

April 18, 2014

Project 101.06074.012

Ms. Becky Blais
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333

RE: Results of Indoor Air Quality Assessment
Former Beal's Linen
7 Chestnut Street, Auburn, Maine
REM ID: 02284

Dear Ms. Blais:

Ransom Consulting, Inc. (Ransom) has prepared this letter report for the Maine Department of Environmental Protection (MEDEP) summarizing the results of the indoor air investigation performed at the multi-tenant apartment building located at 7 Chestnut Street (the "Site") and the adjoining Webster's School apartment building and child care center located at 95 Hampshire Street in the City of Auburn, Androscoggin County, Maine.

The objective of the investigation was to assess current indoor air conditions as part of MEDEP's ongoing investigation of chlorinated volatile organic compounds (CVOCs) recently detected in soil vapor and indoor air samples collected at the Site and along a utility corridor beneath Chestnut Street, which are likely associated with CVOC releases originating from dry cleaning/laundromat facilities (Beal's Linen/Cleaners & Malo Drycleaners) that formerly operated at the Site.

SITE DESCRIPTION & HISTORY

The Site consists of a rectangular-shaped parcel of land, encompassing approximately 0.6 acres, located at the southeastern corner of the intersection of Chestnut Street and Webster Street in the City of Auburn, Androscoggin County, Maine. The Site is identified by the City of Auburn Assessor's Office as Block 335 on Tax Map 250, which corresponds to 7 Chestnut Street. The Site location and Site features are shown on Figures 1 and 2.

The Site is currently improved with one building (the "Site Building"), which is currently utilized as a multi-family apartment building and is partitioned into 15 single-family apartments and one laundry room. The northwestern and southwestern portions and of the Site consists of asphalt-paved parking areas and driveways, which are utilized by the Site tenants for automobile parking. The eastern portion of the Site consists of overgrown vegetated/wooded areas.

Based on available information, the eastern portion of the Site was occupied by dry cleaning/laundromat facilities (Beal's Linen/Cleaners and Malo Dry Cleaners; 7-15 Chestnut Street) from circa 1950 to circa 1985. The former dry cleaning/laundromat buildings were demolished in 1985. The existing Site Building was constructed in 1986 and has been utilized as multi-tenant apartments since its construction.

400 Commercial Street, Suite 404, Portland, Maine 04101, Tel (207) 772-2891, Fax (207) 772-3248

Pease International Tradeport, 112 Corporate Drive, Portsmouth, New Hampshire 03801, Tel (603) 436-1490

12 Kent Way, Suite 100, Byfield, Massachusetts 01922, Tel (978) 465-1822

2127 Hamilton Avenue, Hamilton, New Jersey 08619, Tel (609) 584-0090

60 Valley Street, Building F, Suite 106, Providence, Rhode Island 02909, Tel (401) 433-2160

BACKGROUND

Beginning in Fall 2013, MEDEP collected three soil gas samples within the right of way along Chestnut Street as part of the Dry Cleaner Initiative screening process to help identify sites with potential risks to receptors. In March 2014 MEDEP collected a sub-slab soil vapor and indoor air samples at the Site. The MEDEP sampling included the collection of the following soil vapor and indoor air samples:

1. Sub-slab soil vapor sample (SS-A1) collected beneath the concrete slab of the laundry room in the Site building;
2. Soil vapor sample (SV-A2) collected beneath the asphalt-paved parking area to the north of the building by Apartment #5;
3. Indoor air sample (IA-A1) collected from Apartment #12 and indoor air sample (IA-A2) collected from Apartment #3 in the Site Building; and
4. Soil vapor samples (SG-1 through SG-3) collected along the utility corridor beneath Chestnut Street to the north of the Site.

Elevated concentrations of CVOCs, specifically trichloroethene (TCE) and tetrachloroethene (PCE), were identified in soil vapor and indoor air samples collected from the Site. The concentrations detected suggested the potential for health risks to occupants of the Site Building.

On March 19, 2014, Ransom was notified of the results of MEDEP's investigation and was contracted by MEDEP to assist with their ongoing investigation at the Site and vicinity. Specifically, MEDEP requested that Ransom assist with the collection, data analysis, and interpretation of indoor air samples to be collected from each apartment in the Site Building, an ambient air sample collected at the Site, and one indoor air sample collected from the western adjoining Webster School apartment building, as presented below. MEDEP also requested that Ransom perform a Phase I Environmental Site Assessment (ESA) for the Site, which is provided under separate cover.

INDOOR AIR QUALITY ASSESSMENT

Methodology

On March 20 and 21, 2014, Ransom assisted the MEDEP with their indoor air quality assessment of the Site Building and western adjoining Webster School apartment building and child care center. The assessment was accomplished by collecting indoor air samples and one ambient air sample with laboratory-prepared SUMMA® passivated stainless steel canisters with 24-hour flow control valves. Prior to placement of the summa canisters, MEDEP personnel interviewed tenant(s) and Ransom personnel screened the indoor air of each apartment for the presence of organic vapors or total VOCs (TVOCs) using a photoionization detector (PID). The PID was equipped with a 10.6 eV lamp and calibrated to an isobutylene standard at parts per billion by volume (ppbv) units. A summary of sample locations and the highest concentrations of indoor air screening results are presented in the table below. The locations of each indoor air sample collected inside the Site Building are provided on Figure 3.

SUMMARY OF INDOOR AIR SAMPLE LOCATIONS (MARCH 20-21, 2014)

Sample ID:	Apartment/Location	PID Results (ppbv)
IA-7C-1	Apartment #1	225 ppbv
IA-7C-2	Apartment #2	334 ppbv
IA-7C-3	Apartment #3	1,025 ppbv
IA-7C-4	Apartment #4	400 ppbv
IA-7C-5	Apartment #5	240 ppbv
IA-7C-6	Apartment #6	2,300 ppbv
IA-7C-7	Apartment #7	20 ppbv
IA-7C-9	Apartment #9	400 ppbv
IA-7C-10	Apartment #10	490 ppbv
IA-7C-11	Apartment #11	400 ppbv
IA-7C-12	Apartment #12	700 ppbv
IA-7C-13	Apartment #13	20 ppbv
IA-7C-14	Apartment #14	290 ppbv
IA-7C-15	Apartment #15	190 ppbv
IA-7C-Ambient	Exterior- Behind Apartment #3	0 ppbv
IA-7C-Webster School	Webster School Apartment Foyer	175 ppbv

The SUMMA® canisters were placed approximately 3 to 5 feet above the floor in order to capture representative air samples from within the breathing zone in each apartment unit of the Site Building and in the child care center in the basement of the Webster School apartment building. At the time of the assessment, Apartment #8 was in the process of being renovated and painted. Due to the renovations/painting activities, MEDEP opted not to collect an indoor air sample from this apartment in order to prevent a false positive result of VOCs from chemicals associated with the renovation activities in that apartment and not related to the former dry cleaner operations. The ambient air sample was collected at ground level outside of the Site Building behind Apartment #3 and a duplicate indoor air sample (DUP-01) was collected inside Apartment #3 for quality assurance/quality control measures.

The samples were submitted under chain-of-custody documentation to Katahdin Analytical Services (Katahdin) of Scarborough, Maine and analyzed for the following CVOCs [cis-1,2-dichloroethene (cis-1,2-DCE); trans-1,2-dichloroethene (trans-1,2-DCE), TCE, PCE, and vinyl chloride] by U.S. EPA Method TO-15. Due to a summa canister malfunction at the laboratory, the indoor air sample collected from Apartment #14 could not be analyzed.

Indoor air sample analytical results are presented in Table 1. A summary of duplicate sample analytical results and calculated relative percent differences (RPDs) is presented in the attached Table 2. A copy of the laboratory chemical analysis data report is provided as Attachment A.

Results

The analytical results of indoor air samples collected during this investigation were compared to their respective Residential Indoor Air Targets provided in *Table 2: Maine Remedial Action Guidelines for the Indoor Air Exposure Pathway, by Exposure Scenario*, provided in the MEDEP Bureau of Remediation and Waste Management's (BRWM's) "*Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances*," dated May 10, 2013.

PCE

As shown in Table 1, elevated levels of PCE exceeding its respective Residential Indoor Air Target of 42 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) were detected at concentrations ranging from 56 to 1,300 $\mu\text{g}/\text{m}^3$ in the indoor air samples collected from Apartments #1, #2, #3, #4, #5, #6, #7, #10, #12, #13, and #15. The highest concentrations of PCE were detected in Apartment #1 (460 $\mu\text{g}/\text{m}^3$); Apartment #2 (860 $\mu\text{g}/\text{m}^3$); Apartment #3 (710 $\mu\text{g}/\text{m}^3$); Apartment #4 (1,300 $\mu\text{g}/\text{m}^3$); and Apartment #5 (440 $\mu\text{g}/\text{m}^3$), which are located on the ground floor at the eastern portion of the Site Building and within or near the approximate footprint of the former dry cleaner/laundromat buildings at the Site.

