3,5-Trimethylbenzene	0.883	0.020	--	4.34	0.098	--		1
1,2,4-Trimethylbenzene	2.15	0.020	--	10.6	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.053	0.050	--	0.278	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	98		60-140





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-09  
 Client ID: SSV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 01:49  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	1.10	0.500	--	1.89	0.861	--		1
Dichlorodifluoromethane	0.466	0.200	--	2.30	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.128	0.020	--	0.283	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	116	5.00	--	219	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	109	1.00	--	259	2.38	--		1
Trichlorofluoromethane	0.210	0.050	--	1.18	0.281	--		1
iso-Propyl Alcohol	5.97	0.500	--	14.7	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	0.549	0.200	--	1.71	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.060	0.050	--	0.460	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-09  
 Client ID: SSV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	5.91	0.500	--	17.4	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.51	0.020	--	7.37	0.098	--		1
Tetrahydrofuran	3.76	0.500	--	11.1	1.47	--		1
1,2-Dichloroethane	0.022	0.020	--	0.089	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	0.046	0.020	--	0.251	0.109	--		1
Benzene	0.470	0.100	--	1.50	0.319	--		1
Carbon tetrachloride	0.051	0.020	--	0.321	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.107	0.020	--	0.717	0.134	--		1
1,4-Dioxane	0.447	0.100	--	1.61	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.234	0.200	--	0.959	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	2.84	0.500	--	11.6	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	2.51	0.050	--	9.46	0.188	--		1
2-Hexanone	0.231	0.200	--	0.947	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-09  
 Client ID: SSV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.337	0.020	--	2.29	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.527	0.020	--	2.29	0.087	--		1
p/m-Xylene	1.68	0.040	--	7.30	0.174	--		1
Xylene (Total)	2.34	0.020	--	10.2	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.090	0.020	--	0.383	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.662	0.020	--	2.88	0.087	--		1
4-Ethyltoluene	0.859	0.020	--	4.22	0.098	--		1
1,3,5-Trimethylbenzene	2.42	0.020	--	11.9	0.098	--		1
1,2,4-Trimethylbenzene	6.02	0.020	--	29.6	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.023	0.020	--	0.138	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.225	0.050	--	1.18	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-10  
 Client ID: HA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 02:27  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	0.767	0.500	--	1.32	0.861	--		1
Dichlorodifluoromethane	0.434	0.200	--	2.15	0.989	--		1
Chloromethane	0.555	0.200	--	1.15	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	12.1	5.00	--	22.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.63	1.00	--	13.4	2.38	--		1
Trichlorofluoromethane	0.239	0.050	--	1.34	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.071	0.050	--	0.544	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

Lab ID: L2140039-10  
 Client ID: HA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.022	0.020	--	0.107	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.185	0.100	--	0.591	0.319	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	0.394	0.050	--	1.48	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-10  
 Client ID: HA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.027	0.020	--	0.183	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.346	0.020	--	1.50	0.087	--		1
p/m-Xylene	1.80	0.040	--	7.82	0.174	--		1
Xylene (Total)	2.71	0.020	--	11.8	0.087	--		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	0.904	0.020	--	3.93	0.087	--		1
4-Ethyltoluene	0.058	0.020	--	0.285	0.098	--		1
1,3,5-Trimethylbenzene	0.095	0.020	--	0.467	0.098	--		1
1,2,4-Trimethylbenzene	0.527	0.020	--	2.59	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.118	0.020	--	0.709	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.056	0.050	--	0.294	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	99		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-11 D  
 Client ID: SV-04  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:40  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 03:06  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	2.94	0.586	--	5.06	1.01	--		1.172
Dichlorodifluoromethane	0.417	0.234	--	2.06	1.16	--		1.172
Chloromethane	ND	0.234	--	ND	0.483	--		1.172
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.059	--	ND	0.410	--		1.172
Vinyl chloride	ND	0.023	--	ND	0.060	--		1.172
1,3-Butadiene	0.233	0.023	--	0.515	0.052	--		1.172
Bromomethane	ND	0.023	--	ND	0.091	--		1.172
Chloroethane	ND	0.117	--	ND	0.309	--		1.172
Ethyl Alcohol	14.8	5.86	--	27.9	11.0	--		1.172
Vinyl bromide	ND	0.234	--	ND	1.02	--		1.172
Acetone	7.95	1.17	--	18.9	2.78	--		1.172
Trichlorofluoromethane	0.210	0.059	--	1.18	0.329	--		1.172
iso-Propyl Alcohol	ND	0.586	--	ND	1.44	--		1.172
1,1-Dichloroethene	ND	0.023	--	ND	0.093	--		1.172
Methylene chloride	ND	0.586	--	ND	2.04	--		1.172
1,2-Dichloroethene (total)	ND	0.023	--	ND	0.093	--		1.172
3-Chloropropene	ND	0.234	--	ND	0.732	--		1.172
Carbon disulfide	ND	0.234	--	ND	0.729	--		1.172
1,3-Dichloropropene, Total	ND	0.023	--	ND	0.106	--		1.172
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.065	0.059	--	0.494	0.449	--		1.172
trans-1,2-Dichloroethene	ND	0.023	--	ND	0.093	--		1.172
1,1-Dichloroethane	ND	0.023	--	ND	0.095	--		1.172
Methyl tert butyl ether	ND	0.234	--	ND	0.844	--		1.172



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-11 D

Date Collected: 07/23/21 13:40

Client ID: SV-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.17	--	ND	4.12	--		1.172
2-Butanone	1.01	0.586	--	2.98	1.73	--		1.172
cis-1,2-Dichloroethene	ND	0.023	--	ND	0.093	--		1.172
Ethyl Acetate	ND	0.586	--	ND	2.11	--		1.172
Chloroform	0.281	0.023	--	1.37	0.114	--		1.172
Tetrahydrofuran	ND	0.586	--	ND	1.73	--		1.172
1,2-Dichloroethane	ND	0.023	--	ND	0.095	--		1.172
n-Hexane	1.14	0.234	--	4.02	0.825	--		1.172
1,1,1-Trichloroethane	ND	0.023	--	ND	0.128	--		1.172
Benzene	0.532	0.117	--	1.70	0.374	--		1.172
Carbon tetrachloride	0.028	0.023	--	0.177	0.147	--		1.172
Cyclohexane	ND	0.234	--	ND	0.805	--		1.172
1,2-Dichloropropane	ND	0.023	--	ND	0.108	--		1.172
Bromodichloromethane	ND	0.023	--	ND	0.157	--		1.172
1,4-Dioxane	ND	0.117	--	ND	0.422	--		1.172
Trichloroethene	ND	0.023	--	ND	0.126	--		1.172
2,2,4-Trimethylpentane	ND	0.234	--	ND	1.09	--		1.172
Heptane	0.464	0.234	--	1.90	0.959	--		1.172
cis-1,3-Dichloropropene	ND	0.023	--	ND	0.106	--		1.172
4-Methyl-2-pentanone	ND	0.586	--	ND	2.40	--		1.172
trans-1,3-Dichloropropene	ND	0.023	--	ND	0.106	--		1.172
1,1,2-Trichloroethane	ND	0.023	--	ND	0.128	--		1.172
Toluene	1.08	0.059	--	4.07	0.221	--		1.172
2-Hexanone	ND	0.234	--	ND	0.959	--		1.172
Dibromochloromethane	ND	0.023	--	ND	0.199	--		1.172
1,2-Dibromoethane	ND	0.023	--	ND	0.180	--		1.172





**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-11 D  
 Client ID: SV-04  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:40  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.116	0.023	--	0.787	0.159	--		1.172
Chlorobenzene	ND	0.117	--	ND	0.539	--		1.172
Ethylbenzene	0.230	0.023	--	0.999	0.102	--		1.172
p/m-Xylene	0.759	0.047	--	3.30	0.204	--		1.172
Xylene (Total)	1.17	0.023	--	5.08	0.102	--		1.172
Bromoform	ND	0.023	--	ND	0.242	--		1.172
Styrene	0.053	0.023	--	0.224	0.10	--		1.172
1,1,2,2-Tetrachloroethane	ND	0.023	--	ND	0.161	--		1.172
o-Xylene	0.412	0.023	--	1.79	0.102	--		1.172
4-Ethyltoluene	0.036	0.023	--	0.178	0.115	--		1.172
1,3,5-Trimethylbenzene	0.052	0.023	--	0.254	0.115	--		1.172
1,2,4-Trimethylbenzene	0.252	0.023	--	1.24	0.115	--		1.172
Benzyl chloride	ND	0.234	--	ND	1.21	--		1.172
1,3-Dichlorobenzene	0.400	0.023	--	2.40	0.141	--		1.172
1,4-Dichlorobenzene	ND	0.023	--	ND	0.141	--		1.172
1,2-Dichlorobenzene	ND	0.023	--	ND	0.141	--		1.172
1,2,4-Trichlorobenzene	ND	0.059	--	ND	0.435	--		1.172
Naphthalene	ND	0.059	--	ND	0.307	--		1.172
Hexachlorobutadiene	ND	0.059	--	ND	0.625	--		1.172

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**SAMPLE RESULTS**

Lab ID: L2140039-12 D  
 Client ID: SV-03  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:00  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/31/21 03:46  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	1.68	--	ND	2.89	--		3.367
Dichlorodifluoromethane	ND	0.673	--	ND	3.33	--		3.367
Chloromethane	ND	0.673	--	ND	1.39	--		3.367
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.168	--	ND	1.17	--		3.367
Vinyl chloride	ND	0.067	--	ND	0.172	--		3.367
1,3-Butadiene	ND	0.067	--	ND	0.149	--		3.367
Bromomethane	ND	0.067	--	ND	0.261	--		3.367
Chloroethane	ND	0.337	--	ND	0.889	--		3.367
Ethyl Alcohol	ND	16.8	--	ND	31.7	--		3.367
Vinyl bromide	ND	0.673	--	ND	2.94	--		3.367
Acetone	6.36	3.37	--	15.1	8.01	--		3.367
Trichlorofluoromethane	0.212	0.168	--	1.19	0.944	--		3.367
iso-Propyl Alcohol	ND	1.68	--	ND	4.13	--		3.367
1,1-Dichloroethene	ND	0.067	--	ND	0.267	--		3.367
Methylene chloride	ND	1.68	--	ND	5.84	--		3.367
1,2-Dichloroethene (total)	ND	0.067	--	ND	0.267	--		3.367
3-Chloropropene	ND	0.673	--	ND	2.11	--		3.367
Carbon disulfide	ND	0.673	--	ND	2.10	--		3.367
1,3-Dichloropropene, Total	ND	0.067	--	ND	0.306	--		3.367
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.168	--	ND	1.29	--		3.367
trans-1,2-Dichloroethene	ND	0.067	--	ND	0.267	--		3.367
1,1-Dichloroethane	ND	0.067	--	ND	0.272	--		3.367
Methyl tert butyl ether	ND	0.673	--	ND	2.43	--		3.367



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-12 D  
 Client ID: SV-03  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:00  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	3.37	--	ND	11.9	--		3.367
2-Butanone	ND	1.68	--	ND	4.95	--		3.367
cis-1,2-Dichloroethene	ND	0.067	--	ND	0.267	--		3.367
Ethyl Acetate	ND	1.68	--	ND	6.05	--		3.367
Chloroform	ND	0.067	--	ND	0.329	--		3.367
Tetrahydrofuran	ND	1.68	--	ND	4.95	--		3.367
1,2-Dichloroethane	ND	0.067	--	ND	0.272	--		3.367
n-Hexane	0.683	0.673	--	2.41	2.37	--		3.367
1,1,1-Trichloroethane	ND	0.067	--	ND	0.367	--		3.367
Benzene	ND	0.337	--	ND	1.08	--		3.367
Carbon tetrachloride	0.084	0.067	--	0.530	0.423	--		3.367
Cyclohexane	ND	0.673	--	ND	2.32	--		3.367
1,2-Dichloropropane	ND	0.067	--	ND	0.311	--		3.367
Bromodichloromethane	ND	0.067	--	ND	0.451	--		3.367
1,4-Dioxane	ND	0.337	--	ND	1.21	--		3.367
Trichloroethene	ND	0.067	--	ND	0.362	--		3.367
2,2,4-Trimethylpentane	ND	0.673	--	ND	3.14	--		3.367
Heptane	ND	0.673	--	ND	2.76	--		3.367
cis-1,3-Dichloropropene	ND	0.067	--	ND	0.306	--		3.367
4-Methyl-2-pentanone	ND	1.68	--	ND	6.88	--		3.367
trans-1,3-Dichloropropene	ND	0.067	--	ND	0.306	--		3.367
1,1,2-Trichloroethane	ND	0.067	--	ND	0.367	--		3.367
Toluene	0.400	0.168	--	1.51	0.633	--		3.367
2-Hexanone	ND	0.673	--	ND	2.76	--		3.367
Dibromochloromethane	ND	0.067	--	ND	0.573	--		3.367
1,2-Dibromoethane	ND	0.067	--	ND	0.517	--		3.367



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

### SAMPLE RESULTS

Lab ID: L2140039-12 D  
 Client ID: SV-03  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:00  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.071	0.067	--	0.479	0.456	--		3.367
Chlorobenzene	ND	0.337	--	ND	1.55	--		3.367
Ethylbenzene	0.337	0.067	--	1.46	0.292	--		3.367
p/m-Xylene	1.47	0.135	--	6.39	0.586	--		3.367
Xylene (Total)	2.20	0.067	--	9.56	0.292	--		3.367
Bromoform	ND	0.067	--	ND	0.696	--		3.367
Styrene	ND	0.067	--	ND	0.287	--		3.367
1,1,2,2-Tetrachloroethane	ND	0.067	--	ND	0.462	--		3.367
o-Xylene	0.730	0.067	--	3.17	0.292	--		3.367
4-Ethyltoluene	ND	0.067	--	ND	0.331	--		3.367
1,3,5-Trimethylbenzene	0.067	0.067	--	0.331	0.331	--		3.367
1,2,4-Trimethylbenzene	0.461	0.067	--	2.27	0.331	--		3.367
Benzyl chloride	ND	0.673	--	ND	3.48	--		3.367
1,3-Dichlorobenzene	0.077	0.067	--	0.465	0.405	--		3.367
1,4-Dichlorobenzene	ND	0.067	--	ND	0.405	--		3.367
1,2-Dichlorobenzene	ND	0.067	--	ND	0.405	--		3.367
1,2,4-Trichlorobenzene	ND	0.168	--	ND	1.25	--		3.367
Naphthalene	ND	0.168	--	ND	0.881	--		3.367
Hexachlorobutadiene	ND	0.168	--	ND	1.79	--		3.367

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	98		60-140



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/30/21 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1530002-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/30/21 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1530002-4								
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/30/21 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1530002-4								
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Xylene (Total)	ND	0.020	--	ND	0.087	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/30/21 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG1530002-4								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.020	--	ND	0.193	--		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



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/01/21 15:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 05 Batch: WG1530311-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/01/21 15:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 05 Batch: WG1530311-4								
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/01/21 15:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 05 Batch: WG1530311-4								
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Xylene (Total)	ND	0.020	--	ND	0.087	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 08/01/21 15:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 05 Batch: WG1530311-4								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.020	--	ND	0.193	--		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

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1530002-3								
Propylene	102		-		70-130	-		25
Dichlorodifluoromethane	100		-		70-130	-		25
Chloromethane	98		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	101		-		70-130	-		25
Vinyl chloride	93		-		70-130	-		25
1,3-Butadiene	96		-		70-130	-		25
Bromomethane	97		-		70-130	-		25
Chloroethane	91		-		70-130	-		25
Ethyl Alcohol	82		-		40-160	-		25
Vinyl bromide	94		-		70-130	-		25
Acrolein	70		-		60-113	-		25
Acetone	78		-		40-160	-		25
Trichlorofluoromethane	103		-		70-130	-		25
iso-Propyl Alcohol	72		-		40-160	-		25
Acrylonitrile	82		-		70-130	-		25
1,1-Dichloroethene	96		-		70-130	-		25
tert-Butyl Alcohol <sup>1</sup>	81		-		70-130	-		25
Methylene chloride	97		-		70-130	-		25
3-Chloropropene	94		-		70-130	-		25
Carbon disulfide	90		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		-		70-130	-		25
trans-1,2-Dichloroethene	91		-		70-130	-		25
1,1-Dichloroethane	92		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1530002-3								
Methyl tert butyl ether	84		-		70-130	-		25
Vinyl acetate	75		-		70-130	-		25
2-Butanone	89		-		70-130	-		25
cis-1,2-Dichloroethene	97		-		70-130	-		25
Ethyl Acetate	90		-		70-130	-		25
Chloroform	101		-		70-130	-		25
Tetrahydrofuran	89		-		70-130	-		25
1,2-Dichloroethane	104		-		70-130	-		25
n-Hexane	96		-		70-130	-		25
1,1,1-Trichloroethane	106		-		70-130	-		25
Benzene	90		-		70-130	-		25
Carbon tetrachloride	124		-		70-130	-		25
Cyclohexane	93		-		70-130	-		25
Dibromomethane <sup>1</sup>	90		-		70-130	-		25
1,2-Dichloropropane	95		-		70-130	-		25
Bromodichloromethane	116		-		70-130	-		25
1,4-Dioxane	95		-		70-130	-		25
Trichloroethene	100		-		70-130	-		25
2,2,4-Trimethylpentane	101		-		70-130	-		25
cis-1,3-Dichloropropene	86		-		70-130	-		25
4-Methyl-2-pentanone	98		-		70-130	-		25
trans-1,3-Dichloropropene	98		-		70-130	-		25
1,1,2-Trichloroethane	99		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1530002-3								
Toluene	88		-		70-130	-		25
2-Hexanone	86		-		70-130	-		25
Dibromochloromethane	120		-		70-130	-		25
1,2-Dibromoethane	93		-		70-130	-		25
Tetrachloroethene	90		-		70-130	-		25
1,1,1,2-Tetrachloroethane	98		-		70-130	-		25
Chlorobenzene	90		-		70-130	-		25
Ethylbenzene	92		-		70-130	-		25
p/m-Xylene	98		-		70-130	-		25
Bromoform	129		-		70-130	-		25
Styrene	92		-		70-130	-		25
1,1,2,2-Tetrachloroethane	99		-		70-130	-		25
o-Xylene	98		-		70-130	-		25
1,2,3-Trichloropropane <sup>1</sup>	88		-		70-130	-		25
Isopropylbenzene	86		-		70-130	-		25
Bromobenzene <sup>1</sup>	88		-		70-130	-		25
4-Ethyltoluene	98		-		70-130	-		25
1,3,5-Trimethylbenzene	108		-		70-130	-		25
1,2,4-Trimethylbenzene	97		-		70-130	-		25
Benzyl chloride	101		-		70-130	-		25
1,3-Dichlorobenzene	104		-		70-130	-		25
1,4-Dichlorobenzene	101		-		70-130	-		25
sec-Butylbenzene	87		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG1530002-3								
p-Isopropyltoluene	78		-		70-130	-		25
1,2-Dichlorobenzene	100		-		70-130	-		25
n-Butylbenzene	91		-		70-130	-		25
1,2,4-Trichlorobenzene	96		-		70-130	-		25
Naphthalene	87		-		70-130	-		25
1,2,3-Trichlorobenzene	96		-		70-130	-		25
Hexachlorobutadiene	104		-		70-130	-		25



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1530311-3								
Propylene	120		-		70-130	-		25
Dichlorodifluoromethane	111		-		70-130	-		25
Chloromethane	94		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	108		-		70-130	-		25
Vinyl chloride	111		-		70-130	-		25
1,3-Butadiene	102		-		70-130	-		25
Bromomethane	125		-		70-130	-		25
Chloroethane	110		-		70-130	-		25
Ethyl Alcohol	82		-		40-160	-		25
Vinyl bromide	100		-		70-130	-		25
Acrolein	79		-		60-113	-		25
Acetone	101		-		40-160	-		25
Trichlorofluoromethane	123		-		70-130	-		25
iso-Propyl Alcohol	98		-		40-160	-		25
Acrylonitrile	86		-		70-130	-		25
1,1-Dichloroethene	121		-		70-130	-		25
tert-Butyl Alcohol <sup>1</sup>	106		-		70-130	-		25
Methylene chloride	105		-		70-130	-		25
3-Chloropropene	128		-		70-130	-		25
Carbon disulfide	99		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		-		70-130	-		25
trans-1,2-Dichloroethene	100		-		70-130	-		25
1,1-Dichloroethane	95		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1530311-3								
Methyl tert butyl ether	92		-		70-130	-		25
Vinyl acetate	93		-		70-130	-		25
2-Butanone	99		-		70-130	-		25
cis-1,2-Dichloroethene	101		-		70-130	-		25
Ethyl Acetate	100		-		70-130	-		25
Chloroform	111		-		70-130	-		25
Tetrahydrofuran	99		-		70-130	-		25
1,2-Dichloroethane	109		-		70-130	-		25
n-Hexane	97		-		70-130	-		25
1,1,1-Trichloroethane	96		-		70-130	-		25
Benzene	85		-		70-130	-		25
Carbon tetrachloride	104		-		70-130	-		25
Cyclohexane	97		-		70-130	-		25
Dibromomethane <sup>1</sup>	75		-		70-130	-		25
1,2-Dichloropropane	85		-		70-130	-		25
Bromodichloromethane	103		-		70-130	-		25
1,4-Dioxane	96		-		70-130	-		25
Trichloroethene	90		-		70-130	-		25
2,2,4-Trimethylpentane	95		-		70-130	-		25
cis-1,3-Dichloropropene	79		-		70-130	-		25
4-Methyl-2-pentanone	100		-		70-130	-		25
trans-1,3-Dichloropropene	92		-		70-130	-		25
1,1,2-Trichloroethane	89		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1530311-3								
Toluene	82		-		70-130	-		25
2-Hexanone	90		-		70-130	-		25
Dibromochloromethane	98		-		70-130	-		25
1,2-Dibromoethane	85		-		70-130	-		25
Tetrachloroethene	80		-		70-130	-		25
1,1,1,2-Tetrachloroethane	73		-		70-130	-		25
Chlorobenzene	88		-		70-130	-		25
Ethylbenzene	82		-		70-130	-		25
p/m-Xylene	85		-		70-130	-		25
Bromoform	87		-		70-130	-		25
Styrene	82		-		70-130	-		25
1,1,2,2-Tetrachloroethane	96		-		70-130	-		25
o-Xylene	87		-		70-130	-		25
1,2,3-Trichloropropane <sup>1</sup>	75		-		70-130	-		25
Isopropylbenzene	74		-		70-130	-		25
Bromobenzene <sup>1</sup>	77		-		70-130	-		25
4-Ethyltoluene	88		-		70-130	-		25
1,3,5-Trimethylbenzene	87		-		70-130	-		25
1,2,4-Trimethylbenzene	92		-		70-130	-		25
Benzyl chloride	85		-		70-130	-		25
1,3-Dichlorobenzene	88		-		70-130	-		25
1,4-Dichlorobenzene	86		-		70-130	-		25
sec-Butylbenzene	74		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1530311-3								
p-Isopropyltoluene	70		-		70-130	-		25
1,2-Dichlorobenzene	85		-		70-130	-		25
n-Butylbenzene	75		-		70-130	-		25
1,2,4-Trichlorobenzene	85		-		70-130	-		25
Naphthalene	65	Q	-		70-130	-		25
1,2,3-Trichlorobenzene	75		-		70-130	-		25
Hexachlorobutadiene	92		-		70-130	-		25

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Project Number: BE-365

Lab Number: L2140039

Report Date: 08/02/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1530002-5 QC Sample: L2140039-03 Client ID: SV-02						
Propylene	47.4	48.7	ppbV	3		25
Dichlorodifluoromethane	0.423	0.438	ppbV	3		25
Chloromethane	0.269	0.276	ppbV	3		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.945	0.962	ppbV	2		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	9.38	8.00	ppbV	16		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	17.0	17.0	ppbV	0		25
Trichlorofluoromethane	0.211	0.210	ppbV	0		25
iso-Propyl Alcohol	0.770	0.767	ppbV	0		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
1,2-Dichloroethene (total)	ND	ND	ppbV	NC		25
Methylene chloride	1.93	1.94	ppbV	1		25
3-Chloropropene	ND	ND	ppbV	NC		25
1,3-Dichloropropene, Total	ND	ND	ppbV	NC		25
Carbon disulfide	2.56	2.59	ppbV	1		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.061	0.063	ppbV	3		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Project Number: BE-365

Lab Number: L2140039

Report Date: 08/02/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1530002-5 QC Sample: L2140039-03 Client ID: SV-02						
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	3.19	3.18	ppbV	0		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	0.166	0.165	ppbV	1		25
Tetrahydrofuran	3.49	3.32	ppbV	5		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	4.20	4.20	ppbV	0		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	1.10	1.10	ppbV	0		25
Carbon tetrachloride	0.074	0.077	ppbV	4		25
Cyclohexane	0.533	0.538	ppbV	1		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	1.50	1.49	ppbV	1		25
Heptane	2.80	2.76	ppbV	1		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Project Number: BE-365

Lab Number: L2140039

Report Date: 08/02/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1530002-5 QC Sample: L2140039-03 Client ID: SV-02						
4-Methyl-2-pentanone	0.811	0.805	ppbV	1		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.994	1.00	ppbV	1		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.117	0.103	ppbV	13		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.603	0.610	ppbV	1		25
p/m-Xylene	2.73	2.75	ppbV	1		25
Xylene (Total)	3.87	3.90	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.069	0.069	ppbV	0		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.14	1.14	ppbV	0		25
4-Ethyltoluene	0.191	0.179	ppbV	6		25
1,3,5-Trimethylbenzene	0.278	0.282	ppbV	1		25
1,2,4-Trimethylbenzene	0.717	0.718	ppbV	0		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	0.349	0.354	ppbV	1		25

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Project Number:** BE-365

**Lab Number:** L2140039

**Report Date:** 08/02/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1530002-5 QC Sample: L2140039-03 Client ID: SV-02						
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	0.052	0.055	ppbV	6		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-01  
 Client ID: IA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 13:32  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 96,APH  
 Analytical Date: 07/30/21 20:02  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	1600		ug/m3	10	--	1
Toluene	200		ug/m3	0.90	--	1
Ethylbenzene	1.8		ug/m3	0.90	--	1
p/m-Xylene	6.4		ug/m3	0.90	--	1
o-Xylene	2.2		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	930		ug/m3	10	--	1
C9-C10 Aromatics Total	16		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		50-200
Bromochloromethane	97		50-200
Chlorobenzene-d5	96		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-02 D

Date Collected: 07/23/21 13:33

Client ID: HA-09

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 96,APH

Analytical Date: 07/30/21 20:40

Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.65	--	1.3
Methyl tert butyl ether	ND		ug/m3	0.91	--	1.3
Benzene	ND		ug/m3	0.78	--	1.3
C5-C8 Aliphatics, Adjusted	64		ug/m3	13	--	1.3
Toluene	ND		ug/m3	1.2	--	1.3
Ethylbenzene	ND		ug/m3	1.2	--	1.3
p/m-Xylene	3.3		ug/m3	1.2	--	1.3
o-Xylene	2.2		ug/m3	1.2	--	1.3
Naphthalene	ND		ug/m3	1.4	--	1.3
C9-C12 Aliphatics, Adjusted	16		ug/m3	13	--	1.3
C9-C10 Aromatics Total	ND		ug/m3	13	--	1.3

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		50-200
Bromochloromethane	98		50-200
Chlorobenzene-d5	96		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-03  
 Client ID: SV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:34  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/30/21 21:19  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	2.4		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	3.9		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	660		ug/m3	10	--	1
Toluene	4.1		ug/m3	0.90	--	1
Ethylbenzene	2.8		ug/m3	0.90	--	1
p/m-Xylene	12		ug/m3	0.90	--	1
o-Xylene	5.1		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	140		ug/m3	10	--	1
C9-C10 Aromatics Total	15		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	105		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-04  
 Client ID: HA-07  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 12:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/30/21 22:34  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	16		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		50-200
Bromochloromethane	98		50-200
Chlorobenzene-d5	95		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-05 D

Date Collected: 07/23/21 13:15

Client ID: SV-01

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 96,APH

Analytical Date: 07/30/21 23:13

Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	210		ug/m3	2.1	--	4.2
Methyl tert butyl ether	ND		ug/m3	2.9	--	4.2
Benzene	75		ug/m3	2.5	--	4.2
C5-C8 Aliphatics, Adjusted	4400		ug/m3	42	--	4.2
Toluene	130		ug/m3	3.8	--	4.2
Ethylbenzene	11		ug/m3	3.8	--	4.2
p/m-Xylene	24		ug/m3	3.8	--	4.2
o-Xylene	10		ug/m3	3.8	--	4.2
Naphthalene	ND		ug/m3	4.6	--	4.2
C9-C12 Aliphatics, Adjusted	300		ug/m3	42	--	4.2
C9-C10 Aromatics Total	48		ug/m3	42	--	4.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	111		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-06  
 Client ID: HA-06  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 08:54  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/30/21 23:52  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	1.0		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	100		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-07  
 Client ID: SV-09  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:28  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/31/21 00:31  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	101		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-08  
 Client ID: SSV-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/31/21 01:10  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	1.3		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	75		ug/m3	10	--	1
Toluene	9.2		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	2.9		ug/m3	0.90	--	1
o-Xylene	1.2		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	20		ug/m3	10	--	1
C9-C10 Aromatics Total	50		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		50-200
Bromochloromethane	103		50-200
Chlorobenzene-d5	100		50-200



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-09  
 Client ID: SSV-02  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 11:23  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/31/21 01:49  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	1.6		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	170		ug/m3	10	--	1
Toluene	10		ug/m3	0.90	--	1
Ethylbenzene	2.3		ug/m3	0.90	--	1
p/m-Xylene	7.4		ug/m3	0.90	--	1
o-Xylene	3.0		ug/m3	0.90	--	1
Naphthalene	1.5		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	78		ug/m3	10	--	1
C9-C10 Aromatics Total	120		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		50-200
Bromochloromethane	99		50-200
Chlorobenzene-d5	101		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-10  
 Client ID: HA-01  
 Sample Location: FALMOUTH, ME

Date Collected: 07/23/21 10:56  
 Date Received: 07/26/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 07/31/21 02:27  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	0.66		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	70		ug/m3	10	--	1
Toluene	1.6		ug/m3	0.90	--	1
Ethylbenzene	1.5		ug/m3	0.90	--	1
p/m-Xylene	7.8		ug/m3	0.90	--	1
o-Xylene	4.1		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	12		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		50-200
Bromochloromethane	103		50-200
Chlorobenzene-d5	102		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-11 D