Concentrations of PCE detected in the indoor air samples appear to decrease at the central and western portions of the building, as exhibited in the results from Apartment #6 (56 $\mu\text{g}/\text{m}^3$); Apartment #7 (90 $\mu\text{g}/\text{m}^3$); Apartment #9 (1.6 $\mu\text{g}/\text{m}^3$); Apartment #10 (60 $\mu\text{g}/\text{m}^3$); Apartment #11 (30 $\mu\text{g}/\text{m}^3$); Apartment #12 (68 $\mu\text{g}/\text{m}^3$); Apartment #13 (58 $\mu\text{g}/\text{m}^3$); and Apartment #15 (66 $\mu\text{g}/\text{m}^3$). The only apartments that contained PCE at concentrations below its Residential Indoor Air Target were Apartment #9 (1.6 $\mu\text{g}/\text{m}^3$) and Apartment #11 (30 $\mu\text{g}/\text{m}^3$), which are located on the ground level and 2nd floor, respectively, at the northwestern corner of the Site Building.

Based on this data, it appears that the dry cleaning solvent, PCE, was released to the ground in the vicinity of the former dry cleaner building at the eastern portion of the Site and is currently volatilizing from the ground into the indoor air of the Site Building with the highest concentrations of PCE at the eastern portion of the building and decreasing in concentration at the central and western portions of the building. The highest concentration of PCE (1,300 $\mu\text{g}/\text{m}^3$) was detected in the indoor air sample collected from Apartment #4.

TCE

As shown in Table 1, elevated concentrations of TCE exceeding its respective Residential Indoor Air Target of 2.1 $\mu\text{g}/\text{m}^3$ were detected in the indoor air samples collected from Apartment #3 (7 $\mu\text{g}/\text{m}^3$); Apartment #4 (16 $\mu\text{g}/\text{m}^3$); and Apartment #5 (5 $\mu\text{g}/\text{m}^3$), which are located on the ground floor at the east-central portion of the Site Building and within or near the approximate footprint of the former dry cleaner/laundromat buildings at the Site.

TCE appears to decrease to concentrations below its Residential Indoor Air Target (2.1 $\mu\text{g}/\text{m}^3$) in the indoor air samples at the eastern, west-central and western portions of the building, as exhibited in the results from Apartment #1 (0.53 $\mu\text{g}/\text{m}^3$); Apartment #2 (1.3 $\mu\text{g}/\text{m}^3$); Apartment #6 (0.47 $\mu\text{g}/\text{m}^3$); Apartment #7 (0.41 $\mu\text{g}/\text{m}^3$); Apartment #10 (0.21 $\mu\text{g}/\text{m}^3$); Apartment #11 (0.19 $\mu\text{g}/\text{m}^3$); Apartment #12

Ms. Becky Blais
Maine Department of Environmental Protection

(0.75 $\mu\text{g}/\text{m}^3$); Apartment #13 (0.43 $\mu\text{g}/\text{m}^3$); and Apartment #15 (0.54 $\mu\text{g}/\text{m}^3$). The only indoor air sample that did not contain TCE at concentrations above its laboratory reporting limit (0.048 $\mu\text{g}/\text{m}^3$) was collected from Apartment #9, which is located on the ground level at the western corner of the Site Building.

Based on this data, it appears that PCE is dechlorinating into TCE in the vicinity of the former dry cleaner building at the eastern portion of the Site and is currently volatilizing from the ground into the indoor air of the Site Building with the highest concentrations of TCE at the east-central portion of the building and decreasing in concentration at the eastern, west-central and western portions of the building. The highest concentration of TCE (16 $\mu\text{g}/\text{m}^3$) was detected in the indoor air sample collected from Apartment #4, which was also the apartment that contained the highest PCE concentration in the building.

cis-1,2-DCE

As shown in Table 1, low-level concentrations of cis-1,2-DCE below its respective Residential Indoor Air Target of 63 $\mu\text{g}/\text{m}^3$ were detected in the indoor air samples collected from Apartment #3 (0.25 $\mu\text{g}/\text{m}^3$); Apartment #4 (2.1 $\mu\text{g}/\text{m}^3$); and Apartment #5 (0.48 $\mu\text{g}/\text{m}^3$), which are located on the ground floor at the east-central portion of the Site Building and within or near the approximate footprint of the former dry cleaner/laundromat buildings at the Site. Cis-1,2-DCE was not detected at concentrations above its laboratory reporting limit (0.059 $\mu\text{g}/\text{m}^3$) in remaining indoor air samples collected in the apartments in the building.

Based on this data, it appears that TCE is dechlorinating into cis-1,2-DCE in the vicinity of the former dry cleaner/laundromat buildings at the eastern portion of the Site and is currently volatilizing from the ground into the indoor air of the Site Building with the highest concentrations of cis-1,2-DCE at the east-central portion of the building and decreasing in concentration at the eastern, west-central and western portions of the building. The highest concentration of cis-1,2-DCE (2.1 $\mu\text{g}/\text{m}^3$) was detected in the indoor air sample collected from Apartment #4, which was also the apartment that contained the highest PCE and TCE concentrations in the building.

Vinyl Chloride & trans-1,2-DCE

As shown in Table 1, vinyl chloride and trans-1,2-DCE were not detected at concentrations above the laboratory reporting limits in any of the indoor air samples collected in the apartments in the building. Based on this data, it appears that TCE is not dechlorinating into trans-1,2-DCE and cis-1,2-DCE is not dechlorinating into vinyl chloride at the Site.

Ambient Air

As shown on Table 1, a low-level concentration of PCE (4.7 $\mu\text{g}/\text{m}^3$) was detected in the ambient air sample collected behind Apartment #4. TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride were not detected at concentrations above their laboratory reporting limits in the ambient air sample. Based on this data, it appears that PCE is currently volatilizing from the ground into atmospheric air within or near the approximate footprint of the former dry cleaner/laundromat buildings at the Site, but its breakdown constituents are not volatilizing into atmospheric air at detectable concentrations.

Webster School Apartment Building

As shown on Table 1, a low-level concentration of PCE ($0.2 \mu\text{g}/\text{m}^3$) was detected in the indoor air sample collected inside the western adjoining Webster School apartment building below its Residential Indoor Air Target of $42 \mu\text{g}/\text{m}^3$. TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride were not detected at concentrations above their laboratory reporting limits in the indoor air sample collected inside the Webster School apartment building. Based on this data, it appears that a very low concentration of PCE is present in the indoor air of the adjoining Webster School building, which may be attributable to former dry cleaner and laundromat operations at the Site. The presence of low-level PCE detected at this property may also be attributable to former or current operations at the property, including boiler maintenance or general cleaning activities in the Webster School apartment building, which may have used cleaning solvents containing PCE.

Duplicate Indoor Air Sample Sample

As shown in Table 2, PCE, TCE, and cis-1,2-DCE were detected in the indoor air sample collected from Apartment #3 (IA-7C-3) and its duplicate indoor air sample (DUP-01) with calculated RPDs below the 35 percent guideline. Therefore, the precision of these indoor air sample results are acceptable for this investigation. Vinyl chloride and trans-1,2-DCE were not detected above their respective laboratory reporting limits in the indoor air sample collected from Apartment #3 (IA-7C-3) or its duplicate indoor air sample (DUP-01); therefore, no RPD was applicable for these CVOCs.

INDOOR AIR RISK ASSESSMENT

As part of this investigation, MEDEP completed an indoor air risk assessment by calculating the Hazard Index (HI) and Incremental Lifetime Cancer Risks (ILCR) for each apartment utilizing the analytical results in accordance with MEDEP's RAGs. Based on MEDEP's calculations, PCE, TCE, and cis-1,2-DCE exceeded their applicable HI throughout the building. Concentrations detected in apartments #1 through #7 also exceeded the MEDEP threshold of 1 in 100,000 for ILCR. The concentrations of these CVOCs do not present an ILCR to occupants of the adjoining Webster School apartment building. A copy of MEDEP's risk assessment calculations and summary letter are included as Attachment B.

CONCLUSIONS & RECOMMENDATIONS

Findings from this investigation indicate CVOCs, specifically PCE and its breakdown constituent, TCE, were detected in the indoor air samples collected throughout the building. Contaminants were detected at concentrations exceeding their MEDEP Residential Indoor Air Targets in all units with the exception of apartments #9 and #11. The highest concentrations of CVOCs were detected in the indoor air sample collected from Apartment #4, which is located within or near the approximate footprint of the former dry cleaner/laundromat buildings at the Site. The concentrations of CVOCs in indoor air in the Site Building appear to decrease laterally from Apartment #4; however, Apartments #1 and #2, which are located to the east of Apartment #4, contain elevated concentrations of TCE exceeding its MEDEP Residential Indoor Air Target. Additionally, Apartment #5, which is located to the west of Apartment #4, contains elevated concentrations of TCE exceeding its MEDEP Residential Indoor Air Target. Based on MEDEP's

Ms. Becky Blais
Maine Department of Environmental Protection

calculations, these CVOCs exceeded their applicable HI throughout the building. Concentrations detected in apartments #1 through #7 also exceeded the MEDEP threshold of 1 in 100,000 for ILCR.

CVOCs were not detected in the indoor air sample collected from the western adjoining Webster School apartment building at concentrations exceeding their MEDEP Residential Indoor Air Targets and do not present an ILCR to occupants of the building. The low-level concentration of PCE detected in the indoor air in the Webster School apartment building may not be attributable to dry cleaning solvent releases originating from the Site and does not warrant indoor air mitigation measures for this building.