Date Collected: 07/23/21 13:40

Client ID: SV-04

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 96,APH

Analytical Date: 07/31/21 03:06

Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.60	--	1.2
Methyl tert butyl ether	ND		ug/m3	0.84	--	1.2
Benzene	2.0		ug/m3	0.72	--	1.2
C5-C8 Aliphatics, Adjusted	140		ug/m3	12	--	1.2
Toluene	4.5		ug/m3	1.1	--	1.2
Ethylbenzene	ND		ug/m3	1.1	--	1.2
p/m-Xylene	3.4		ug/m3	1.1	--	1.2
o-Xylene	2.0		ug/m3	1.1	--	1.2
Naphthalene	ND		ug/m3	1.3	--	1.2
C9-C12 Aliphatics, Adjusted	18		ug/m3	12	--	1.2
C9-C10 Aromatics Total	ND		ug/m3	12	--	1.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		50-200
Bromochloromethane	100		50-200
Chlorobenzene-d5	101		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**SAMPLE RESULTS**

Lab ID: L2140039-12 D

Date Collected: 07/23/21 10:00

Client ID: SV-03

Date Received: 07/26/21

Sample Location: FALMOUTH, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Soil\_Vapor

Analytical Method: 96,APH

Analytical Date: 07/31/21 03:46

Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	1.7	--	3.4
Methyl tert butyl ether	ND		ug/m3	2.4	--	3.4
Benzene	ND		ug/m3	2.0	--	3.4
C5-C8 Aliphatics, Adjusted	92		ug/m3	34	--	3.4
Toluene	ND		ug/m3	3.1	--	3.4
Ethylbenzene	ND		ug/m3	3.1	--	3.4
p/m-Xylene	6.6		ug/m3	3.1	--	3.4
o-Xylene	3.4		ug/m3	3.1	--	3.4
Naphthalene	ND		ug/m3	3.7	--	3.4
C9-C12 Aliphatics, Adjusted	ND		ug/m3	34	--	3.4
C9-C10 Aromatics Total	ND		ug/m3	34	--	3.4

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		50-200
Bromochloromethane	104		50-200
Chlorobenzene-d5	100		50-200

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 96,APH  
 Analytical Date: 07/30/21 14:47  
 Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbons in Air - Mansfield Lab for sample(s): 01-12 Batch: WG1530004-4					
1,3-Butadiene	ND		ug/m3	0.50	--
Methyl tert butyl ether	ND		ug/m3	0.70	--
Benzene	ND		ug/m3	0.60	--
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--
Toluene	ND		ug/m3	0.90	--
Ethylbenzene	ND		ug/m3	0.90	--
p/m-Xylene	ND		ug/m3	0.90	--
o-Xylene	ND		ug/m3	0.90	--
Naphthalene	ND		ug/m3	1.1	--
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--
C9-C10 Aromatics Total	ND		ug/m3	10	--

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)

**Lab Number:** L2140039

**Project Number:** BE-365

**Report Date:** 08/02/21

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG1530004-3								
1,3-Butadiene	94		-		70-130	-		
Methyl tert butyl ether	89		-		70-130	-		
Benzene	102		-		70-130	-		
C5-C8 Aliphatics, Adjusted	108		-		70-130	-		
Toluene	96		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	99		-		70-130	-		
o-Xylene	105		-		70-130	-		
Naphthalene	120		-		50-150	-		
C9-C12 Aliphatics, Adjusted	97		-		70-130	-		
C9-C10 Aromatics Total	88		-		70-130	-		

## Lab Duplicate Analysis

Batch Quality Control

Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Project Number: BE-365

Lab Number: L2140039

Report Date: 08/02/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1530004-5 QC Sample: L2140039-03 Client ID: SV-02						
1,3-Butadiene	2.4	2.2	ug/m3	9		30
Methyl tert butyl ether	ND	ND	ug/m3	NC		30
Benzene	3.9	3.9	ug/m3	0		30
C5-C8 Aliphatics, Adjusted	660	660	ug/m3	0		30
Toluene	4.1	4.0	ug/m3	2		30
Ethylbenzene	2.8	2.6	ug/m3	7		30
p/m-Xylene	12	12	ug/m3	0		30
o-Xylene	5.1	5.0	ug/m3	2		30
Naphthalene	ND	ND	ug/m3	NC		30
C9-C12 Aliphatics, Adjusted	140	140	ug/m3	0		30
C9-C10 Aromatics Total	15	15	ug/m3	0		30

Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Serial\_No:08022116:43  
Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

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
L2140039-01	IA-01	01380	Flow 5	07/19/21	358478		-	-	-	Pass	3.0	2.7	11
L2140039-01	IA-01	930	6.0L Can	07/19/21	358478	L2137344-03	Pass	-29.3	-11.4	-	-	-	-
L2140039-02	HA-09	01923	Flow 2	07/19/21	358478		-	-	-	Pass	72	69	4
L2140039-02	HA-09	2045	2.7L Can	07/19/21	358478	L2137344-06	Pass	-29.3	-11.3	-	-	-	-
L2140039-03	SV-02	01801	Flow 2	07/19/21	358478		-	-	-	Pass	72	66	9
L2140039-03	SV-02	2371	2.7L Can	07/19/21	358478	L2137344-06	Pass	-29.3	-2.8	-	-	-	-
L2140039-04	HA-07	01015	Flow 2	07/19/21	358478		-	-	-	Pass	72	71	1
L2140039-04	HA-07	515	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.4	-9.6	-	-	-	-
L2140039-05	SV-01	0374	Flow 1	07/19/21	358478		-	-	-	Pass	72	1	195
L2140039-05	SV-01	3195	2.7L Can	07/19/21	358478	L2137632-06	Pass	-29.3	-24.9	-	-	-	-
L2140039-06	HA-06	0944	Flow 2	07/19/21	358478		-	-	-	Pass	72	72	0
L2140039-06	HA-06	2301	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.3	-5.2	-	-	-	-
L2140039-07	SV-09	01439	Flow 2	07/19/21	358478		-	-	-	Pass	72	67	7
L2140039-07	SV-09	552	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.3	-4.1	-	-	-	-
L2140039-08	SSV-01	01749	Flow 1	07/19/21	358478		-	-	-	Pass	72	66	9





Project Name: DAVIS MOTEL (ACCENT CLEANERS)

Serial\_No:08022116:43  
Lab Number: L2140039

Project Number: BE-365

Report Date: 08/02/21

### 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
L2140039-08	SSV-01	3209	2.7L Can	07/19/21	358478	L2137632-06	Pass	-29.4	-6.9	-	-	-	-
L2140039-09	SSV-02	01746	Flow 2	07/19/21	358478		-	-	-	Pass	72	72	0
L2140039-09	SSV-02	3448	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.4	-5.6	-	-	-	-
L2140039-10	HA-01	0594	Flow 2	07/19/21	358478		-	-	-	Pass	72	69	4
L2140039-10	HA-01	145	2.7L Can	07/19/21	358478	L2137632-06	Pass	-29.4	-4.9	-	-	-	-
L2140039-11	SV-04	01100	Flow 3	07/19/21	358478		-	-	-	Pass	72	65	10
L2140039-11	SV-04	363	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.4	-12.2	-	-	-	-
L2140039-12	SV-03	01766	Flow 1	07/19/21	358478		-	-	-	Pass	72	1	195
L2140039-12	SV-03	509	2.7L Can	07/19/21	358478	L2137632-07	Pass	-29.4	-24.1	-	-	-	-

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 07/13/21 21:31  
 Analyst: TS

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	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

**Lab ID:** L2137344-03  
**Client ID:** CAN 949 SHELF 56  
**Sample Location:**

**Date Collected:** 07/12/21 16:00  
**Date Received:** 07/13/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15-SIM  
**Analytical Date:** 07/13/21 21:31  
**Analyst:** TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-03  
 Client ID: CAN 949 SHELF 56  
 Sample Location:

Date Collected: 07/12/21 16:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	95		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 07/13/21 23:27  
 Analyst: TS

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	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 07/13/21 23:27  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137344  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137344-06  
 Client ID: CAN 177 SHELF 8  
 Sample Location:

Date Collected: 07/13/21 09:00  
 Date Received: 07/13/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	91		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 07/14/21 21:26  
 Analyst: AW

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	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

**Lab ID:** L2137632-06  
**Client ID:** CAN 2304 SHELF 19  
**Sample Location:**

**Date Collected:** 07/14/21 08:00  
**Date Received:** 07/14/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15-SIM  
**Analytical Date:** 07/14/21 21:26  
**Analyst:** TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-06  
 Client ID: CAN 2304 SHELF 19  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	91		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	95		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

**Lab ID:** L2137632-07  
**Client ID:** CAN 2342 SHELF 20  
**Sample Location:**

**Date Collected:** 07/14/21 08:00  
**Date Received:** 07/14/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15  
**Analytical Date:** 07/14/21 22:06  
**Analyst:** AW

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	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	97		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

**Lab ID:** L2137632-07  
**Client ID:** CAN 2342 SHELF 20  
**Sample Location:**

**Date Collected:** 07/14/21 08:00  
**Date Received:** 07/14/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15-SIM  
**Analytical Date:** 07/14/21 22:06  
**Analyst:** TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2137632  
**Report Date:** 08/02/21

### Air Canister Certification Results

Lab ID: L2137632-07  
 Client ID: CAN 2342 SHELF 20  
 Sample Location:

Date Collected: 07/14/21 08:00  
 Date Received: 07/14/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	92		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140

# **AIR Petro Can Certification**

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2137344**Project Number:** CANISTER QC BAT**Report Date:** 08/02/21**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2137344-03  
**Client ID:** CAN 949 SHELF 56  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 07/13/21 21:31  
**Analyst:** TS

**Date Collected:** 07/12/21 16:00  
**Date Received:** 07/13/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2137344**Project Number:** CANISTER QC BAT**Report Date:** 08/02/21**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2137344-06  
**Client ID:** CAN 177 SHELF 8  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 07/13/21 23:27  
**Analyst:** TS

**Date Collected:** 07/13/21 09:00  
**Date Received:** 07/13/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2137632**Project Number:** CANISTER QC BAT**Report Date:** 08/02/21**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2137632-06  
**Client ID:** CAN 2304 SHELF 19  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 07/14/21 21:26  
**Analyst:** TS

**Date Collected:** 07/14/21 08:00  
**Date Received:** 07/14/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2137632**Project Number:** CANISTER QC BAT**Report Date:** 08/02/21**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2137632-07  
**Client ID:** CAN 2342 SHELF 20  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 07/14/21 22:06  
**Analyst:** TS

**Date Collected:** 07/14/21 08:00  
**Date Received:** 07/14/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
NA	Present/Intact

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2140039-01A	Canister - 6 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-08A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-09A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-10A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-11A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2140039-12A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)

**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)**Lab Number:** L2140039**Project Number:** BE-365**Report Date:** 08/02/21

## GLOSSARY

### Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

*Report Format: Data Usability Report*



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

#### 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.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



**Project Name:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

**Data Qualifiers**

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:** DAVIS MOTEL (ACCENT CLEANERS)  
**Project Number:** BE-365

**Lab Number:** L2140039  
**Report Date:** 08/02/21

## REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.
- 96 Method for the Determination of Air-Phase Petroleum Hydrocarbons (APH), MassDEP, December 2009, Revision 1 with QC Requirements & Performance Standards for the Analysis of APH by GC/MS under the Massachusetts Contingency Plan, WSC-CAM-IXA, July 2010.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

**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.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, 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, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** 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 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



# AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

### Project Information

Project Name: **DAVIS MOTEL (ACCENT CLEANING)**  
 Project Location: **FALMOUTH, ME**  
 Project #: **BE-365**  
 Project Manager: **CRESSEY**  
 ALPHA Quote #: **15498**

### Report Information - Data Deliverables

FAX  
 ADEX  
 Criteria Checker:  
(Default based on Regulatory Criteria Indicated)  
 Other Formats:  
 EMAIL (standard pdf report)  
 Additional Deliverables:  
 Report to: (if different than Project Manager)

### Billing Information

Same as Client info  PO #: **BE-365**

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: \_\_\_\_\_ Time: \_\_\_\_\_

### Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

### Client Information

Client: **BEACON ENVIRONMENTAL**  
 Address: **PO Box 2154**  
**WINNHAM, ME 04062**  
 Phone: **(207) 376-5001**  
 Fax: **(207) 221-1354**  
 Email: **JCRESSEY@BEACONMATERIALS.COM**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

### ANALYSIS

TO-15  
 TO-15 SIM  
 APH Subtract Non-Hydrocarbon HCs  
 Fixed Gases  
 Sulfides & Mercaptans by TO-15

### All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
40039-01	IA-01	7/23	1500	1332	-30.10	-11.54	AA	JKC	6L	930	01380	XX					5 PPB
02	HA-09	7/23	1148	1333	-30.06	-11.39	SV	JKC	2.7L	2045	01923	XX					162 PPB
03	SV-02	7/23	1154	1234	-29.68	-2.91	SV	JKC	2.7L	2371	01801	XX					91 PPB
04	HA-07	7/23	1143	1256	-29.97	-9.96	SV	JKC	2.7L	5150	01015	XX					110 PPB
05	SV-01	7/23	1156	1318	-29.39	-24.54	SV	JKC	2.7L	3195	0374	XX					75 PPB
06	HA-06	7/23	750	854	-30.72	-5.30	SV	JKC	2.7L	307	0944	XX					190 PPB
07	SV-09	7/23	950	1028	-31.05	-3.87	SV	JKC	2.7L	552	01439	XX					81 PPB
08	SSV-01	7/23	1053	1123	-29.63	-7.33	SV	JKC	2.7L	3209	01749	XX					254 PPB
09	SSV-02	7/23	1053	1123	-30.68	-6.17	SV	JKC	2.7L	3448	01746	XX					254 PPB
10	HA-01	7/23	937	1056	-30.28	-3.70	SV	JKC	2.7L	145	0594	XX					89 PPB

### \*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type

CSCS

Refiniquished By: *[Signature]*  
 Date/Time: **7/26/21 12:57**  
*AAAL 7/26/21 12:57*  
*Callahan 7/26/21 20:00*

Received By: *[Signature]*  
 Date/Time: **7/26/21 12:57**  
*7/26/21 12:57*  
*7/26/21 14:30*

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.

7/26/21 20:44



# AIR ANALYSIS

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

PAGE 2 OF 2

Date Rec'd in Lab: 7/26/21

ALPHA Job #: L2140039

**Client Information**

Client: BEACON ENVIRONMENTAL  
 Address: PO Box 2154  
WINDHAM, ME 04092  
 Phone: (207) 376-5001  
 Fax: (207) 221-1354  
 Email: JCRASSEY@BEACONMAINE.COM

**Project Information**

Project Name: DAVIS MOTEL (ACCENT CLEANERS)  
 Project Location: FALMOUTH, ME  
 Project #: BE-365  
 Project Manager: CRESSEY  
 ALPHA Quote #: 15498

**Report Information - Data Deliverables**

FAX  
 ADEX  
 Criteria Checker:  
(Default based on Regulatory Criteria Inducement)  
 Other Formats:  
 EMAIL (standard pdf report)  
 Additional Deliverables:  
 Report to: (if different than Project Manager)

**Billing Information**

Same as Client info PO #: BE-365

**Turn-Around Time**

Standard  RUSH (only confirmed if pre-approved!)

Date Due: \_\_\_\_\_ Time: \_\_\_\_\_

These samples have been previously analyzed by Alpha  
 Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

**Regulatory Requirements/Report Limits**

State/Fed	Program	Res / Comm

**ANALYSIS**

TO-15  
 TO-15 SIM  
 APH (Without Non-petroleum HCs)  
 Fixed Gases  
 Sulfides & Mercaptans by TO-15

**All Columns Below Must Be Filled Out**

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												

11	SV-04	7/23	1150	1340	-30.13	-12.53	SV	JXC	2.7L363	01100		XX						194 PPB
12	SV-03	7/23	900	1000	-29.89	-14.32	SV	JXC	2.7L509	01100		XX						135 PPB

**\*SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type

CSCS

Relinquished By: [Signature] Date/Time: 7/26/21 12:57  
[Signature] 7/26/21 1751  
[Signature] 7/26/21 1930  
[Signature] 7/26/21 20:00

Received By: [Signature] Date/Time: 7/26/21 12:57  
[Signature] 7/26/21 1751  
[Signature] 7/26/21 1930

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.

7/26/21 2044

**APPENDIX C**

**DAVIS MOTEL (AKA ACCENT DRY CLEANERS)**

**2022 PHASE II ESA (February 10, 2022)**



**PHASE II ENVIRONMENTAL SITE ASSESSMENT  
DAVIS MOTEL (AKA ACCENT DRY CLEANING)  
211 US ROUTE 1  
FALMOUTH, MAINE**



**PREPARED FOR:**  
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION  
17 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

**PREPARED BY:**  
BEACON ENVIRONMENTAL CONSULTANTS, LLC  
PO BOX 2154  
WINDHAM, MAINE 04062  
February 10, 2022  
BE-365

***PO BOX 2154, WINDHAM, MAINE 04062  
Phone (207) 376-5001 / Fax (207) 221-1354  
[www.BeaconMaine.com](http://www.BeaconMaine.com)***



## **EXECUTIVE SUMMARY**

Beacon Environmental Consultants, LLC (Beacon) was retained by the Maine Department of Environmental Protection (MEDEP) to conduct a Phase II Environmental Site Assessment (ESA) at the former Davis Motel (aka Accent Dry Cleaning) Property located at 211 US Route 1 in the Town of Falmouth, Cumberland County, Maine. The purpose of the Phase II ESA was to investigate conditions at the property in order to identify and delineate areas of subsurface, groundwater, and soil vapor contamination.

Beacon completed a Phase II ESA on behalf of the MEDEP in November 2021 which included sampling soils, groundwater, soil vapor, subslab soil vapor and indoor air. Based on the sample results received, Beacon determined that there were exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There were exceedances to the current residential RAGs for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There was an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There was an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building.

Beacon recommended the following:

- Sub slab soil vapor and an indoor air sample should be collected from the Lazy Bones building;
- A review of the chemicals used within the Half Moon Décor building should be completed to determine if there is a source of within the building causing the elevated ambient air results; and
- The property manager should complete the Voluntary Response Action Program (VRAP) process as the MEDEP had recommended in 2017.

Beacon developed a Work Plan in December 2021 to support the Phase II ESA. On December 21, 2021, Beacon performed the following work as part of the DCI Investigation for the Site:

- Installed one (1) sub slab soil vapor points and collected one (1) sub slab soil vapor sample and a duplicate sample for laboratory analysis;
- Installed one (1) indoor air SUMMA canister and collected one (1) indoor air sample for laboratory analysis; and
- Installed three (3) soil gas sample points and collected three (3) soil vapor samples for laboratory analysis.

Additionally, Beacon was informed by the property manager that a 275-gallon heating oil above ground storage tank (AST) is still located within the Half Moon Décor building although the building utilizes natural gas as a heating source.

The sub slab soil vapor samples, indoor air sample, and soil vapor samples collected from the Site investigation were submitted to Alpha in Mansfield, Massachusetts for laboratory analysis of Air Petroleum ranges and compounds and VOCs.

The indoor air sample was either non-detect or below both the Residential and Commercial MEDEP RAGs.

Soil vapor and sub slab soil vapor samples were either non-detect or below both the Residential and Commercial MEDEP RAGs after the attenuation factor was applied.

Beacon recommends the following:

- The property manager should complete the VRAP process as the MEDEP had recommended in 2017; and
- The AST should be removed from the Half Moon Décor if it is no longer needed.

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Figure 1: Location Map

Figure 2: Sample Location Plan

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Appendix A: Photographs

Appendix B: Soil Vapor Sampling Field Sheets

Appendix C: Alpha Analytical Laboratory Reports

## 1.0 INTRODUCTION

This Phase II Environmental Site Assessment (ESA) was conducted, by Beacon Environmental Consultants, LLC (Beacon), for the Maine Department of Environmental Protection (MEDEP) under a grant from the United States Environmental Protection Agency (USEPA). The Conceptual Site Model (CSM) was created to address data gaps from previous environmental investigations completed on the property.

### 1.1 Purpose

Beacon was retained by the MEDEP to conduct this Phase II ESA to investigate conditions at the former Davis Motel (aka Accent Dry Cleaning) property (MEDEP #REMO1204) located at 211 US Route 1, Falmouth, Cumberland County, Maine in order to in order to further delineate potential impacts to soil gas.

### 1.2 Special Terms and Conditions

This report has been prepared for the exclusive use of the MEDEP and should not be reproduced or disseminated without the written approval of Beacon or the MEDEP. Beacon has retained a copy of this report. No additions or deletions are authorized without the written consent of Beacon. Use of this report in whole or in part by parties other than the Client or his/her authorized agent is prohibited.

### 1.3 Limitations and Exceptions of Assessment

Beacon did not identify limitations or exceptions in the development of this assessment.

## 2.0 BACKGROUND

### 2.1 Site Description and Features

The Site is approximately 2.0 acres, located at 211 US Route 1 in the Town of Falmouth. The Site is identified by the Town of Falmouth's Assessor's Office as Lot 35 on Tax Map U11.

The Site is located at 211 US Route 1 in a commercial area of Falmouth identified as the VC1 – Village Center 1 Zone. Three businesses with four structures built between 1939 and 1940 are located on the property. Two larger buildings are associated with the Falmouth Inn motel, whose address is listed as 209 US Route 1. A third building operates as a home décor and design studio called Half Moon Décor (211 US Route 1), while a fourth structure provides pet grooming services called Lazy Bones (213 US Route 1).

See **Figure 1** for a Site Location Map.

The area surrounding the site is primarily commercial usage.

### 2.2 Physical Setting

Based on a review of the Surficial Geologic Map of the Portland East Quadrangle, Maine Map (Alexa Bernotavicz, 1999), surficial soils at the Site are identified as soils of the Presumpscot Formation (Pp). The Presumpscot Formation soils are comprised of fine-grained, gray to bluish-gray silt and clay with minor sand that was deposited during the marine submergence of the coastal zone.

PHASE II ESA – DAVIS MOTEL (AKA ACCENT DRY CLEANING), FALMOUTH, MAINE

According to the Bedrock Geology of the Portland East Quadrangle Map (Arthur M. Hussey II, 2003), bedrock at the Site is composed of the Richmond Corner Formation, which consists of medium brownish gray quartz-plagioclase-biotite gneiss locally with almanditic garnet and sillimanite.

According to the Significant Sand & Gravel Aquifers of the Portland East Quadrangle, Maine Map (Craig D. Neil, 1999) the Site is not located within a significant sand and gravel aquifer.

### **2.3 Site History and Land Use**

The portion of the property being assessed has been used as a seafood restaurant, photography shop, pet grooming center, tanning salon, marine auto services building and now as a pet grooming center again.

### **2.4 Adjacent Property Land Use**

The Site is bounded to the north by Fundy Road, to the west by US Route 1 and to the east and south by commercial properties.

### **2.5 Summary of Previous Assessments**

#### ***Phase I ESA, conducted by F.M. Beck, Inc. dated February 17, 1994***

On February 17, 1994, F.M. Beck completed a Phase I ESA report for the Site, which identified the following RECs:

- DEP records from June and July 1980 indicate that four 4,000-gallon gasoline tanks and one 1,500-gallon waste oil tanks were removed. One of the gasoline tanks had a hole. It is possible that soil and groundwater contamination occurred.
- Also in 1980, one of the four underground home heating oil tanks was found to be leaking.

#### ***Phase II and Limited Phase III Environmental Site Assessment conducted by Sebago Technics, Inc. dated July 20, 1990***

In April 1994, Sebago Technics, Inc. (Sebago) conducted a subsurface investigation and underground storage tank removal in the vicinity of the Former Garage and the paved parking/driveway area in the southwestern portion of the Site.

During the investigation, four unregistered USTs were identified. Two were 500 gallons and two were 2,75-gallons in size. All four of these USTs were determined to have been heating oil USTs and all had leaked at some point in the past. An estimate of approximately 120 cubic yards of impacted soil was made by Sebago.

A recommendation to complete the soil removal and enter into the Voluntary Response Action Program (VRAP) program was made.

***VRAP Audit Letter – MEDEP, November 17, 2017***

According to this letter, “the Department has determined that the Site is currently not in compliance with the conditions required to receive liability protections under the VRAP”. A recommendation was made by the MEDEP to the property owner to complete the VRAP process by hiring an environmental consultant to perform additional investigations in connection to the past usages on the property to attempt to identify if impacts still remain on the property.

***Soil Vapor Screening – MEDEP, November 1, 2018.***

In June 2018, the MEDEP completed a Soil Vapor Screening survey adjacent to the assumed former dry cleaner on the property. Four soil gas samples were collected and submitted to Alpha for analysis of chlorinated volatile compounds.

PCE was detected in all four soil vapor samples collected. The MEDEP recommended a Phase I ESA, and possibly a Phase II ESA, be completed to adequately put these samples results into context with historical usage of the property.

***Phase I Environmental Site Assessment, prepared by Acorn Engineering, Inc., dated July 24, 2020.***

On July 24, 2020, Acorn Engineering, Inc. (acorn) completed a Phase I ESA report for the Site, which identified the following RECs:

1. The property may have been operated as a dry cleaner in the past and; therefore, may have impacts to soil, groundwater, and/or soil gas on the property.
2. An excavation to remove underground storage tanks (USTs) on the property may have left petroleum-impacted soil on the property. A letter from the MEDEP Voluntary Response Action Program (VRAP) requested an investigation to determine if this was the case.

Acorn recommended the following:

- Get permission to access the Site building;
- Complete an inventory of hazardous materials and/or chemicals stored in the Site building;
- Remove hazardous substances and petroleum products and properly dispose of them at an appropriate disposal facility;
- To more thoroughly assess the presence of areas of staining, stressed vegetation and corrosion Acorn also recommended another site reconnaissance of areas covered by snow and ice during the initial site reconnaissance; and
- Collect and analyze soil vapor, indoor and outdoor air, and soil and groundwater samples at representative locations (e.g., on-Site and off-Site) to determine if impacts from the potential release of chemicals associated with dry cleaning operations are present.

***Phase II Environmental Site Assessment, prepared by Beacon, dated November 10, 2021.***

Beacon developed a Work Plan in July 2021 to support the DCI Investigation. On July 23, 2021, Beacon performed the following work as part of the DCI Investigation for the Site:

- Advanced ten (10) soil borings utilizing a Geoprobe track-mounted rig and collected four (4) soil samples and a duplicate for laboratory analysis.
- Installed two (2) temporary monitoring wells and collected two (2) groundwater samples, and one duplicate, for laboratory analysis.
- Installed one (1) sub slab soil vapor point and collected one (1) sub slab soil vapor sample and a duplicate, for laboratory analysis.
- Installed nine (9) soil gas sample points and collected nine (9) soil vapor samples for laboratory analysis.
- Installed one (1) indoor air SUMMA canister and collected one (1) indoor ambient air sample.

Soil and groundwater samples collected from Site investigations were submitted to Alpha Analytical Laboratory (Alpha) in Westboro, Massachusetts for laboratory analysis of Volatile Petroleum Hydrocarbon (VPH) ranges, Volatile Organic Compounds (VOCs) and Extractible Petroleum Hydrocarbon (EPH) ranges and compounds.

The sub slab soil vapor samples, soil vapor samples, and the indoor air sample collected from the Site investigation were submitted to Alpha in Mansfield, Massachusetts for laboratory analysis of Air Petroleum ranges and compounds and VOCs.

There were exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There were exceedances to the current residential RAGs for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There was an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There was an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building.

Beacon recommended the following:

- Sub slab soil vapor and an indoor air sample should be collected from the Lazy Bones building;
- A review of the chemicals used within the Half Moon Décor building should be completed to determine if there is a source of within the building causing the elevated ambient air results; and
- The property manager should complete the VRAP process as the MEDEP had recommended in 2017.

### 3.0 Work Performed and Rationale

#### 3.1 Scope of Assessment

The Scope of this Phase II ESA was to attempt to delineate documented exceedances in soil gas and to determine if a threat to the indoor air within the Lazy Bones dog grooming building was impacted. See **Appendix A** for site photographs.

#### 3.2 Conceptual Site Model

##### Site Familiarity

Beacon completed a Phase II ESA in November 2021, which included sampling of soil, groundwater, soil vapor, sub slab soil vapor, and indoor air. Documented exceedances in soil vapor led to the development of the work plan to identify whether exceedances were present on the other three sides of and/or within the Lazy Bones building.

##### Sitewide Considerations

The property was formerly operated as a gasoline station and a marine auto service facility and potentially a dry cleaner. An MEDEP investigation determined that chlorinated compounds were present within soil gas around the structure. Petroleum compounds and volatile organic compounds (VOCs), are potential COCs in connection with the area and downgradient thereof in soil vapor.

SITE CONCEPTUAL MODEL SUMMARY	
POSSIBLE SOURCE AREAS	Site-wide Considerations
CONTAMINANTS OF CONCERN	Soil Gas <ul style="list-style-type: none"> <li>• Air Petroleum Hydrocarbons (APH)</li> <li>• VOCs</li> </ul>
POTENTIAL MEDIA AFFECTED	Soil Vapor
POTENTIAL EXPOSURE ROUTES	Exposure pathways for contamination in soil gas <ul style="list-style-type: none"> <li>• Inhalation of impacted soil gas</li> </ul>
POTENTIAL MIGRATION PATHWAYS	Migration pathways for contaminants: <ul style="list-style-type: none"> <li>• Vapor transport (if impacted).</li> </ul>
RECEPTORS	For soil vapor, potential receptors include future site occupants, if impacted soil gas is discovered.

#### 3.3 Deviations from Sampling Plan

No deviations from the sampling plan were made.

#### 3.4 Exploration, Sampling, and Test Screening Methods

Prior to initiating intrusive activities, Beacon personnel contacted DIGSAFE of Maine (DIGSAFE) to determine the location of public underground utilities on-site in the work area.

##### Sub Slab Soil Vapor Sampling

Beacon utilized a hammer drill to penetrate the concrete slab within the dog grooming area of the Lazy Bones building. Beacon then inserted ¼” Teflon tubing and the hole was



sealed with modeling clay. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected two 2.7-liter SUMMA canisters connected by a splitter to two 30-minute flow controller. See **Appendix C** for soil vapor sampling sheets.

Sub slab soil vapor was sampled from SSV-01 with a duplicate labeled SSV-02 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

#### Indoor Air Sampling

Beacon deployed one (1) 6-liter ambient air canister with a 24-hour flow controller in the Lazy Bones building next to the office area on a storage shelf. Utilizing a MiniRae PPB Photoionization detector (PID), Beacon collected ambient air readings prior to sampling. A copy of the air sampling field sheet is included as **Attachment C**. The following day, the canister was retrieved and submitted to Alpha for analysis of APH and VOCs by TO-15.

#### Soil Vapor Sampling

Soil vapor samples were collected using a pore water sampler inserted into the ground. Beacon then connected ¼" Teflon tubing and the tooling was sealed with bentonite at the top and at the ground surface. Sample depths were as follows: SV-101 (2'), SV-102 (2'), and SV-103 (2'). Beacon then inserted ¼" Teflon tubing and the tooling was sealed with bentonite at the top and at the ground surface. Prior to connect the tubing, ambient samples were collected in the area of the SUMMA canister using an Eagle Four Gas Meter and a MiniRae PPB PID. Once this tubing was connected, Beacon took PID readings using a MiniRae PPB PID and oxygen, carbon dioxide, and lower explosive limit (LEL) readings with an Eagle Four-Gas Meter to evaluate whether the seal was effectively isolating ambient air from sub-slab vapor. Beacon then connected one 2.7-liter SUMMA canister with a 30-minute flow controller at the location. See **Appendix C** for soil vapor sampling sheets.