Based on these results, Ransom recommends additional indoor air assessments at properties in the Site vicinity. Vapor mitigation activities (i.e., installation of a sub-slab depressurization system) are warranted for the Site Building in order to mitigate known impacts to indoor air quality from vapor intrusion of CVOCs likely originating from dry cleaning solvent releases at the Site.

Should you have any questions regarding this letter report, please do not hesitate to call.

Sincerely,

RANSOM CONSULTING, INC.



Aaron R. Martin, C.G.
Associate Project Manager/Environmental Scientist



Eriksen P. Phenix, C.G.
Project Geologist

Peter J. Sherr, P.E.
Principal/Senior Engineer

ARM/EPP/PJS:afb

Table 1: Indoor Air Analytical Results
Former Beal's Linen
7 Chestnut Street
Auburn, Maine

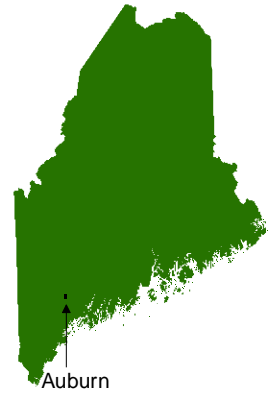
Sample Identification	IA-7C-1	IA-7C-2	IA-7C-3	IA-7C-4	IA-7C-5	IA-7C-6	IA-7C-7	IA-7C-8	IA-7C-9	IA-7C-10	IA-7C-11	IA-7C-12	IA-7C-13	IA-7C-14	IA-7C-15	IA-7C-Ambient	IA-7C-Webster School	MEDEP Remedial Action Guidelines for Sites Contaminated with Hazardous Substances (May 10, 2013) (1)
Sample Location / Apartment #/ Floor	1- Ground Level	2- Ground Level	3- Ground Level	4- Ground Level	5- Ground Level	6- Ground Level	7- Ground Level	8- Ground Level	9- Ground Level	10- 2nd Floor	11- 2nd Floor	12- Ground Level	13- Ground Level	14- 2nd Floor	15- 2nd Floor	Outside behind Apartment#3	Webster School Building	Residential Indoor Air Targets
Sample Date	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	3/21/2014	
Volatile Organic Compounds	Concentrations in Micrograms per cubic meter (ug/m3)																	
cis-1,2-Dichloroethene	BRL (0.059)	BRL (0.059)	0.25 J	2.1	0.48	BRL (0.059)	BRL (0.059)	NS*	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	NS**	BRL (0.059)	BRL (0.059)	BRL (0.059)	63
trans-1,2-Dichloroethene	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	NS*	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	BRL (0.059)	NS**	BRL (0.059)	BRL (0.059)	BRL (0.059)	63
Tetrachloroethene	460	860	710	1,300	440	56	90	NS*	1.6	60	30	68	58	NS**	66	4.7	0.2 J	42
Trichloroethene	0.53 J	1.3	7	16	5	0.47 J	0.41 J	NS*	BRL (0.048)	0.21 J	0.19 J	0.75	0.43 J	NS**	0.54 J	BRL (0.048)	BRL (0.048)	2.1
Vinyl Chloride	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	NS*	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	BRL (0.038)	NS**	BRL (0.038)	BRL (0.038)	BRL (0.038)	2.8

Notes:
MEDEP = Maine Department of Environmental Protection
NE indicates that a standard or guideline is "not established" for the referenced parameter.
BRL = below reporting limit indicated in parentheses
J= estimated
NS*= No Sample Collected Due to Active Painting/Renovations in Apartment
NS**= No Sample Collected- Summa Canister Malfunction
Value in **Bold** text indicates exceedance of Residential Indoor Air Target for that compound.

TABLE 2: SUMMARY OF DUPLICATE SAMPLE ANALYTICAL RESULTS**Former Beal's Linen****7 Chestnut Street****Auburn, Maine**

Sample Location	Apartment #3		Relative Percent Difference
	IA-7C-3	DUP-01	
Sample Identification	IA-7C-3	DUP-01	Relative Percent Difference
Sample Date	3/21/2014	3/21/2014	
Volatile Organic Compounds (VOCs)	Concentrations in $\mu\text{g}/\text{m}^3$		%
cis-1,2-Dichloroethene	0.25	0.25	0
trans-1-2-Dichloroethene	BRL (0.059)	BRL (0.059)	NA
Tetrachloroethene	710	740	-4
Trichloroethene	7	7.5	-7
Vinyl Chloride	BRL (0.038)	BRL (0.038)	NA

Regional Locator Map



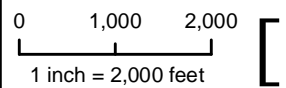
Auburn



Notes

1. Data Source: USGS National Map Seamless Server, 24K DRG, 1/3" NED
2. USGS Quad Name: Lewiston
3. Latitude: 44° 6' 6" N
 Longitude: 70° 13' 50" W
 UTM Northing: 4883893 mN
 UTM Easting: 401504 mE

Scale and Orientation



Prepared For

Maine Department of
 Environmental Protection
 17 State House Station
 Augusta, Maine




Site Address

7 Chestnut Street
 Auburn, Maine

101.06074 | Mar 2014

Figure 1
 Site Location

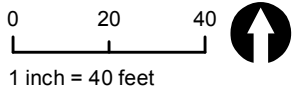
Legend & Notes

-  Site Boundary
-  Abutting
Parcels
-  Pipes

Notes

1. Site Plan based on Bing Orthophotography
2. Some features are approximate in location and scale
3. This plan has been prepared for Maine Department of Environmental Protection. All other uses are not authorized unless written permission is obtained from Ransom Consulting, Inc.

Scale & Orientation



Prepared For

Maine Department of
 Environmental Protection
 17 State House Station
 Augusta, Maine

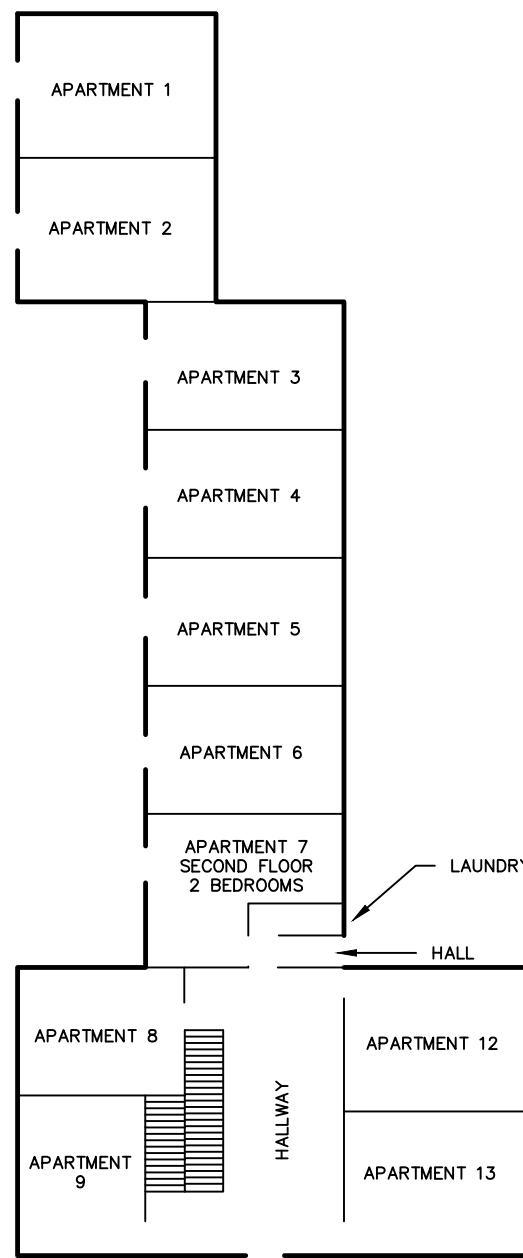
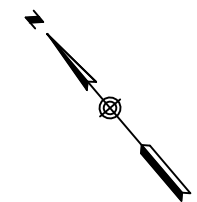
Site Address

Beals Linen
 7 Chestnut Street
 Auburn, Maine

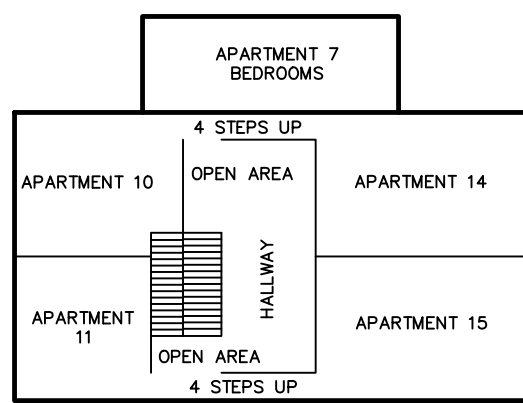
101.06074 | Apr 2014

Figure 2
 Site Plan



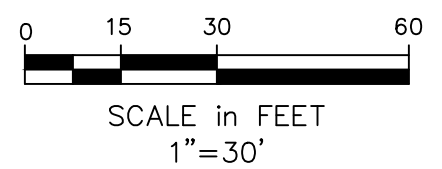


APARTMENTS 1-4 SINGLE STORY, SLAB ON GRADE
 APARTMENT 7, 2 STORY ON GRADE
 APARTMENTS 8,9, 12 AND 13 FIRST FLOOR SLABE ON GRADE
 APARTMENT 10 AND 11, SECOND FLOOR



NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MARCH 21, 2014.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.