Subslab soil vapor was sampled from, SV-101, SV-102, and SV-103 and submitted them to Alpha of Mansfield, Massachusetts for analysis of APH and VOCs by TO-15.

## 4.0 PRESENTATION AND EVALUATION OF RESULTS

### 4.1 Subsurface Conditions

Subsurface conditions on the property were identified during the Phase II ESA completed in November 2021 were identified as sand and gravel fill to a depth of ~2 feet BGS where glaciomarine silty-clay was encountered. A transition from silty-clay to marine clay was observed at an approximate depth of 15' BGS to boring completion.

### 4.2 Analytical Results

#### Sub Slab Soil Vapor

Sample results from the sub slab soil vapor location and its duplicate from the Lazy Bones building reported concentrations for VOCs and petroleum hydrocarbons. The samples

were a sub slab soil vapor sample, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this attenuation factor to the reported results, the results were below the guidance concentrations for Residential and Commercial Scenarios. See **Table 1** for soil vapor analytical results and **Appendix C** for analytical reports.

#### Soil Vapor

Sample results from the all of the soil vapor locations reported concentrations for VOCs and petroleum hydrocarbons. The samples were soil vapor samples, therefore; the MEDEP Indoor Air Remedial Action Guidelines (RAGs) are not directly comparable. As such, the MEDEP has approved guidance to divide the MERAGs by 0.03 before comparing the results to the RAGs. Applying this attenuation factor to the reported results, the samples had detected concentrations below the RAGs for both Residential and Commercial scenarios. See **Table 1** for soil vapor analytical results and **Appendix C** for analytical reports.

#### Indoor Air

The indoor air sample collected from within the Lazy Bones building has detections for VOCs and petroleum compounds; however, they were below both guideline scenarios. See **Table 2** for analytical results and **Attachment C** for a copy of the analytical report.

## 5.0 INTERPRETATION AND CONCLUSIONS

### 5.1 Recognized Environmental Condition/Potential Release Area

Impacts were not observed on the property above applicable MEDEP Residential or Commercial RAGs for soil vapor, indoor air, or sub slab soil vapor.

### 5.2 Conceptual Model Validation/Adequacy of Investigations

Soil vapor impacts were identified on the property in laboratory samples. The CSM was validated by these results. However, the results were below the applicable residential and commercial RAGs. This validated the CSM as the impacts documented in the Phase II ESA in October 2021 do not extend to off-site receptors.

### 5.3 Absence, Presence, Degree, Extent of Target Analytes

Detections of petroleum and volatile organic compounds were found in the sub slab soil vapor and soil vapor samples. The results from the soil vapor and subslab samples were below the MEDEP attenuation factor for Indoor Air in Residential and Commercial scenarios.

Detections of petroleum and volatile organic compounds were found in the indoor air sample collected within the Lazy Bones building. The results were below the MEDEP Indoor Air in Residential and Commercial scenarios.

### 5.4 Additional Work Performed

Beacon was informed by the property manager that a 275-gallon heating oil AST is still present in the Home Décor building although the building is connected to natural gas as a heating source. This AST may be the cause of the elevated petroleum compounds

observed in the indoor air sample that was collected during the Phase II ESA completed in November 2021.

### 5.5 Quality Control

The sub slab soil vapor duplicate had multiple RPDs above 30%. The higher of the two sample results was used in comparing to RAGs to ensure the most conservative analysis was made.

The laboratory reported the following Quality Assurance and/or Quality Control (QA/QC) issues:

#### Lab Report L2170728:

Petroleum Hydrocarbons in Air L2170728-01 through -06: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

Based on our review, the data is determined to be acceptable and we believe MEDEP can rely on this data to make decisions.

### 5.6 Conclusions

Based on information from the Phase II ESA completed in November 2021, there were exceedances to the current residential RAGs for benzo(a)pyrene in soil adjacent to the northwestern corner of the Half Moon Décor building. There were exceedances to the current residential RAGs for groundwater for benzene, ethylbenzene, C9-C10 aromatics, C9-C12 aliphatics, 2-Methylnaphthalene, C9-C18 aliphatics, benzo(a)anthracene, and benzo(a)pyrene and above the current residential and commercial RAGs for naphthalene, and C5-C8 aliphatics. There was an exceedance above the current residential and commercial RAGs for 1,3-butadiene in soil gas adjacent to the Lazy Bones building. There was an exceedance above the current residential RAG for 1,2-dichloroethane and above the current residential and commercial RAGs for C5-C8 aliphatics and C9-C12 aliphatics in indoor air within the Half Moon Décor building. It should be noted that the corresponding subsample, and its duplicate, were not elevated for these APH ranges potentially indicating a source within the building itself. During this assessment, Beacon was informed that a former 275-gallon heating oil AST is still present within the Half Moon Décor building even though the building is connected to natural gas as a heat source.

This assessment did not identify that these exceedances have affected the soil gas beneath or within the Lazy Bones building.

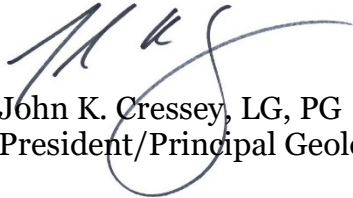
## 6.0 Recommendations

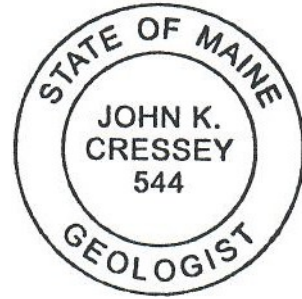
Beacon recommends the following:

- The property manager should complete the VRAP process as the MEDEP had recommended in 2017; and
- The AST should be removed from the Half Moon Décor if it is no longer needed.

## 7.0 Signature

**BEACON ENVIRONMENTAL CONSULTANTS, LLC**

  
John K. Cressey, LG, PG  
President/Principal Geologist



## **TABLES**

**TABLE 1 - SOIL VAPOR AND SUB SLAB SOIL VAPOR SAMPLE RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID						SV-101		SV-102		SV-103		SSV-101		SSV-102	
SAMPLING DATE						21-DEC-21		21-DEC-21		21-DEC-21		21-DEC-21		21-DEC-21	
LAB SAMPLE ID						L2170728-01		L2170728-02		L2170728-03		L2170728-04		L2170728-05	
	RES	RES/o.03	COMM	COMM/o.03	Units		Qual		Qual		Qual		Qual		Qual
<b>Volatile Organics in Air by SIM</b>															
1,1,1-Trichloroethane	5200	173333	22000	733333	ug/m3	0.109	U	0.109	U	0.109	U	0.109	U	0.186	
1,1,2,2-Tetrachloroethane	0.48	16	2.1	70	ug/m3	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	173333	22000	733333	ug/m3	0.498		0.552		0.506		0.544		0.56	
1,1,2-Trichloroethane	0.21	7	0.88	29	ug/m3	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
1,1-Dichloroethane	18	600	77	2567	ug/m3	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
1,1-Dichloroethene	210	7000	880	29333	ug/m3	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	2.1	70	8.8	293	ug/m3	0.371	U	0.371	U	0.371	U	0.371	U	0.371	U
1,2,4-Trimethylbenzene	63	2100	260	8667	ug/m3	0.398		0.516		1.24		0.177		3.95	
1,2-Dibromoethane	0.047	1.57	0.2	6.67	ug/m3	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane					ug/m3	0.349	U	0.349	U	0.349	U	0.349	U	0.349	U
1,2-Dichlorobenzene	210	7000	880	29333	ug/m3	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	1.1	36.7	4.7	157	ug/m3	0.081	U	0.081	U	0.081	U	0.081	U	0.117	
1,2-Dichloroethene (total)					ug/m3	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
1,2-Dichloropropane	4.2	140	18	600	ug/m3	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
1,3,5-Trimethylbenzene	63	2100	260	8667	ug/m3	0.103		0.118		0.31		0.098	U	3.17	
1,3-Butadiene	0.94	31.3	4.1	137	ug/m3	0.704		0.064		1.14		0.066		0.427	
1,3-Dichlorobenzene					ug/m3	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,3-Dichloropropene, Total	7	233	31	1033	ug/m3	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
1,4-Dichlorobenzene	2.6	86.7	11	367	ug/m3	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,4-Dioxane	5.6	187	25	833	ug/m3	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
2,2,4-Trimethylpentane					ug/m3	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U
2-Butanone	5200	173333	22000	733333	ug/m3	4.69		1.73		6.72		1.47	U	8.52	
2-Hexanone	31	1033	130	4333	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
3-Chloropropene	1	33.3	4.4	147	ug/m3	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
4-Ethyltoluene					ug/m3	0.098	U	0.128		0.28		0.098	U	1.13	
4-Methyl-2-pentanone	3100	103333	13000	433333	ug/m3	2.05	U	2.05	U	2.05	U	2.05	U	2.55	
Acetone	32000	1066667	140000	4666667	ug/m3	29.7		15		40.4		14.3		234	
Benzene	3.6	120	16	533	ug/m3	0.805		0.802		1.87		0.559		3.58	
Benzyl chloride	0.57	19	2.5	83.3	ug/m3	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane	0.76	25.3	3.3	110	ug/m3	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
Bromoform	26	867	110	3667	ug/m3	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U
Bromomethane	5.2	173.3	22	733	ug/m3	0.078	U	0.078	U	0.078	U	0.078	U	0.078	U
Carbon disulfide	730	24333	3100	103333	ug/m3	0.623	U	0.623	U	0.623	U	0.623	U	48	
Carbon tetrachloride	4.7	156.7	20	667	ug/m3	0.176		0.126	U	0.39		0.447		0.421	
Chlorobenzene	52	1733	220	7333	ug/m3	0.461	U	0.461	U	0.461	U	0.461	U	0.461	U
Chloroethane	10000	333333	44000	1466667	ug/m3	0.264	U	0.264	U	0.264	U	0.264	U	0.264	U
Chloroform	1.2	40	5.3	176.7	ug/m3	0.44		0.313		0.205		0.19		0.244	
Chloromethane	94	3133	390	13000	ug/m3	0.413	U	0.902		1.05		1.11		1.17	
cis-1,2-Dichloroethene	830	27667	3500	116667	ug/m3	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,3-Dichloropropene					ug/m3	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
Cyclohexane	6300	210000	26000	866667	ug/m3	0.688	U	0.688	U	0.881		0.688	U	0.688	U
Dibromochloromethane					ug/m3	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dichlorodifluoromethane	100	3333	440	14667	ug/m3	2.5		2.45		2.58		2.62		2.65	
Ethyl Acetate					ug/m3	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Ethyl Alcohol					ug/m3	80.6		62.9		35.2		27.1		26.8	
Ethylbenzene	11	367	49	1633	ug/m3	0.469		0.76		1.23		0.182		2.73	

**TABLE 1 - SOIL VAPOR AND SUB SLAB SOIL VAPOR SAMPLE RESULTS  
DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

<b>Heptane</b>					ug/m3	1.07		0.82	U	2.26		0.82	U	1.57	
<b>Hexachlorobutadiene</b>	1.3	43.3	5.6	187	ug/m3	0.533	U	0.533	U	0.533	U	0.533	U	0.533	U
<b>iso-Propyl Alcohol</b>	210	7000	880	29333	ug/m3	2.78		1.72		1.55		7.74		12.3	
<b>Methyl tert butyl ether</b>	110	3667	470	15667	ug/m3	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
<b>Methylene chloride</b>	630	21000	2600	86667	ug/m3	1.74	U	1.74	U	1.74	U	1.74	U	2.84	
<b>n-Hexane</b>	730	24333	3100	103333	ug/m3	2.27		1.5		3.81		0.705	U	0.994	
<b>Naphthalene</b>	0.83	27.7	3.6	120	ug/m3	0.262	U	0.262	U	0.262	U	0.262	U	4.21	
<b>Propylene</b>					ug/m3	4.97		0.861	U	8.19		0.861	U	2.91	
<b>Styrene</b>	1000	33333	4400	146667	ug/m3	0.102		0.085	U	0.162		0.085	U	1.15	
<b>Tetrachloroethene</b>	42	1400	180	6000	ug/m3	0.17		0.21		0.136	U	0.163		0.665	
<b>Tetrahydrofuran</b>	2100	70000	8800	293333	ug/m3	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
<b>Toluene</b>	5200	173333	22000	733333	ug/m3	2.71		4.15		5.35		0.987		82.5	
<b>trans-1,2-Dichloroethene</b>	42	1400	180	6000	ug/m3	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
<b>trans-1,3-Dichloropropene</b>					ug/m3	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
<b>Trichloroethene</b>	2.1	70	8.8	293	ug/m3	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U
<b>Trichlorofluoromethane</b>					ug/m3	1.24		1.3		1.31		1.35		1.35	
<b>Vinyl acetate</b>	210	7000	880	29333	ug/m3	3.52	U	3.52	U	3.52	U	3.52	U	3.52	U
<b>Vinyl bromide</b>	1.9	63.3	8.2	273	ug/m3	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
<b>Vinyl chloride</b>	1.7	56.7	28	933	ug/m3	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
<b>Xylene (Total)</b>	100	3333	440	14667	ug/m3	1.69		3.34		5.86		0.782		9.3	
<b>Petroleum Hydrocarbons in Air</b>															
<b>1,3-Butadiene</b>	0.94	31.3	4.1	137	ug/m3	0.52		0.5	U	0.87		0.5	U	0.5	U
<b>Benzene</b>	3.6	120	16	533	ug/m3	0.72		0.73		1.7		0.6	U	3.3	
<b>C5-C8 Aliphatics, Adjusted</b>	210	7000	880	29333	ug/m3	31		23		54		10	U	180	
<b>C9-C10 Aromatics Total</b>	52	1733	220	7333	ug/m3	10	U	10	U	10	U	10	U	30	
<b>C9-C12 Aliphatics, Adjusted</b>	210	7000	880	29333	ug/m3	12		10	U	14		32		1000	
<b>Ethylbenzene</b>	11	367	49	1633	ug/m3	0.9	U	0.9	U	1.4		0.9	U	2.9	
<b>Methyl tert butyl ether</b>	110	3667	470	15667	ug/m3	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
<b>Naphthalene</b>	0.83	27.7	3.6	120	ug/m3	1.1	U	1.1	U	1.1	U	1.1	U	4.7	
<b>Toluene</b>	5200	173333	22000	733333	ug/m3	2.9		4.5		5.7		1		87	
<b>Xylene, Total</b>	100	3333	440	14667	ug/m3	1.2		3.6		6.2		0.9	U	9.7	

**Notes:**

Sample results compared to MEDEP RAGs for Indoor Air Residential (RES) and Commercial (COMM) Scenarios

RES/0.03 and COM/0.03 = Guidelines after Attenuation Factor Used

ug/m3 = micrograms per cubic meter

U = Not Detected Above the Laboratory Detection Limit

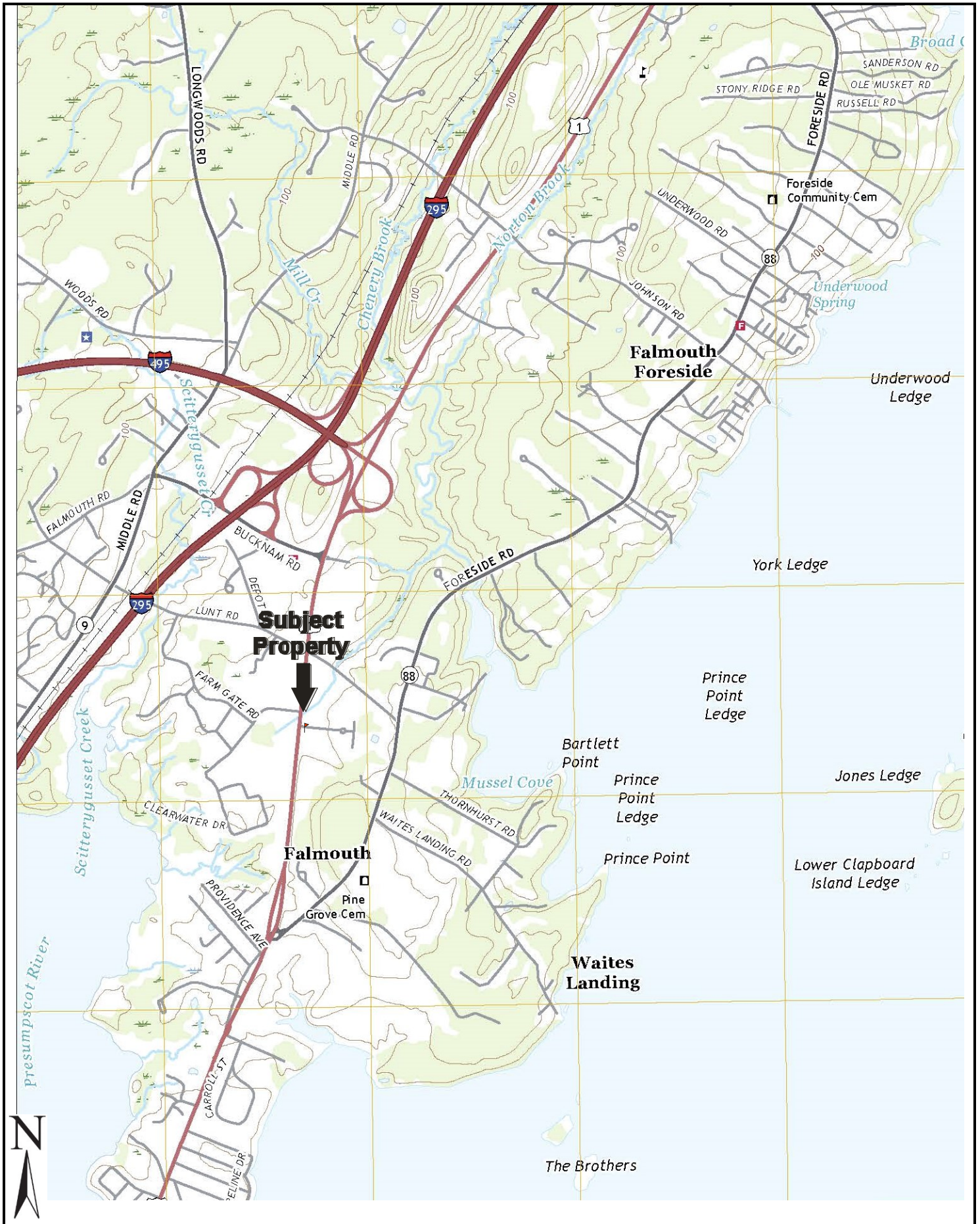
SSV-102 is a duplicate of SSV-101

**TABLE 2 - INDOOR AIR SAMPLE RESULTS**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**

CLIENT SAMPLE ID				IA-101	
SAMPLING DATE				22-DEC-21	
LAB SAMPLE ID				L2170728-06	
	RES	COMM	Units		Qual
<b>Volatile Organics in Air by SIM</b>					
1,1,1-Trichloroethane	5200	22000	ug/m3	0.109	U
1,1,2,2-Tetrachloroethane	0.48	2.1	ug/m3	0.137	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5200	22000	ug/m3	0.56	
1,1,2-Trichloroethane	0.21	0.88	ug/m3	0.109	U
1,1-Dichloroethane	18	77	ug/m3	0.081	U
1,1-Dichloroethene	210	880	ug/m3	0.079	U
1,2,4-Trichlorobenzene	2.1	8.8	ug/m3	0.371	U
1,2,4-Trimethylbenzene	63	260	ug/m3	0.098	U
1,2-Dibromoethane	0.047	0.2	ug/m3	0.154	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane			ug/m3	0.349	U
1,2-Dichlorobenzene	210	880	ug/m3	0.12	U
1,2-Dichloroethane	1.1	4.7	ug/m3	0.081	U
1,2-Dichloroethene (total)			ug/m3	0.079	U
1,2-Dichloropropane	4.2	18	ug/m3	0.092	U
1,3,5-Trimethylbenzene	63	260	ug/m3	0.098	U
1,3-Butadiene	0.94	4.1	ug/m3	0.091	
1,3-Dichlorobenzene			ug/m3	0.12	U
1,3-Dichloropropene, Total	7	31	ug/m3	0.091	U
1,4-Dichlorobenzene	2.6	11	ug/m3	0.12	U
1,4-Dioxane	5.6	25	ug/m3	0.36	U
2,2,4-Trimethylpentane			ug/m3	0.934	U
2-Butanone	5200	22000	ug/m3	1.47	U
2-Hexanone	31	130	ug/m3	0.82	U
3-Chloropropene	1	4.4	ug/m3	0.626	U
4-Ethyltoluene			ug/m3	0.098	U
4-Methyl-2-pentanone	3100	13000	ug/m3	2.05	U
Acetone	32000	140000	ug/m3	17.2	
Benzene	3.6	16	ug/m3	0.687	
Benzyl chloride	0.57	2.5	ug/m3	1.04	U
Bromodichloromethane	0.76	3.3	ug/m3	0.134	U
Bromoform	26	110	ug/m3	0.207	U
Bromomethane	5.2	22	ug/m3	0.078	U
Carbon disulfide	730	3100	ug/m3	0.623	U
Carbon tetrachloride	4.7	20	ug/m3	0.465	
Chlorobenzene	52	220	ug/m3	0.461	U
Chloroethane	10000	44000	ug/m3	0.264	U
Chloroform	1.2	5.3	ug/m3	0.405	
Chloromethane	94	390	ug/m3	1.09	
cis-1,2-Dichloroethene	830	3500	ug/m3	0.079	U
cis-1,3-Dichloropropene			ug/m3	0.091	U
Cyclohexane	6300	26000	ug/m3	0.688	U
Dibromochloromethane			ug/m3	0.17	U
Dichlorodifluoromethane	100	440	ug/m3	2.73	
Ethyl Acetate			ug/m3	1.8	U
Ethyl Alcohol			ug/m3	71.8	
Ethylbenzene	11	49	ug/m3	0.174	
Heptane			ug/m3	0.82	U
Hexachlorobutadiene	1.3	5.6	ug/m3	0.533	U
iso-Propyl Alcohol	210	880	ug/m3	12.9	
Methyl tert butyl ether	110	470	ug/m3	0.721	U
Methylene chloride	630	2600	ug/m3	1.74	U
n-Hexane	730	3100	ug/m3	0.705	U
Naphthalene	0.83	3.6	ug/m3	0.262	U
Propylene			ug/m3	1.79	
Styrene	1000	4400	ug/m3	0.085	U
Tetrachloroethene	42	180	ug/m3	0.136	U
Tetrahydrofuran	2100	8800	ug/m3	1.47	U
Toluene	5200	22000	ug/m3	0.739	
trans-1,2-Dichloroethene	42	180	ug/m3	0.079	U
trans-1,3-Dichloropropene			ug/m3	0.091	U
Trichloroethene	2.1	8.8	ug/m3	0.107	U
Trichlorofluoromethane			ug/m3	1.44	
Vinyl acetate	210	880	ug/m3	3.52	U
Vinyl bromide	1.9	8.2	ug/m3	0.874	U
Vinyl chloride	1.7	28	ug/m3	0.051	U
Xylene (Total)	100	440	ug/m3	0.699	
<b>Petroleum Hydrocarbons in Air</b>					
1,3-Butadiene	0.94	4.1	ug/m3	0.5	U
Benzene	3.6	16	ug/m3	0.63	
C5-C8 Aliphatics, Adjusted	210	880	ug/m3	10	U
C9-C10 Aromatics Total	52	220	ug/m3	10	U
C9-C12 Aliphatics, Adjusted	210	880	ug/m3	37	
Ethylbenzene	11	49	ug/m3	0.9	U
Methyl tert butyl ether	110	470	ug/m3	0.7	U
Naphthalene	0.83	3.6	ug/m3	1.1	U
Toluene	5200	22000	ug/m3	0.9	U
Xylene (Total)	100	440	ug/m3	0.9	U
<b>Notes:</b>					
Sample Results Comparison with Maine RAGs for Indoor Air in Residential (RES) and Commercial (COM) Scenarios.					
ug/m3 = micrograms per cubic meter					
U = Not detected above laboratory detection limit					



## FIGURES



**FIGURE 1 – SITE LOCATION MAP**  
**Project No. BE-365**

Drawing Not To Scale





- BORING or AUGER/SOIL VAPOR
- BORING/WELL/SOIL VAPOR
- HAND AUGER
- INDOOR AIR SAMPLE
- SUB SLAB SOIL VAPOR
- SOIL BORING

**FIGURE 2: SAMPLE LOCATION PLAN**  
**DAVIS MOTEL (AKA ACCENT CLEANERS), 211 US ROUTE 1, FALMOUTH, MAINE**  
 Project No.: BE-365

**APPENDIX A**  
**SITE PHOTOGRAPHS**



**Photo No. 1**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
December 21, 2021

**Description:**  
SV-101 to the east of the  
Lazy Bones building.

**Photo By:** JKC



**Photo No. 2**

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
December 21 2021

**Description:**  
SV-102 to the south of the  
Lazy Bones building.

**Photo By:** JKC



**Photo No.** 3

**Site Location:**  
211 US Route 1  
Falmouth, Maine

**Photo Date:**  
December 21, 2021

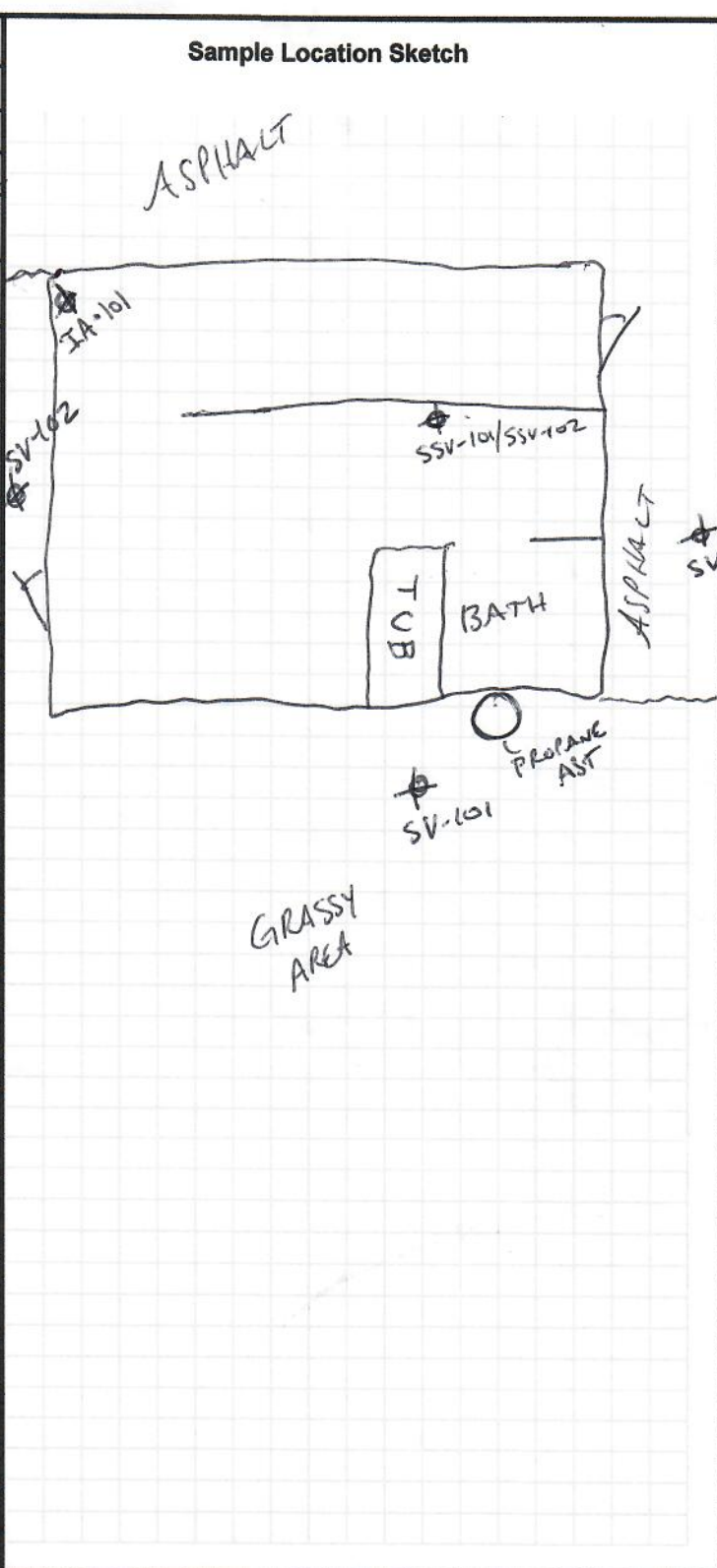
**Description:**  
SV-103 to the north of the  
Lazy Bones building.

**Photo By:** JKC

**APPENDIX B**  
**SOIL VAPOR SAMPLING SHEETS**

**Indoor Air Sampling Field Sheet  
Maine DEP**

Site Name:	DAVIS MOTEL
Town:	FALMOUTH
Date:	12/21/2021
Sample I.D.:	SSV-101/SSV-102
Project Manager:	KEEN
Sampling Personnel:	JKC
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Type:	(Subslab) (Indoor Air)
Sampling Location:	LAZY BONES
Foundation Floor Type:	(Dirt) (Concrete)
Foundation Wall Type:	(Concrete) (Block) (Stone) (Brick) (Slab on Grade)
Sump Hole:	(Yes) (No)
Penetrations in Floor:	(Sewer) (Water) (Gas) (Cracks) (Drains)
Penetrations in Wall:	(Sewer) (Water) (Gas) (Electric) (Cracks)
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	543 / 3198
Flow Control I.D.:	01100 / 01947
Flow control rate:	72 mL/min
PID Reading	2.3 PPM
AMBIENT O <sub>2</sub>	20.9%
AMBIENT CO <sub>2</sub>	120 PPM
Sample Initiation Time:	735
Initial Vacuum:	-29.85 / -29.85
INITIAL O <sub>2</sub>	18.5%
INITIAL CO <sub>2</sub>	3000 PPM
Sample End Time:	810
Final Vacuum:	-5.93 / -6.32



Notes/Observations:





Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVIS MOTEL
Town:	FALMOUTH
Date:	12/21/2021
Sample I.D.:	SV-102
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)
Sampling Personnel:	JKC
Project Manager	KEEN
Collection Device:	(Summa Can) (Tedlar Bag)
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	2'
Depth to Water:	3'
Suspected COCs:	(Petroleum) (Solvents)
Canister I.D.:	3421
Flow Control I.D.:	0732
Flow control rate:	72 mL/min
O <sub>2</sub> Ambient	20.9%
CO <sub>2</sub> Ambient	0 PPM
subsurface pressure/vacuum	(+/- inches of water column)
Pre-Sample O <sub>2</sub>	19.2%
Pre-Sample CO <sub>2</sub>	3300 PPM
Pre-Sample PID:	32 PPB
Pre-Sample CH <sub>4</sub> :	2 (% Volume, %LEL, PPM)
Sample Initiation Time:	723
Initial Vacuum:	-30.39
Sample End Time:	755
Final Vacuum:	-5.93
Post Sample O <sub>2</sub>	19.2%
Post Sample CO <sub>2</sub> :	3300 PPM
Post Sample PID	32 PPB

Sample Location Sketch

SEE SSV-101

Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.