RANSOM Consulting, Inc.		SITE BUILDING LAYOUT
PREPARED FOR: MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION 17 STATE HOUSE STATION AUBURN, MAINE	SITE: 7 CHESTNUT STREET AUBURN, MAINE	DATE: APRIL 2014 PROJECT: 101.06074.12 FIGURE: 3

ATTACHMENT A

Copy of Laboratory Chemical Analysis Data Report

Results of Indoor Air Quality Assessment
Former Beal's Linen
7 Chestnut Street
Auburn, Maine
REM ID: 02284

March 13, 2014

Ms. Becky Blais
Maine DEP
State House Station 17
Augusta, ME 04333

RE: Katahdin Lab Number: SH1399
Project ID: Former Dane's Laundry, Lewiston
Project Manager: Ms. Shelly Brown
Sample Receipt Date(s): March 06, 2014

Dear Ms. Blais:

Please find enclosed the following information:

- * Report of Analysis (Analytical and/or Field)
- * Quality Control Data Summary
- * Chain of Custody (COC)
- * Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to <http://www.katahdinlab.com/cert.html> for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES



Authorized Signature

03/13/2014

Date

TECHNICAL NARRATIVE

Organics Analysis

The samples of Work Order SH1399 were analyzed in accordance with “Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Compendium Method TO-15.” 2nd Edition, 1999, Office of Research and Development, U.S. EPA, and/or for the specific methods listed below or on the Report of Analysis.

TO-15 Analysis

The target analytes 1,3-dichlorobenzene, 1,2,4-trichlorobenzene, naphthalene, and/or hexachlorobutadiene were detected in the method blanks WG139871-2, and WG139879-2 above the MDL but below the PQL. The laboratory policy is not to take corrective action unless the concentration of the target analyte is above the PQL. If the analytes were also detected in the associated samples, the analytes are flagged with a “B” qualifier indicating they were detected in the method blank analyzed concurrently with the sample.

There were no other protocol deviations or observations noted by the organics laboratory staff.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Limit of Quantitation (LOQ)(previously called Practical Quantitation Level (PQL)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL/LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Limit of Quantitation (LOQ)(previously called Practical Quantitation Limit (PQL)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-1DL
Client ID: IA-L1B
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7183.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.36	ug/m3	3.002	.1	1.0	0.36
Dichlorodifluoromethane	J	2.9	ug/m3	3.002	.1	3.0	0.18
Chloromethane	J	1.1	ug/m3	3.002	.1	1.2	0.24
Freon-114	U	0.42	ug/m3	3.002	.1	4.2	0.42
Vinyl Chloride	U	0.23	ug/m3	3.002	.1	1.5	0.23
1,3-Butadiene	U	0.26	ug/m3	3.002	.1	1.3	0.26
Bromomethane	U	0.26	ug/m3	3.002	.1	2.3	0.26
Chloroethane	U	0.54	ug/m3	3.002	.1	1.6	0.54
Ethanol		770	ug/m3	3.002	.25	28.	6.1
Acrolein	U	0.70	ug/m3	3.002	.1	1.4	0.70
Acetone		6.9	ug/m3	3.002	.25	3.6	0.41
Trichlorofluoromethane	J	1.4	ug/m3	3.002	.1	3.4	0.47
Isopropyl Alcohol		10.	ug/m3	3.002	.25	3.7	0.43
1,1-Dichloroethene	U	0.21	ug/m3	3.002	.1	2.4	0.21
Methylene Chloride	J	2.1	ug/m3	3.002	.25	5.2	0.88
Freon-113	U	0.37	ug/m3	3.002	.1	4.6	0.37
Carbon Disulfide	J	0.40	ug/m3	3.002	.1	1.9	0.13
trans-1,2-Dichloroethene	U	0.36	ug/m3	3.002	.1	2.4	0.36
1,1-Dichloroethane	U	0.27	ug/m3	3.002	.1	2.4	0.27
Methyl tert-Butyl Ether	U	0.32	ug/m3	3.002	.1	2.2	0.32
Vinyl Acetate	U	0.32	ug/m3	3.002	.1	2.1	0.32
2-Butanone	U	0.37	ug/m3	3.002	.1	1.8	0.37
cis-1,2-Dichloroethene	U	0.36	ug/m3	3.002	.1	2.4	0.36
Hexane	J	1.6	ug/m3	3.002	.25	5.3	0.40
Chloroform	U	0.26	ug/m3	3.002	.1	2.9	0.26
Tetrahydrofuran	U	0.19	ug/m3	3.002	.1	1.8	0.19
1,2-Dichloroethane	U	0.24	ug/m3	3.002	.1	2.4	0.24
1,1,1-Trichloroethane	U	0.26	ug/m3	3.002	.1	3.3	0.26
Benzene	J	0.96	ug/m3	3.002	.1	1.9	0.12
Carbon Tetrachloride	U	0.60	ug/m3	3.002	.1	3.8	0.60
Cyclohexane		3.0	ug/m3	3.002	.1	2.1	0.18
1,2-Dichloropropane	U	0.55	ug/m3	3.002	.1	2.8	0.55
Bromodichloromethane	U	0.44	ug/m3	3.002	.1	4.0	0.44
1,4-Dioxane	U	0.50	ug/m3	3.002	.1	2.2	0.50
Methyl Methacrylate	U	0.20	ug/m3	3.002	.1	2.4	0.20

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-1DL
Client ID: IA-L1B
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7183.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	U	0.29	ug/m3	3.002	.1	3.2	0.29
Heptane	J	1.1	ug/m3	3.002	.1	2.4	0.22
cis-1,3-Dichloropropene	U	0.27	ug/m3	3.002	.1	2.7	0.27
4-Methyl-2-Pentanone	U	0.32	ug/m3	3.002	.1	2.4	0.32
trans-1,3-Dichloropropene	U	0.14	ug/m3	3.002	.1	2.7	0.14
1,1,2-Trichloroethane	U	0.39	ug/m3	3.002	.1	3.3	0.39
Toluene	J	1.7	ug/m3	3.002	.1	2.3	0.23
2-Hexanone	U	0.74	ug/m3	3.002	.1	2.4	0.74
Dibromochloromethane	U	0.56	ug/m3	3.002	.1	5.1	0.56
1,2-Dibromoethane	U	0.60	ug/m3	3.002	.1	4.6	0.60
Tetrachloroethene	J	0.88	ug/m3	3.002	.1	4.1	0.53
Chlorobenzene	U	0.16	ug/m3	3.002	.1	2.8	0.16
1,2-Dichloroethylene (Total)	U	0.71	ug/m3	3.002	.2	9.5	0.71
Ethylbenzene	U	0.34	ug/m3	3.002	.1	2.6	0.34
m+p-Xylenes	J	2.2	ug/m3	3.002	.2	10.	0.94
Bromoform	U	0.50	ug/m3	3.002	.1	6.2	0.50
Styrene	U	0.33	ug/m3	3.002	.1	2.6	0.33
1,1,2,2-Tetrachloroethane	U	0.66	ug/m3	3.002	.1	4.1	0.66
4-Ethyltoluene	U	0.41	ug/m3	3.002	.1	3.0	0.41
o-Xylene	U	0.36	ug/m3	3.002	.1	2.6	0.36
1,3,5-Trimethylbenzene	U	0.53	ug/m3	3.002	.1	3.0	0.53
1,2,4-Trimethylbenzene	U	0.30	ug/m3	3.002	.1	3.0	0.30
Benzyl Chloride	U	0.56	ug/m3	3.002	.1	3.1	0.56
1,3-Dichlorobenzene	U	0.32	ug/m3	3.002	.1	3.6	0.32
Xylenes (Total)	J	3.4	ug/m3	3.002	.3	23.	1.1
1,4-Dichlorobenzene	U	0.76	ug/m3	3.002	.1	3.6	0.76
1,2-Dichlorobenzene	U	0.54	ug/m3	3.002	.1	3.6	0.54
1,2,4-Trichlorobenzene	U	0.62	ug/m3	3.002	.1	4.4	0.62
Naphthalene	JB	0.41	ug/m3	3.002	.1	3.1	0.35
Hexachlorobutadiene	U	0.70	ug/m3	3.002	.1	6.4	0.70