Soil Gas/Subslab Soil Gas Sampling Field Sheet

Site Name:	DAVES MOTEL	<p><b>Sample Location Sketch</b></p> <p>SEE SSR-101</p>
Town:	FALMOUTH	
Date:	12/21/2021	
Sample I.D.:	SV-103	
Sampling Purpose	(Source) (Utility) (Mitigation) (Receptor) (Other)	
Sampling Personnel:	JKC	
Project Manager	KEEN	
Collection Device:	(Summa Can) (Tedlar Bag)	
Sample Penetration Location:	(Asphalt) (Concrete) (Soil)	
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)	
Sample Depth:	2'	
Depth to Water:	3'	
Suspected COCs:	(Petroleum) (Solvents)	
Canister I.D.:	208	
Flow Control I.D.:	01082	
Flow control rate:	72 mL/min	
O <sub>2</sub> Ambient	20.9%	
CO <sub>2</sub> Ambient	0 PPM	
subsurface pressure/vacuum	(+/- inches of water column)	
Pre-Sample O <sub>2</sub>	19.1%	
Pre-Sample CO <sub>2</sub> :	>5000 PPM	
Pre-Sample PID:	21 PPB	
Pre-Sample CH <sub>4</sub> :	(% Volume, %LEL, PPM)	
Sample Initiation Time:	745	
Initial Vacuum:	<del>29.5</del> -30.41	
Sample End Time:	814	
Final Vacuum:	<del>29.5</del> -5.53	
Post Sample O <sub>2</sub> :	19.1%	
Post Sample CO <sub>2</sub> :	>5000 PPM	
Post Sample PID	21 PPB	
Notes/Observations: If subslab sample collected and no indoor air samples collect: note foundation type, slab type, floor penetrations, and wall penetrations. If subslab sample and indoor air sample collected, note co-located indoor air sample ID.		



**APPENDIX C**

**ALPHA ANALYTICAL LABORATORY REPORTS**



## ANALYTICAL REPORT

Lab Number:	L2170728
Client:	Beacon Environmental Consultants, LLC 33 Hawthorne Drive P.O. Box 2154 Windham, ME 04062
ATTN:	John Cressey
Phone:	(207) 376-5001
Project Name:	DAVIS MOTEL
Project Number:	BE-365
Report Date:	01/07/22

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-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2170728-01	SV-101	SOIL_VAPOR	FALMOUTH, ME	12/21/21 07:50	12/22/21
L2170728-02	SV-102	SOIL_VAPOR	FALMOUTH, ME	12/21/21 07:55	12/22/21
L2170728-03	SV-103	SOIL_VAPOR	FALMOUTH, ME	12/21/21 08:14	12/22/21
L2170728-04	SSV-101	SOIL_VAPOR	FALMOUTH, ME	12/21/21 08:10	12/22/21
L2170728-05	SSV-102	SOIL_VAPOR	FALMOUTH, ME	12/21/21 08:10	12/22/21
L2170728-06	IA-101	AIR	FALMOUTH, ME	12/22/21 08:50	12/22/21

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

### Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

**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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

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**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on December 20, 2021. The canister certification results are provided as an addendum.

#### Petroleum Hydrocarbons in Air

L2170728-01 through -06: All significant concentrations of non-petroleum VOCs detected in the TO-15 analysis were subtracted from the corresponding hydrocarbon ranges.

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: 01/07/22

**AIR**

**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-01  
 Client ID: SV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 02:19  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	2.89	0.500	--	4.97	0.861	--		1
Dichlorodifluoromethane	0.506	0.200	--	2.50	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.318	0.020	--	0.704	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	42.8	5.00	--	80.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.5	1.00	--	29.7	2.38	--		1
Trichlorofluoromethane	0.220	0.050	--	1.24	0.281	--		1
iso-Propyl Alcohol	1.13	0.500	--	2.78	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.065	0.050	--	0.498	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-01  
 Client ID: SV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	1.59	0.500	--	4.69	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.090	0.020	--	0.440	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.643	0.200	--	2.27	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.252	0.100	--	0.805	0.319	--		1
Carbon tetrachloride	0.028	0.020	--	0.176	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.260	0.200	--	1.07	0.820	--		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	0.719	0.100	--	2.71	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-01  
 Client ID: SV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.025	0.020	--	0.170	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.108	0.020	--	0.469	0.087	--		1
p/m-Xylene	0.271	0.040	--	1.18	0.174	--		1
Xylene (Total)	0.390	0.020	--	1.69	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.024	0.020	--	0.102	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.119	0.020	--	0.517	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	0.021	0.020	--	0.103	0.098	--		1
1,2,4-Trimethylbenzene	0.081	0.020	--	0.398	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	101		60-140



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-02  
 Client ID: SV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:55  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 04:19  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.496	0.200	--	2.45	0.989	--		1
Chloromethane	0.437	0.200	--	0.902	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.029	0.020	--	0.064	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	33.4	5.00	--	62.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.30	1.00	--	15.0	2.38	--		1
Trichlorofluoromethane	0.232	0.050	--	1.30	0.281	--		1
iso-Propyl Alcohol	0.700	0.500	--	1.72	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.072	0.050	--	0.552	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-02  
 Client ID: SV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:55  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	0.586	0.500	--	1.73	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.064	0.020	--	0.313	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.426	0.200	--	1.50	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.251	0.100	--	0.802	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	1.10	0.100	--	4.15	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-02  
 Client ID: SV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:55  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.175	0.020	--	0.760	0.087	--		1
p/m-Xylene	0.554	0.040	--	2.41	0.174	--		1
Xylene (Total)	0.769	0.020	--	3.34	0.087	--		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	0.215	0.020	--	0.934	0.087	--		1
4-Ethyltoluene	0.026	0.020	--	0.128	0.098	--		1
1,3,5-Trimethylbenzene	0.024	0.020	--	0.118	0.098	--		1
1,2,4-Trimethylbenzene	0.105	0.020	--	0.516	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140





**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-03  
 Client ID: SV-103  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:14  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 05:00  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	4.76	0.500	--	8.19	0.861	--		1
Dichlorodifluoromethane	0.522	0.200	--	2.58	0.989	--		1
Chloromethane	0.507	0.200	--	1.05	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.515	0.020	--	1.14	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	18.7	5.00	--	35.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.0	1.00	--	40.4	2.38	--		1
Trichlorofluoromethane	0.234	0.050	--	1.31	0.281	--		1
iso-Propyl Alcohol	0.629	0.500	--	1.55	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.066	0.050	--	0.506	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-03  
 Client ID: SV-103  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:14  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	2.28	0.500	--	6.72	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.042	0.020	--	0.205	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	1.08	0.200	--	3.81	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.586	0.100	--	1.87	0.319	--		1
Carbon tetrachloride	0.062	0.020	--	0.390	0.126	--		1
Cyclohexane	0.256	0.200	--	0.881	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.552	0.200	--	2.26	0.820	--		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	1.42	0.100	--	5.35	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-03  
 Client ID: SV-103  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:14  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.283	0.020	--	1.23	0.087	--		1
p/m-Xylene	0.967	0.040	--	4.20	0.174	--		1
Xylene (Total)	1.35	0.020	--	5.86	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.038	0.020	--	0.162	0.085	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.387	0.020	--	1.68	0.087	--		1
4-Ethyltoluene	0.057	0.020	--	0.280	0.098	--		1
1,3,5-Trimethylbenzene	0.063	0.020	--	0.310	0.098	--		1
1,2,4-Trimethylbenzene	0.253	0.020	--	1.24	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-04  
 Client ID: SSV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 05:42  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.529	0.200	--	2.62	0.989	--		1
Chloromethane	0.537	0.200	--	1.11	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.030	0.020	--	0.066	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	14.4	5.00	--	27.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.00	1.00	--	14.3	2.38	--		1
Trichlorofluoromethane	0.240	0.050	--	1.35	0.281	--		1
iso-Propyl Alcohol	3.15	0.500	--	7.74	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.071	0.050	--	0.544	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-04  
 Client ID: SSV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.039	0.020	--	0.190	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.020	0.020	--	0.081	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.175	0.100	--	0.559	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	0.262	0.100	--	0.987	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-04  
 Client ID: SSV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.024	0.020	--	0.163	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.042	0.020	--	0.182	0.087	--		1
p/m-Xylene	0.133	0.040	--	0.578	0.174	--		1
Xylene (Total)	0.180	0.020	--	0.782	0.087	--		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	0.047	0.020	--	0.204	0.087	--		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	0.036	0.020	--	0.177	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-05  
 Client ID: SSV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 06:25  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	1.69	0.500	--	2.91	0.861	--		1
Dichlorodifluoromethane	0.536	0.200	--	2.65	0.989	--		1
Chloromethane	0.567	0.200	--	1.17	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.193	0.020	--	0.427	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	14.2	5.00	--	26.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	98.4	1.00	--	234	2.38	--		1
Trichlorofluoromethane	0.241	0.050	--	1.35	0.281	--		1
iso-Propyl Alcohol	5.01	0.500	--	12.3	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	0.817	0.500	--	2.84	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	15.4	0.200	--	48.0	0.623	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.073	0.050	--	0.560	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-05  
 Client ID: SSV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	2.89	0.500	--	8.52	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.050	0.020	--	0.244	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.029	0.020	--	0.117	0.081	--		1
n-Hexane	0.282	0.200	--	0.994	0.705	--		1
1,1,1-Trichloroethane	0.034	0.020	--	0.186	0.109	--		1
Benzene	1.12	0.100	--	3.58	0.319	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.382	0.200	--	1.57	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	0.623	0.500	--	2.55	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	21.9	0.100	--	82.5	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1





**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-05  
 Client ID: SSV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	0.098	0.020	--	0.665	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.629	0.020	--	2.73	0.087	--		1
p/m-Xylene	1.43	0.040	--	6.21	0.174	--		1
Xylene (Total)	2.14	0.020	--	9.30	0.087	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.269	0.020	--	1.15	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.705	0.020	--	3.06	0.087	--		1
4-Ethyltoluene	0.229	0.020	--	1.13	0.098	--		1
1,3,5-Trimethylbenzene	0.645	0.020	--	3.17	0.098	--		1
1,2,4-Trimethylbenzene	0.804	0.020	--	3.95	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.803	0.050	--	4.21	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	102		60-140



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-06  
 Client ID: IA-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/22/21 08:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 01/07/22 00:17  
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Propylene	1.04	0.500	--	1.79	0.861	--		1
Dichlorodifluoromethane	0.553	0.200	--	2.73	0.989	--		1
Chloromethane	0.530	0.200	--	1.09	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.041	0.020	--	0.091	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethyl Alcohol	38.1	5.00	--	71.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.26	1.00	--	17.2	2.38	--		1
Trichlorofluoromethane	0.256	0.050	--	1.44	0.281	--		1
iso-Propyl Alcohol	5.24	0.500	--	12.9	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.073	0.050	--	0.560	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-06  
 Client ID: IA-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/22/21 08:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.083	0.020	--	0.405	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.215	0.100	--	0.687	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	0.196	0.100	--	0.739	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1



**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-06  
 Client ID: IA-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/22/21 08:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air by SIM - Mansfield Lab</b>								
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.040	0.020	--	0.174	0.087	--		1
p/m-Xylene	0.120	0.040	--	0.521	0.174	--		1
Xylene (Total)	0.161	0.020	--	0.699	0.087	--		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	0.041	0.020	--	0.178	0.087	--		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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/06/22 16:31

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG1591486-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.100	--	ND	0.264	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
1,2-Dichloroethene (total)	ND	0.020	--	ND	0.079	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,3-Dichloropropene, Total	ND	0.020	--	ND	0.091	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1



Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/06/22 16:31

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG1591486-4								
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		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
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	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	0.100	--	ND	0.377	--		1



Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/06/22 16:31

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG1591486-4								
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Xylene (Total)	ND	0.020	--	ND	0.087	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		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
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/06/22 16:31

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG1591486-4								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.020	--	ND	0.193	--		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



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG1591486-3								
Propylene	105		-		70-130	-		25
Dichlorodifluoromethane	94		-		70-130	-		25
Chloromethane	97		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	89		-		70-130	-		25
Vinyl chloride	102		-		70-130	-		25
1,3-Butadiene	93		-		70-130	-		25
Bromomethane	92		-		70-130	-		25
Chloroethane	101		-		70-130	-		25
Ethyl Alcohol	108		-		40-160	-		25
Vinyl bromide	90		-		70-130	-		25
Acrolein	83		-		60-113	-		25
Acetone	110		-		40-160	-		25
Trichlorofluoromethane	99		-		70-130	-		25
iso-Propyl Alcohol	120		-		40-160	-		25
Acrylonitrile	88		-		70-130	-		25
1,1-Dichloroethene	103		-		70-130	-		25
tert-Butyl Alcohol <sup>1</sup>	119		-		70-130	-		25
Methylene chloride	100		-		70-130	-		25
3-Chloropropene	113		-		70-130	-		25
Carbon disulfide	83		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	87		-		70-130	-		25
trans-1,2-Dichloroethene	94		-		70-130	-		25
1,1-Dichloroethane	95		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG1591486-3								
Methyl tert butyl ether	88		-		70-130	-		25
Vinyl acetate	78		-		70-130	-		25
2-Butanone	97		-		70-130	-		25
cis-1,2-Dichloroethene	102		-		70-130	-		25
Ethyl Acetate	97		-		70-130	-		25
Chloroform	94		-		70-130	-		25
Tetrahydrofuran	100		-		70-130	-		25
1,2-Dichloroethane	98		-		70-130	-		25
n-Hexane	97		-		70-130	-		25
1,1,1-Trichloroethane	85		-		70-130	-		25
Benzene	82		-		70-130	-		25
Carbon tetrachloride	90		-		70-130	-		25
Cyclohexane	94		-		70-130	-		25
Dibromomethane <sup>1</sup>	72		-		70-130	-		25
1,2-Dichloropropane	89		-		70-130	-		25
Bromodichloromethane	87		-		70-130	-		25
1,4-Dioxane	109		-		70-130	-		25
Trichloroethene	84		-		70-130	-		25
2,2,4-Trimethylpentane	98		-		70-130	-		25
cis-1,3-Dichloropropene	79		-		70-130	-		25
4-Methyl-2-pentanone	102		-		70-130	-		25
trans-1,3-Dichloropropene	90		-		70-130	-		25
1,1,2-Trichloroethane	83		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG1591486-3								
Toluene	79		-		70-130	-		25
2-Hexanone	97		-		70-130	-		25
Dibromochloromethane	85		-		70-130	-		25
1,2-Dibromoethane	82		-		70-130	-		25
Tetrachloroethene	78		-		70-130	-		25
1,1,1,2-Tetrachloroethane	71		-		70-130	-		25
Chlorobenzene	84		-		70-130	-		25
Ethylbenzene	83		-		70-130	-		25
p/m-Xylene	84		-		70-130	-		25
Bromoform	84		-		70-130	-		25
Styrene	86		-		70-130	-		25
1,1,2,2-Tetrachloroethane	89		-		70-130	-		25
o-Xylene	86		-		70-130	-		25
1,2,3-Trichloropropane <sup>1</sup>	75		-		70-130	-		25
Isopropylbenzene	78		-		70-130	-		25
Bromobenzene <sup>1</sup>	79		-		70-130	-		25
4-Ethyltoluene	86		-		70-130	-		25
1,3,5-Trimethylbenzene	88		-		70-130	-		25
1,2,4-Trimethylbenzene	94		-		70-130	-		25
Benzyl chloride	81		-		70-130	-		25
1,3-Dichlorobenzene	88		-		70-130	-		25
1,4-Dichlorobenzene	90		-		70-130	-		25
sec-Butylbenzene	80		-		70-130	-		25