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-2DL
Client ID: IA-L2
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7184.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.12	ug/m3	1	.1	0.34	0.12
Dichlorodifluoromethane		3.1	ug/m3	1	.1	0.99	0.059
Chloromethane		1.2	ug/m3	1	.1	0.41	0.078
Freon-114	U	0.14	ug/m3	1	.1	1.4	0.14
Vinyl Chloride	U	0.077	ug/m3	1	.1	0.51	0.077
1,3-Butadiene	U	0.088	ug/m3	1	.1	0.44	0.088
Bromomethane	U	0.085	ug/m3	1	.1	0.78	0.085
Chloroethane	U	0.18	ug/m3	1	.1	0.53	0.18
Ethanol		200	ug/m3	1	.25	9.4	2.0
Acrolein	J	0.44	ug/m3	1	.1	0.46	0.23
Acetone		13.	ug/m3	1	.25	1.2	0.14
Trichlorofluoromethane		2.4	ug/m3	1	.1	1.1	0.16
Isopropyl Alcohol		17.	ug/m3	1	.25	1.2	0.14
1,1-Dichloroethene	U	0.071	ug/m3	1	.1	0.79	0.071
Methylene Chloride	J	0.73	ug/m3	1	.25	1.7	0.29
Freon-113	J	0.63	ug/m3	1	.1	1.5	0.12
Carbon Disulfide	J	0.078	ug/m3	1	.1	0.62	0.044
trans-1,2-Dichloroethene	U	0.12	ug/m3	1	.1	0.79	0.12
1,1-Dichloroethane	U	0.089	ug/m3	1	.1	0.81	0.089
Methyl tert-Butyl Ether	U	0.11	ug/m3	1	.1	0.72	0.11
Vinyl Acetate	U	0.10	ug/m3	1	.1	0.70	0.10
2-Butanone	J	0.53	ug/m3	1	.1	0.59	0.12
cis-1,2-Dichloroethene	U	0.12	ug/m3	1	.1	0.79	0.12
Hexane	J	1.4	ug/m3	1	.25	1.8	0.13
Chloroform	J	0.28	ug/m3	1	.1	0.98	0.088
Tetrahydrofuran	U	0.065	ug/m3	1	.1	0.59	0.065
1,2-Dichloroethane	J	0.089	ug/m3	1	.1	0.81	0.081
1,1,1-Trichloroethane	U	0.087	ug/m3	1	.1	1.1	0.087
Benzene		0.93	ug/m3	1	.1	0.64	0.038
Carbon Tetrachloride	J	0.56	ug/m3	1	.1	1.2	0.20
Cyclohexane	J	0.38	ug/m3	1	.1	0.69	0.062
1,2-Dichloropropane	U	0.18	ug/m3	1	.1	0.92	0.18
Bromodichloromethane	U	0.15	ug/m3	1	.1	1.3	0.15
1,4-Dioxane	U	0.16	ug/m3	1	.1	0.72	0.16
Methyl Methacrylate	U	0.065	ug/m3	1	.1	0.82	0.065

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-2DL
Client ID: IA-L2
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7184.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	U	0.097	ug/m3	1	.1	1.1	0.097
Heptane	J	0.45	ug/m3	1	.1	0.82	0.074
cis-1,3-Dichloropropene	U	0.091	ug/m3	1	.1	0.91	0.091
4-Methyl-2-Pentanone	U	0.11	ug/m3	1	.1	0.82	0.11
trans-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.91	0.045
1,1,2-Trichloroethane	U	0.13	ug/m3	1	.1	1.1	0.13
Toluene		2.8	ug/m3	1	.1	0.75	0.075
2-Hexanone	U	0.24	ug/m3	1	.1	0.82	0.24
Dibromochloromethane	U	0.19	ug/m3	1	.1	1.7	0.19
1,2-Dibromoethane	U	0.20	ug/m3	1	.1	1.5	0.20
Tetrachloroethene	U	0.18	ug/m3	1	.1	1.4	0.18
Chlorobenzene	U	0.055	ug/m3	1	.1	0.92	0.055
1,2-Dichloroethylene (Total)	U	0.24	ug/m3	1	.2	3.2	0.24
Ethylbenzene	J	0.36	ug/m3	1	.1	0.87	0.11
m+p-Xylenes	J	2.7	ug/m3	1	.2	3.5	0.31
Bromoform	U	0.16	ug/m3	1	.1	2.1	0.16
Styrene	U	0.11	ug/m3	1	.1	0.85	0.11
1,1,2,2-Tetrachloroethane	U	0.22	ug/m3	1	.1	1.4	0.22
4-Ethyltoluene	J	0.15	ug/m3	1	.1	0.98	0.14
o-Xylene	J	0.48	ug/m3	1	.1	0.87	0.12
1,3,5-Trimethylbenzene	U	0.18	ug/m3	1	.1	0.98	0.18
1,2,4-Trimethylbenzene	J	0.35	ug/m3	1	.1	0.98	0.098
Benzyl Chloride	U	0.19	ug/m3	1	.1	1.0	0.19
1,3-Dichlorobenzene	U	0.11	ug/m3	1	.1	1.2	0.11
Xylenes (Total)	J	5.6	ug/m3	1	.3	7.8	0.36
1,4-Dichlorobenzene	U	0.25	ug/m3	1	.1	1.2	0.25
1,2-Dichlorobenzene	U	0.18	ug/m3	1	.1	1.2	0.18
1,2,4-Trichlorobenzene	U	0.21	ug/m3	1	.1	1.5	0.21
Naphthalene	U	0.12	ug/m3	1	.1	1.0	0.12
Hexachlorobutadiene	U	0.23	ug/m3	1	.1	2.1	0.23

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-3DL
Client ID: IA-L3
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7185.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.12	ug/m3	1	.1	0.34	0.12
Dichlorodifluoromethane		3.3	ug/m3	1	.1	0.99	0.059
Chloromethane		1.2	ug/m3	1	.1	0.41	0.078
Freon-114	U	0.14	ug/m3	1	.1	1.4	0.14
Vinyl Chloride	U	0.077	ug/m3	1	.1	0.51	0.077
1,3-Butadiene	U	0.088	ug/m3	1	.1	0.44	0.088
Bromomethane	U	0.085	ug/m3	1	.1	0.78	0.085
Chloroethane	U	0.18	ug/m3	1	.1	0.53	0.18
Ethanol		190	ug/m3	1	.25	9.4	2.0
Acrolein		3.4	ug/m3	1	.1	0.46	0.23
Acetone		12.	ug/m3	1	.25	1.2	0.14
Trichlorofluoromethane		3.6	ug/m3	1	.1	1.1	0.16
Isopropyl Alcohol		5.6	ug/m3	1	.25	1.2	0.14
1,1-Dichloroethene	U	0.071	ug/m3	1	.1	0.79	0.071
Methylene Chloride	J	0.62	ug/m3	1	.25	1.7	0.29
Freon-113	J	0.61	ug/m3	1	.1	1.5	0.12
Carbon Disulfide	J	0.065	ug/m3	1	.1	0.62	0.044
trans-1,2-Dichloroethene	U	0.12	ug/m3	1	.1	0.79	0.12
1,1-Dichloroethane	U	0.089	ug/m3	1	.1	0.81	0.089
Methyl tert-Butyl Ether	U	0.11	ug/m3	1	.1	0.72	0.11
Vinyl Acetate	U	0.10	ug/m3	1	.1	0.70	0.10
2-Butanone		1.6	ug/m3	1	.1	0.59	0.12
cis-1,2-Dichloroethene	U	0.12	ug/m3	1	.1	0.79	0.12
Hexane		1.9	ug/m3	1	.25	1.8	0.13
Chloroform		1.5	ug/m3	1	.1	0.98	0.088
Tetrahydrofuran		2.0	ug/m3	1	.1	0.59	0.065
1,2-Dichloroethane	J	0.44	ug/m3	1	.1	0.81	0.081
1,1,1-Trichloroethane	U	0.087	ug/m3	1	.1	1.1	0.087
Benzene		1.5	ug/m3	1	.1	0.64	0.038
Carbon Tetrachloride	J	0.55	ug/m3	1	.1	1.2	0.20
Cyclohexane	J	0.58	ug/m3	1	.1	0.69	0.062
1,2-Dichloropropane	U	0.18	ug/m3	1	.1	0.92	0.18
Bromodichloromethane	U	0.15	ug/m3	1	.1	1.3	0.15
1,4-Dioxane	U	0.16	ug/m3	1	.1	0.72	0.16
Methyl Methacrylate	U	0.065	ug/m3	1	.1	0.82	0.065

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-3DL
Client ID: IA-L3
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7185.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	U	0.097	ug/m3	1	.1	1.1	0.097
Heptane		1.1	ug/m3	1	.1	0.82	0.074
cis-1,3-Dichloropropene	U	0.091	ug/m3	1	.1	0.91	0.091
4-Methyl-2-Pentanone	U	0.11	ug/m3	1	.1	0.82	0.11
trans-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.91	0.045
1,1,2-Trichloroethane	U	0.13	ug/m3	1	.1	1.1	0.13
Toluene		3.3	ug/m3	1	.1	0.75	0.075
2-Hexanone	U	0.24	ug/m3	1	.1	0.82	0.24
Dibromochloromethane	U	0.19	ug/m3	1	.1	1.7	0.19
1,2-Dibromoethane	U	0.20	ug/m3	1	.1	1.5	0.20
Tetrachloroethene	J	0.43	ug/m3	1	.1	1.4	0.18
Chlorobenzene	U	0.055	ug/m3	1	.1	0.92	0.055
1,2-Dichloroethylene (Total)	U	0.24	ug/m3	1	.2	3.2	0.24
Ethylbenzene	J	0.52	ug/m3	1	.1	0.87	0.11
m+p-Xylenes		4.2	ug/m3	1	.2	3.5	0.31
Bromoform	U	0.16	ug/m3	1	.1	2.1	0.16
Styrene	U	0.11	ug/m3	1	.1	0.85	0.11
1,1,2,2-Tetrachloroethane	U	0.22	ug/m3	1	.1	1.4	0.22
4-Ethyltoluene	J	0.18	ug/m3	1	.1	0.98	0.14
o-Xylene	J	0.74	ug/m3	1	.1	0.87	0.12
1,3,5-Trimethylbenzene	U	0.18	ug/m3	1	.1	0.98	0.18
1,2,4-Trimethylbenzene	J	0.64	ug/m3	1	.1	0.98	0.098
Benzyl Chloride	U	0.19	ug/m3	1	.1	1.0	0.19
1,3-Dichlorobenzene	U	0.11	ug/m3	1	.1	1.2	0.11
Xylenes (Total)		8.5	ug/m3	1	.3	7.8	0.36
1,4-Dichlorobenzene	U	0.25	ug/m3	1	.1	1.2	0.25
1,2-Dichlorobenzene	U	0.18	ug/m3	1	.1	1.2	0.18
1,2,4-Trichlorobenzene	U	0.21	ug/m3	1	.1	1.5	0.21
Naphthalene	JB	0.16	ug/m3	1	.1	1.0	0.12
Hexachlorobutadiene	U	0.23	ug/m3	1	.1	2.1	0.23

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-4
Client ID: SS-L1
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7186.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane		3.2	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	U	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane		2.0	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	J	0.24	ug/m3	1	.25	0.87	0.14
Freon-113	J	0.61	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	J	0.13	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	J	0.11	ug/m3	1	.25	0.88	0.067
Chloroform	J	0.10	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	J	0.20	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	J	0.13	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-4
Client ID: SS-L1
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7186.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	J	0.25	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene		6.6	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	J	0.082	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	J	0.59	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	J	0.13	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	J	0.14	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	J	0.34	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	JB	0.10	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	J	1.3	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	U	0.10	ug/m3	1	.1	0.74	0.10
Naphthalene	U	0.058	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	U	0.12	ug/m3	1	.1	1.1	0.12

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-5
Client ID: SS-L2
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7198.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane		2.8	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	J	0.12	ug/m3	1	.1	0.26	0.090
Ethanol		2.6	ug/m3	1	.25	0.47	0.10
Acrolein		1.0	ug/m3	1	.1	0.23	0.12
Acetone		24.	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane		1.5	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol		1.1	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	J	0.42	ug/m3	1	.25	0.87	0.14
Freon-113	J	0.57	ug/m3	1	.1	0.77	0.061
Carbon Disulfide		0.50	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone		3.5	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane		2.7	ug/m3	1	.25	0.88	0.067
Chloroform		32.	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	J	0.073	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene		0.99	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	J	0.52	ug/m3	1	.1	0.63	0.10
Cyclohexane		0.62	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1399-5
Client ID: SS-L2
Project: Former Dane's Laundry, Lewi
SDG: SH1399
Lab File ID: A7198.D

Sample Date: 05-MAR-14
Received Date: 06-MAR-14
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane		1.0	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene		1.8	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene		1.8	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	J	0.21	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	J	1.2	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	J	0.36	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	J	0.15	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	J	0.13	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	J	2.9	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	J	0.11	ug/m3	1	.1	0.74	0.10
Naphthalene	JB	0.14	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	JB	0.24	ug/m3	1	.1	1.1	0.12

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services	SDG : SH1399
Project : Former Dane's Laundry, Lewiston	Lab Sample ID : WG139871-2
Lab File ID : A7179.D	Date Analyzed : 11-MAR-14
Instrument ID : AIR1	Time Analyzed : 15:02
Heated Purge : No	

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG139871-1	A7177.D	03/11/14	13:33
IA-L1B	SH1399-1DL	A7183.D	03/11/14	17:50
IA-L2	SH1399-2DL	A7184.D	03/11/14	18:32
IA-L3	SH1399-3DL	A7185.D	03/11/14	19:14
SS-L1	SH1399-4	A7186.D	03/11/14	20:02

Report of Analytical Results

Client:
Lab ID: WG139871-2
Client ID: Method Blank Sample
Project:
SDG: SH1399
Lab File ID: A7179.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane	U	0.030	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	U	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane	U	0.079	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	U	0.14	ug/m3	1	.25	0.87	0.14
Freon-113	U	0.061	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	U	0.022	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	U	0.067	ug/m3	1	.25	0.88	0.067
Chloroform	U	0.044	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	U	0.019	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	U	0.10	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083

Report of Analytical Results

Client:
Lab ID: WG139871-2
Client ID: Method Blank Sample
Project:
SDG: SH1399
Lab File ID: A7179.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	U	0.038	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	J	0.084	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	J	0.16	ug/m3	1	.1	0.74	0.10
Naphthalene	J	0.19	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	J	0.36	ug/m3	1	.1	1.1	0.12

LCS Recovery Report

Client:
Lab ID: WG139871-1
Client ID: LCS
Project:
SDG: SH1399
LCS File ID: A7177.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Propene	78.0	5.00	3.90	ppb/v	70-130
Dichlorodifluoromethane	100.	5.00	5.00	ppb/v	70-130
Chloromethane	82.0	5.00	4.10	ppb/v	70-130
Freon-114	94.0	5.00	4.70	ppb/v	70-130
Vinyl Chloride	88.0	5.00	4.40	ppb/v	70-130
1,3-Butadiene	88.0	5.00	4.40	ppb/v	70-130
Bromomethane	92.0	5.00	4.60	ppb/v	70-130
Chloroethane	88.0	5.00	4.40	ppb/v	70-130
Ethanol	72.0	5.00	3.60	ppb/v	60-140
Acrolein	88.0	5.00	4.40	ppb/v	70-130
Acetone	98.0	5.00	4.90	ppb/v	60-140
Trichlorofluoromethane	106.	5.00	5.30	ppb/v	70-130
Isopropyl Alcohol	88.0	5.00	4.40	ppb/v	60-140
1,1-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Methylene Chloride	84.0	5.00	4.20	ppb/v	60-140
Freon-113	96.0	5.00	4.80	ppb/v	70-130
Carbon Disulfide	80.0	5.00	4.00	ppb/v	70-130
trans-1,2-Dichloroethene	88.0	5.00	4.40	ppb/v	70-130
1,1-Dichloroethane	90.0	5.00	4.50	ppb/v	70-130
Methyl tert-Butyl Ether	96.0	5.00	4.80	ppb/v	70-130
Vinyl Acetate	98.0	5.00	4.90	ppb/v	70-130
2-Butanone	92.0	5.00	4.60	ppb/v	70-130
cis-1,2-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Hexane	84.0	5.00	4.20	ppb/v	60-140
Chloroform	96.0	5.00	4.80	ppb/v	70-130
Tetrahydrofuran	86.0	5.00	4.30	ppb/v	70-130
1,2-Dichloroethane	108.	5.00	5.40	ppb/v	70-130
1,1,1-Trichloroethane	102.	5.00	5.10	ppb/v	70-130
Benzene	92.0	5.00	4.60	ppb/v	70-130
Carbon Tetrachloride	112.	5.00	5.60	ppb/v	70-130
Cyclohexane	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichloropropane	92.0	5.00	4.60	ppb/v	70-130
Bromodichloromethane	106.	5.00	5.30	ppb/v	70-130
1,4-Dioxane	88.0	5.00	4.40	ppb/v	70-130
Methyl Methacrylate	104.	5.00	5.20	ppb/v	70-130

LCS Recovery Report

Client:
Lab ID: WG139871-1
Client ID: LCS
Project:
SDG: SH1399
LCS File ID: A7177.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Trichloroethene	100.	5.00	5.00	ppb/v	70-130
Heptane	92.0	5.00	4.60	ppb/v	70-130
cis-1,3-Dichloropropene	100.	5.00	5.00	ppb/v	70-130
4-Methyl-2-Pentanone	98.0	5.00	4.90	ppb/v	70-130
trans-1,3-Dichloropropene	112.	5.00	5.60	ppb/v	70-130
1,1,2-Trichloroethane	98.0	5.00	4.90	ppb/v	70-130
Toluene	96.0	5.00	4.80	ppb/v	70-130
2-Hexanone	100.	5.00	5.00	ppb/v	70-130
Dibromochloromethane	112.	5.00	5.60	ppb/v	70-130
1,2-Dibromoethane	104.	5.00	5.20	ppb/v	70-130
Tetrachloroethene	100.	5.00	5.00	ppb/v	70-130
Chlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2-Dichloroethylene (Total)	90.0	10.0	9.00	ppb/v	70-130
Ethylbenzene	100.	5.00	5.00	ppb/v	70-130
m+p-Xylenes	99.0	10.0	9.90	ppb/v	70-130
Bromoform	114.	5.00	5.70	ppb/v	70-130
Styrene	104.	5.00	5.20	ppb/v	70-130
1,1,2,2-Tetrachloroethane	90.0	5.00	4.50	ppb/v	70-130
4-Ethyltoluene	104.	5.00	5.20	ppb/v	70-130
o-Xylene	98.0	5.00	4.90	ppb/v	70-130
1,3,5-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trimethylbenzene	102.	5.00	5.10	ppb/v	70-130
Benzyl Chloride	114.	5.00	5.70	ppb/v	70-130
1,3-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
Xylenes (Total)	98.7	15.0	14.8	ppb/v	70-130
1,4-Dichlorobenzene	102.	5.00	5.10	ppb/v	70-130
1,2-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trichlorobenzene	104.	5.00	5.20	ppb/v	70-130
Naphthalene	96.0	5.00	4.80	ppb/v	70-130
Hexachlorobutadiene	100.	5.00	5.00	ppb/v	70-130

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Dane's Laundry, Lewiston
Lab File ID : A7193.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1399
Lab Sample ID : WG139879-2
Date Analyzed : 12-MAR-14
Time Analyzed : 12:49