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG1591486-3								
p-Isopropyltoluene	84		-		70-130	-		25
1,2-Dichlorobenzene	87		-		70-130	-		25
n-Butylbenzene	84		-		70-130	-		25
1,2-Dibromo-3-chloropropane	81		-		70-130	-		25
1,2,4-Trichlorobenzene	94		-		70-130	-		25
Naphthalene	95		-		70-130	-		25
1,2,3-Trichlorobenzene	87		-		70-130	-		25
Hexachlorobutadiene	87		-		70-130	-		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	104				70-130
Toluene-d8	81				70-130
Bromofluorobenzene	83				70-130

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1591486-5 QC Sample: L2170728-01 Client ID: SV-101						
Propylene	2.89	3.05	ppbV	5		25
Dichlorodifluoromethane	0.506	0.551	ppbV	9		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.318	0.338	ppbV	6		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	42.8	40.1	ppbV	7		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	12.5	13.3	ppbV	6		25
Trichlorofluoromethane	0.220	0.241	ppbV	9		25
iso-Propyl Alcohol	1.13	1.19	ppbV	5		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,2-Dichloroethene (total)	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,3-Dichloropropene, Total	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.065	0.068	ppbV	5		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1591486-5 QC Sample: L2170728-01 Client ID: SV-101						
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	1.59	1.73	ppbV	8		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	0.090	0.100	ppbV	11		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.643	0.684	ppbV	6		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.252	0.264	ppbV	5		25
Carbon tetrachloride	0.028	0.025	ppbV	11		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	0.021	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
Heptane	0.260	0.288	ppbV	10		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1591486-5 QC Sample: L2170728-01 Client ID: SV-101						
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.719	0.770	ppbV	7		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.025	0.021	ppbV	17		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.108	0.116	ppbV	7		25
p/m-Xylene	0.271	0.288	ppbV	6		25
Xylene (Total)	0.390	0.416	ppbV	6		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.024	0.025	ppbV	4		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.119	0.128	ppbV	7		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	0.021	0.020	ppbV	5		25
1,2,4-Trimethylbenzene	0.081	0.088	ppbV	8		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1591486-5 QC Sample: L2170728-01 Client ID: SV-101						
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25



Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

**SAMPLE RESULTS**

Lab ID: L2170728-01  
 Client ID: SV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 02:19  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	0.52		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	0.72		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	31		ug/m3	10	--	1
Toluene	2.9		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	1.2		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	12		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		50-200
Bromochloromethane	109		50-200
Chlorobenzene-d5	105		50-200

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

## SAMPLE RESULTS

Lab ID: L2170728-02  
 Client ID: SV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 07:55  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 04:19  
 Analyst: RY

## Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	0.73		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	23		ug/m3	10	--	1
Toluene	4.5		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	2.6		ug/m3	0.90	--	1
o-Xylene	1.0		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		50-200
Bromochloromethane	103		50-200
Chlorobenzene-d5	98		50-200

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

## SAMPLE RESULTS

Lab ID: L2170728-03  
 Client ID: SV-103  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:14  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 05:00  
 Analyst: RY

## Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	0.87		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	1.7		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	54		ug/m3	10	--	1
Toluene	5.7		ug/m3	0.90	--	1
Ethylbenzene	1.4		ug/m3	0.90	--	1
p/m-Xylene	4.4		ug/m3	0.90	--	1
o-Xylene	1.8		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	14		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		50-200
Bromochloromethane	105		50-200
Chlorobenzene-d5	101		50-200

**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**SAMPLE RESULTS**

Lab ID: L2170728-04  
 Client ID: SSV-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 05:42  
 Analyst: RY

**Quality Control Information**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	1.0		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	32		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		50-200
Bromochloromethane	105		50-200
Chlorobenzene-d5	99		50-200

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

## SAMPLE RESULTS

Lab ID: L2170728-05  
 Client ID: SSV-102  
 Sample Location: FALMOUTH, ME

Date Collected: 12/21/21 08:10  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 06:25  
 Analyst: RY

## Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	3.3		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	180		ug/m3	10	--	1
Toluene	87		ug/m3	0.90	--	1
Ethylbenzene	2.9		ug/m3	0.90	--	1
p/m-Xylene	6.5		ug/m3	0.90	--	1
o-Xylene	3.2		ug/m3	0.90	--	1
Naphthalene	4.7		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	1000		ug/m3	10	--	1
C9-C10 Aromatics Total	30		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		50-200
Bromochloromethane	106		50-200
Chlorobenzene-d5	107		50-200

Project Name: DAVIS MOTEL

Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

## SAMPLE RESULTS

Lab ID: L2170728-06  
 Client ID: IA-101  
 Sample Location: FALMOUTH, ME

Date Collected: 12/22/21 08:50  
 Date Received: 12/22/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 96,APH  
 Analytical Date: 01/07/22 00:17  
 Analyst: RY

## Quality Control Information

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air - Mansfield Lab</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	0.63		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	37		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		50-200
Bromochloromethane	102		50-200
Chlorobenzene-d5	98		50-200

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 96,APH  
Analytical Date: 01/06/22 16:31  
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbons in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1591487-4					
1,3-Butadiene	ND		ug/m3	0.50	--
Methyl tert butyl ether	ND		ug/m3	0.70	--
Benzene	ND		ug/m3	0.60	--
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--
Toluene	ND		ug/m3	0.90	--
Ethylbenzene	ND		ug/m3	0.90	--
p/m-Xylene	ND		ug/m3	0.90	--
o-Xylene	ND		ug/m3	0.90	--
Naphthalene	ND		ug/m3	1.1	--
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--
C9-C10 Aromatics Total	ND		ug/m3	10	--

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1591487-3								
1,3-Butadiene	72		-		70-130	-		
Methyl tert butyl ether	80		-		70-130	-		
Benzene	78		-		70-130	-		
C5-C8 Aliphatics, Adjusted	89		-		70-130	-		
Toluene	88		-		70-130	-		
Ethylbenzene	94		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
o-Xylene	96		-		70-130	-		
Naphthalene	117		-		50-150	-		
C9-C12 Aliphatics, Adjusted	100		-		70-130	-		
C9-C10 Aromatics Total	88		-		70-130	-		



## Lab Duplicate Analysis

Batch Quality Control

Project Name: DAVIS MOTEL

Project Number: BE-365

Lab Number: L2170728

Report Date: 01/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1591487-5 QC Sample: L2170728-01 Client ID: SV-101						
1,3-Butadiene	0.52	0.58	ug/m3	11		30
Methyl tert butyl ether	ND	ND	ug/m3	NC		30
Benzene	0.72	0.78	ug/m3	8		30
C5-C8 Aliphatics, Adjusted	31	34	ug/m3	9		30
Toluene	2.9	3.2	ug/m3	10		30
Ethylbenzene	ND	ND	ug/m3	NC		30
p/m-Xylene	1.2	1.3	ug/m3	8		30
o-Xylene	ND	ND	ug/m3	NC		30
Naphthalene	ND	ND	ug/m3	NC		30
C9-C12 Aliphatics, Adjusted	12	12	ug/m3	0		30
C9-C10 Aromatics Total	ND	ND	ug/m3	NC		30

Project Name: DAVIS MOTEL

Serial\_No:01072213:13  
Lab Number: L2170728

Project Number: BE-365

Report Date: 01/07/22

### 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
L2170728-01	SV-101	02140	FLOW 2	12/20/21	373067		-	-	-	Pass	72	70	3
L2170728-01	SV-101	177	2.7L Can	12/20/21	373067	L2167798-02	Pass	-29.2	-3.7	-	-	-	-
L2170728-02	SV-102	0732	Flow 2	12/20/21	373067		-	-	-	Pass	72	68	6
L2170728-02	SV-102	3421	2.7L Can	12/20/21	373067	L2167798-02	Pass	-29.2	-3.2	-	-	-	-
L2170728-03	SV-103	01082	Flow 2	12/20/21	373067		-	-	-	Pass	72	70	3
L2170728-03	SV-103	208	2.7L Can	12/20/21	373067	L2167798-02	Pass	-29.4	-3.8	-	-	-	-
L2170728-04	SSV-101	01100	Flow 3	12/20/21	373067		-	-	-	Pass	72	71	1
L2170728-04	SSV-101	543	2.7L Can	12/20/21	373067	L2167798-02	Pass	-29.3	-4.1	-	-	-	-
L2170728-05	SSV-102	01547	Flow 1	12/20/21	373067		-	-	-	Pass	72	69	4
L2170728-05	SSV-102	3198	2.7L Can	12/20/21	373067	L2167798-02	Pass	-28.9	-5.2	-	-	-	-
L2170728-06	IA-101	01720	Flow 5	12/20/21	373067		-	-	-	Pass	3.0	3.1	3
L2170728-06	IA-101	1832	6.0L Can	12/20/21	373067	L2166397-05	Pass	-29.3	-7.7	-	-	-	-

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 12/06/21 22:23  
 Analyst: TS

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	0.265	0.200	--	0.630	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	92		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 12/06/21 22:23  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2166397  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2166397-05  
 Client ID: CAN 3254 SHELF 35  
 Sample Location:

Date Collected: 12/02/21 14:00  
 Date Received: 12/03/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	86		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 12/10/21 21:23  
 Analyst: TS

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	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
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



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	100		60-140



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

**Lab ID:** L2167798-02  
**Client ID:** CAN 2762 SHELF 9  
**Sample Location:**

**Date Collected:** 12/09/21 14:00  
**Date Received:** 12/10/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15-SIM  
**Analytical Date:** 12/10/21 21:23  
**Analyst:** TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2167798  
**Report Date:** 01/07/22

### Air Canister Certification Results

Lab ID: L2167798-02  
 Client ID: CAN 2762 SHELF 9  
 Sample Location:

Date Collected: 12/09/21 14:00  
 Date Received: 12/10/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	93		60-140
chlorobenzene-d5	97		60-140



# **AIR Petro Can Certification**

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2166397**Project Number:** CANISTER QC BAT**Report Date:** 01/07/22**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2166397-05  
**Client ID:** CAN 3254 SHELF 35  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 12/06/21 22:23  
**Analyst:** TS

**Date Collected:** 12/02/21 14:00  
**Date Received:** 12/03/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** BATCH CANISTER CERTIFICATION**Lab Number:** L2167798**Project Number:** CANISTER QC BAT**Report Date:** 01/07/22**AIR CAN CERTIFICATION RESULTS**

**Lab ID:** L2167798-02  
**Client ID:** CAN 2762 SHELF 9  
**Sample Location:** Not Specified  
**Matrix:** Air  
**Analytical Method:** 96,APH  
**Analytical Date:** 12/10/21 21:23  
**Analyst:** TS

**Date Collected:** 12/09/21 14:00  
**Date Received:** 12/10/21  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Petroleum Hydrocarbons in Air</b>						
1,3-Butadiene	ND		ug/m3	0.50	--	1
Methyl tert butyl ether	ND		ug/m3	0.70	--	1
Benzene	ND		ug/m3	0.60	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	10	--	1
Toluene	ND		ug/m3	0.90	--	1
Ethylbenzene	ND		ug/m3	0.90	--	1
p/m-Xylene	ND		ug/m3	0.90	--	1
o-Xylene	ND		ug/m3	0.90	--	1
Naphthalene	ND		ug/m3	1.1	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	10	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

**Project Name:** DAVIS MOTEL**Lab Number:** L2170728**Project Number:** BE-365**Report Date:** 01/07/22**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information****Cooler**                      **Custody Seal**

NA                                      Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2170728-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2170728-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2170728-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2170728-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2170728-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)
L2170728-06A	Canister - 6 Liter	NA	NA			Y	Absent		APH-10(30),TO15-SIM(30)

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

## GLOSSARY

### Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

#### 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.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report





**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

#### **Data Qualifiers**

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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** DAVIS MOTEL  
**Project Number:** BE-365

**Lab Number:** L2170728  
**Report Date:** 01/07/22

## 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

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

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**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.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, 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, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** 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 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.



# AIR ANALYSIS

PAGE 1 OF 1

## CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

### Client Information

Client: BEACON ENVIRONMENTAL  
 Address: PO Box 2154  
WINDHAM, ME 04062  
 Phone: (207) 376-5001  
 Fax: (207) 221-1354  
 Email: JCRESSEY@BEACONMAINE.COM

### Project Information

Project Name: DAVIS MOTEL  
 Project Location: FALMOUTH, ME  
 Project #: BE-365  
 Project Manager: CRESSEY  
 ALPHA Quote #: 15498

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: \_\_\_\_\_ Time: \_\_\_\_\_

Date Rec'd In Lab: 12/22/21

### Report Information - Data Deliverables

FAX  
 ADEX  
 Criteria Checker: \_\_\_\_\_  
(Default based on Regulatory Criteria Indicated)  
 Other Formats: \_\_\_\_\_  
 EMAIL (standard pdf report)  
 Additional Deliverables: \_\_\_\_\_  
 Report to: (if different than Project Manager) \_\_\_\_\_

ALPHA Job #: L2170728

### Billing Information

Same as Client info PO #: BE-365

### Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

These samples have been previously analyzed by Alpha  
 Other Project Specific Requirements/Comments:  
 Project-Specific Target Compound List:

### ANALYSIS

TO-15  
 TO-15 SIM  
 APH Subtract Non-petroleum HCs  
 Fixed Gases  
 Sulfides & Mercaptans by TO-15

### All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
<u>20728-01</u>	<u>SV-101</u>	<u>12/21</u>	<u>720</u>	<u>750</u>	<u>-28.86</u>	<u>-6.37</u>	<u>SV</u>	<u>JKC</u>	<u>2.7L</u>	<u>177</u>	<u>02140</u>	<u>XX</u>				<u>35 PPB</u>	
<u>-02</u>	<u>SV-102</u>		<u>723</u>	<u>755</u>	<u>-30.39</u>	<u>-5.93</u>	<u>SV</u>	<u>JKC</u>	<u>2.7L</u>	<u>3421</u>	<u>0732</u>	<u>XX</u>				<u>32 PPB</u>	
<u>-03</u>	<u>SV-103</u>		<u>745</u>	<u>814</u>	<u>-30.41</u>	<u>-5.53</u>	<u>SV</u>	<u>JKC</u>	<u>2.7L</u>	<u>208</u>	<u>01032</u>	<u>XX</u>				<u>21 PPB</u>	
<u>-04</u>	<u>SSV-101</u>		<u>735</u>	<u>810</u>	<u>-29.85</u>	<u>-5.93</u>	<u>SV</u>	<u>JKC</u>	<u>2.7L</u>	<u>543</u>	<u>01100</u>	<u>XX</u>				<u>2300 PPB</u>	
<u>-05</u>	<u>SSV-102</u>		<u>735</u>	<u>810</u>	<u>-29.87</u>	<u>-6.32</u>	<u>SV</u>	<u>JKC</u>	<u>2.7L</u>	<u>3198</u>	<u>01547</u>	<u>XX</u>				<u>2300 PPB</u>	
<u>-06</u>	<u>IA-101</u>	<u>12/22</u>	<u>820</u>	<u>850</u>	<u>-30.50</u>	<u>-7.53</u>	<u>AA</u>	<u>JKC</u>	<u>6L</u>	<u>1832</u>	<u>01720</u>	<u>XX</u>				<u>10 PPB</u>	

### \*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type: CSCSCS

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: [Signature] Date/Time: 12/22/21 15:02  
 Received By: [Signature] Date/Time: 12/22/21 15:04  
Joseph E. Burgess 12/22/21 19:15