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG139879-1	A7190.D	03/12/14	10:39
IA-L1B	SH1399-1DL2	A7195.D	03/12/14	14:26
IA-L2	SH1399-2DL2	A7196.D	03/12/14	15:10
IA-L3	SH1399-3DL2	A7197.D	03/12/14	15:53
SS-L2	SH1399-5	A7198.D	03/12/14	16:41

Report of Analytical Results

Client:
Lab ID: WG139879-2
Client ID: Method Blank Sample
Project:
SDG: SH1399
Lab File ID: A7193.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane	U	0.030	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	U	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane	U	0.079	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	U	0.14	ug/m3	1	.25	0.87	0.14
Freon-113	U	0.061	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	U	0.022	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	U	0.067	ug/m3	1	.25	0.88	0.067
Chloroform	U	0.044	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	U	0.019	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	U	0.10	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083

Report of Analytical Results

Client:
Lab ID: WG139879-2
Client ID: Method Blank Sample
Project:
SDG: SH1399
Lab File ID: A7193.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	U	0.038	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	U	0.054	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	U	0.10	ug/m3	1	.1	0.74	0.10
Naphthalene	J	0.24	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	J	0.17	ug/m3	1	.1	1.1	0.12

LCS Recovery Report

Client:
Lab ID: WG139879-1
Client ID: LCS
Project:
SDG: SH1399
LCS File ID: A7190.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Propene	82.0	5.00	4.10	ppb/v	70-130
Dichlorodifluoromethane	98.0	5.00	4.90	ppb/v	70-130
Chloromethane	80.0	5.00	4.00	ppb/v	70-130
Freon-114	90.0	5.00	4.50	ppb/v	70-130
Vinyl Chloride	84.0	5.00	4.20	ppb/v	70-130
1,3-Butadiene	84.0	5.00	4.20	ppb/v	70-130
Bromomethane	86.0	5.00	4.30	ppb/v	70-130
Chloroethane	80.0	5.00	4.00	ppb/v	70-130
Ethanol	66.0	5.00	3.30	ppb/v	60-140
Acrolein	82.0	5.00	4.10	ppb/v	70-130
Acetone	88.0	5.00	4.40	ppb/v	60-140
Trichlorofluoromethane	92.0	5.00	4.60	ppb/v	70-130
Isopropyl Alcohol	78.0	5.00	3.90	ppb/v	60-140
1,1-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Methylene Chloride	86.0	5.00	4.30	ppb/v	60-140
Freon-113	94.0	5.00	4.70	ppb/v	70-130
Carbon Disulfide	82.0	5.00	4.10	ppb/v	70-130
trans-1,2-Dichloroethene	88.0	5.00	4.40	ppb/v	70-130
1,1-Dichloroethane	90.0	5.00	4.50	ppb/v	70-130
Methyl tert-Butyl Ether	92.0	5.00	4.60	ppb/v	70-130
Vinyl Acetate	98.0	5.00	4.90	ppb/v	70-130
2-Butanone	94.0	5.00	4.70	ppb/v	70-130
cis-1,2-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Hexane	84.0	5.00	4.20	ppb/v	60-140
Chloroform	98.0	5.00	4.90	ppb/v	70-130
Tetrahydrofuran	88.0	5.00	4.40	ppb/v	70-130
1,2-Dichloroethane	110.	5.00	5.50	ppb/v	70-130
1,1,1-Trichloroethane	102.	5.00	5.10	ppb/v	70-130
Benzene	90.0	5.00	4.50	ppb/v	70-130
Carbon Tetrachloride	112.	5.00	5.60	ppb/v	70-130
Cyclohexane	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichloropropane	92.0	5.00	4.60	ppb/v	70-130
Bromodichloromethane	106.	5.00	5.30	ppb/v	70-130
1,4-Dioxane	88.0	5.00	4.40	ppb/v	70-130
Methyl Methacrylate	106.	5.00	5.30	ppb/v	70-130

LCS Recovery Report

Client:
Lab ID: WG139879-1
Client ID: LCS
Project:
SDG: SH1399
LCS File ID: A7190.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 13-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Trichloroethene	100.	5.00	5.00	ppb/v	70-130
Heptane	92.0	5.00	4.60	ppb/v	70-130
cis-1,3-Dichloropropene	100.	5.00	5.00	ppb/v	70-130
4-Methyl-2-Pentanone	98.0	5.00	4.90	ppb/v	70-130
trans-1,3-Dichloropropene	112.	5.00	5.60	ppb/v	70-130
1,1,2-Trichloroethane	98.0	5.00	4.90	ppb/v	70-130
Toluene	96.0	5.00	4.80	ppb/v	70-130
2-Hexanone	98.0	5.00	4.90	ppb/v	70-130
Dibromochloromethane	110.	5.00	5.50	ppb/v	70-130
1,2-Dibromoethane	104.	5.00	5.20	ppb/v	70-130
Tetrachloroethene	96.0	5.00	4.80	ppb/v	70-130
Chlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2-Dichloroethylene (Total)	89.0	10.0	8.90	ppb/v	70-130
Ethylbenzene	98.0	5.00	4.90	ppb/v	70-130
m+p-Xylenes	97.0	10.0	9.70	ppb/v	70-130
Bromoform	110.	5.00	5.50	ppb/v	70-130
Styrene	102.	5.00	5.10	ppb/v	70-130
1,1,2,2-Tetrachloroethane	92.0	5.00	4.60	ppb/v	70-130
4-Ethyltoluene	104.	5.00	5.20	ppb/v	70-130
o-Xylene	98.0	5.00	4.90	ppb/v	70-130
1,3,5-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
Benzyl Chloride	108.	5.00	5.40	ppb/v	70-130
1,3-Dichlorobenzene	98.0	5.00	4.90	ppb/v	70-130
Xylenes (Total)	97.3	15.0	14.6	ppb/v	70-130
1,4-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
1,2-Dichlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2,4-Trichlorobenzene	96.0	5.00	4.80	ppb/v	70-130
Naphthalene	90.0	5.00	4.50	ppb/v	70-130
Hexachlorobutadiene	94.0	5.00	4.70	ppb/v	70-130



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

Air Analysis Chain of Custody

Client: DEP Contact: Becky Blais Phone: 446-2564 Fax: _____
 Address: 17 State House Station City: Augusta State: ME Zip: 04333-0017
 Purchase Order #: _____ Project Name/No.: Former Dave's Laundry Leiston E-mail: becky.blais@maine.gov
 Billing Address (if different): _____

Sampler (Print/Sign): Becky Blais Copies To: _____

Lab Use Only Work Order #: SH1399 KAS Project Manager: _____ Requested Services: _____
 Shipping: UPS Fed-Ex Mail Drop-Off

Sample Description (Sample Identification and/or Lot #)	Collection					Matrix	Sampler	Can Size	Can ID	Flow Controller ID	Comments
	Date	Start Time	End Time	Initial Vac	Final Vac						
IA-L1B	3/4-3/5/14	925	935	-28.5	0		Indoor Air	6L	0021	0260	
IA-L2	3/4-3/5/14	930	930	-21.5	0		Indoor Air	6L	0298	0316	
IA-L3	3/4-3/5/14	950	1030	-30	0		Indoor Air	6L	0272	0247	
SS-L1	3/5/14	947	958	-230	-4		SS	1L	0196	0168	
SS-L2	3/5/14	1041	1050	-27	-3		SS	L2	1514	952	

Relinquished By: Becky Blais Date/Time: 3/5/14 1200 Received By: _____ Date/Time: _____

Katahdin inspects and verifies all equipment including, but not limited to, canisters and flow controllers before being sent to the client. As the client you have agreed to pay a rental fee for use of this equipment, which is the sole property of Katahdin. All equipment will be inspected for damage and completeness upon return to Katahdin. In the event that rental equipment is missing and/or damaged, by signing this COC, you (the client) agrees to pay Katahdin for replacement of any unuseable, damaged or missing equipment.

Mar. 07, 2014

08:53 AM

Login Number: SH1399

Quote/Incoming:

Account:MAINED001

Web

Maine DEP

Login Information:

Project:MAINED001AIR

Air ND to MDL

ANALYSIS INSTRUCTIONS :
CHECK NO. :
CLIENT PO# :
CLIENT PROJECT MANAGE :
CONTRACT :
COOLER TEMPERATURE : n/a
DELIVERY SERVICES : KAS
EDD FORMAT : KAS064-XLS
LOGIN INITIALS : GN
PM : SMB
PROJECT NAME : Former Dane's Laundry, Lewiston
QC LEVEL : II+
REGULATORY LIST :
REPORT INSTRUCTIONS : Email pdf, EDD and Invoice to Becky Blais(
Becky.Blais@Maine.gov), no HC
SDG ID :
SDG STATUS :

Primary Report Address:

Becky Blais
Maine DEP
State House Station 17

Augusta,ME 04333

becky.blais@maine.gov

Primary Invoice Address:

Accounts Payable
Maine DEP
State House Station 17

Augusta,ME 04333-0017

Report CC Addresses:

Invoice CC Addresses:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH1399-1	IA-L1B	05-MAR-14 09:35	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>		<i>Comments</i>
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	04-APR-14					
SH1399-2	IA-L2	05-MAR-14 09:30	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>		<i>Comments</i>
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	04-APR-14					
SH1399-3	IA-L3	05-MAR-14 10:30	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>		<i>Comments</i>
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	04-APR-14					
SH1399-4	SS-L1	05-MAR-14 09:58	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>		<i>Comments</i>
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	04-APR-14					
SH1399-5	SS-L2	05-MAR-14 10:50	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>		<i>Comments</i>
Air	S CANISTER_RENTAL		Canister				
Air	S MA-APH	04-APR-14					
Air	S TO-15	04-APR-14					

Total Samples: 5

Total Analyses: 11

March 13, 2014

Ms. Becky Blais
Maine DEP
State House Station 17
Augusta, ME 04333

RE: Katahdin Lab Number: SH1400
Project ID: Former Beal's Linen, Auburn
Project Manager: Ms. Shelly Brown
Sample Receipt Date(s): March 06, 2014

Dear Ms. Blais:

Please find enclosed the following information:

- * Report of Analysis (Analytical and/or Field)
- * Quality Control Data Summary
- * Chain of Custody (COC)
- * Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to <http://www.katahdinlab.com/cert.html> for copies of Katahdin Analytical Services Inc. current certificates and analyte lists.

Sincerely,
KATAHDIN ANALYTICAL SERVICES



Authorized Signature

03/13/2014

Date

TECHNICAL NARRATIVE

Organics Analysis

The samples of Work Order SH1400 were analyzed in accordance with “Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Compendium Method TO-15.” 2nd Edition, 1999, Office of Research and Development, U.S. EPA, and/or for the specific methods listed below or on the Report of Analysis.

TO-15 Analysis

The target analytes acetone, methylene chloride, 1,3-dichlorobenzene, 1,2,4-trichlorobenzene, naphthalene, and/or hexachlorobutadiene were detected in the method blanks WG139772-2, WG139871-2, and WG139879-2 above the MDL but below the PQL. The laboratory policy is not to take corrective action unless the concentration of the target analyte is above the PQL. If the analytes were also detected in the associated samples, the analytes are flagged with a “B” qualifier indicating they were detected in the method blank analyzed concurrently with the sample.

There were no other protocol deviations or observations noted by the organics laboratory staff.

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Limit of Quantitation (LOQ)(previously called Practical Quantitation Level (PQL)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL/LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Limit of Quantitation (LOQ)(previously called Practical Quantitation Limit (PQL)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-1
Client ID: IA-A1
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7153.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane		3.4	ug/m3	1	.1	0.49	0.030
Chloromethane		3.7	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol		210	ug/m3	3.499	.25	6.6	1.4
Acrolein		2.8	ug/m3	1	.1	0.23	0.12
Acetone		220	ug/m3	3.499	.25	8.3	0.96
Trichlorofluoromethane		9.5	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol		100	ug/m3	3.499	.25	8.6	1.0
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	JB	0.56	ug/m3	1	.25	0.87	0.14
Freon-113	J	0.54	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	J	0.093	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone		2.9	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	J	0.74	ug/m3	1	.25	0.88	0.067
Chloroform		0.58	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran		0.91	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene		2.8	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride		0.82	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083
Methyl Methacrylate		2.8	ug/m3	1	.1	0.41	0.033

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-1
Client ID: IA-A1
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7153.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	J	0.14	ug/m3	1	.1	0.54	0.048
Heptane		1.1	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene		4.5	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene		14.	ug/m3	1	.1	0.68	0.088
Chlorobenzene		0.92	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene		3.7	ug/m3	1	.1	0.43	0.056
m+p-Xylenes		11.	ug/m3	1	.2	1.7	0.16
Bromoform	J	0.73	ug/m3	1	.1	1.0	0.083
Styrene		17.	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene		0.69	ug/m3	1	.1	0.49	0.069
o-Xylene		3.5	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	J	0.27	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene		0.79	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	J	0.084	ug/m3	1	.1	0.60	0.054
Xylenes (Total)		27.	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	J	0.10	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	JB	0.33	ug/m3	1	.1	0.74	0.10
Naphthalene	B	0.78	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	JB	0.21	ug/m3	1	.1	1.1	0.12

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-2DL2
Client ID: IA-A2
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7181.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.10	ug/m3	3.329	.1	0.29	0.10
Dichlorodifluoromethane		14.	ug/m3	3.329	.1	0.82	0.049
Chloromethane		1.2	ug/m3	3.329	.1	0.34	0.065
Freon-114	U	0.12	ug/m3	3.329	.1	1.2	0.12
Vinyl Chloride	U	0.064	ug/m3	3.329	.1	0.42	0.064
1,3-Butadiene	U	0.074	ug/m3	3.329	.1	0.37	0.074
Bromomethane	U	0.071	ug/m3	3.329	.1	0.65	0.071
Chloroethane	U	0.15	ug/m3	3.329	.1	0.44	0.15
Ethanol		190	ug/m3	3.329	.25	6.3	1.4
Acrolein		1.4	ug/m3	3.329	.1	0.38	0.19
Acetone		27.	ug/m3	3.329	.25	0.99	0.11
Trichlorofluoromethane		2.0	ug/m3	3.329	.1	0.93	0.13
Isopropyl Alcohol		3.9	ug/m3	3.329	.25	1.0	0.12
1,1-Dichloroethene	U	0.059	ug/m3	3.329	.1	0.66	0.059
Methylene Chloride	J	0.56	ug/m3	3.329	.25	1.4	0.24
Freon-113	J	0.58	ug/m3	3.329	.1	1.3	0.10
Carbon Disulfide	J	0.13	ug/m3	3.329	.1	0.52	0.036
trans-1,2-Dichloroethene	U	0.099	ug/m3	3.329	.1	0.66	0.099
1,1-Dichloroethane	U	0.074	ug/m3	3.329	.1	0.67	0.074
Methyl tert-Butyl Ether	U	0.090	ug/m3	3.329	.1	0.60	0.090
Vinyl Acetate	U	0.088	ug/m3	3.329	.1	0.58	0.088
2-Butanone		1.1	ug/m3	3.329	.1	0.49	0.10
cis-1,2-Dichloroethene	J	0.38	ug/m3	3.329	.1	0.66	0.099
Hexane	J	0.67	ug/m3	3.329	.25	1.5	0.11
Chloroform		0.88	ug/m3	3.329	.1	0.81	0.073
Tetrahydrofuran	U	0.054	ug/m3	3.329	.1	0.49	0.054
1,2-Dichloroethane		0.97	ug/m3	3.329	.1	0.67	0.067
1,1,1-Trichloroethane	J	0.098	ug/m3	3.329	.1	0.91	0.073
Benzene		1.7	ug/m3	3.329	.1	0.53	0.032
Carbon Tetrachloride	J	0.58	ug/m3	3.329	.1	1.0	0.17
Cyclohexane		0.69	ug/m3	3.329	.1	0.57	0.052
1,2-Dichloropropane	U	0.15	ug/m3	3.329	.1	0.77	0.15
Bromodichloromethane	U	0.12	ug/m3	3.329	.1	1.1	0.12
1,4-Dioxane	U	0.14	ug/m3	3.329	.1	0.60	0.14
Methyl Methacrylate	U	0.054	ug/m3	3.329	.1	0.68	0.054

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-2DL2
Client ID: IA-A2
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7181.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene		12.	ug/m3	3.329	.1	0.89	0.080
Heptane	J	0.53	ug/m3	3.329	.1	0.68	0.061
cis-1,3-Dichloropropene	U	0.076	ug/m3	3.329	.1	0.76	0.076
4-Methyl-2-Pentanone	U	0.089	ug/m3	3.329	.1	0.68	0.089
trans-1,3-Dichloropropene	U	0.038	ug/m3	3.329	.1	0.76	0.038
1,1,2-Trichloroethane	U	0.11	ug/m3	3.329	.1	0.91	0.11
Toluene		3.0	ug/m3	3.329	.1	0.63	0.063
2-Hexanone	U	0.20	ug/m3	3.329	.1	0.68	0.20
Dibromochloromethane	U	0.16	ug/m3	3.329	.1	1.4	0.16
1,2-Dibromoethane	U	0.17	ug/m3	3.329	.1	1.3	0.17
Tetrachloroethene		1100	ug/m3	3.329	.1	9.0	1.2
Chlorobenzene	U	0.046	ug/m3	3.329	.1	0.76	0.046
1,2-Dichloroethylene (Total)	J	0.76	ug/m3	3.329	.2	2.6	0.20
Ethylbenzene	J	0.26	ug/m3	3.329	.1	0.72	0.094
m+p-Xylenes	J	1.6	ug/m3	3.329	.2	2.9	0.26
Bromoform	U	0.14	ug/m3	3.329	.1	1.7	0.14
Styrene	J	0.22	ug/m3	3.329	.1	0.71	0.092
1,1,2,2-Tetrachloroethane	U	0.18	ug/m3	3.329	.1	1.1	0.18
4-Ethyltoluene	U	0.11	ug/m3	3.329	.1	0.82	0.11
o-Xylene	J	0.31	ug/m3	3.329	.1	0.72	0.10
1,3,5-Trimethylbenzene	U	0.15	ug/m3	3.329	.1	0.82	0.15
1,2,4-Trimethylbenzene	J	0.41	ug/m3	3.329	.1	0.82	0.082
Benzyl Chloride	U	0.16	ug/m3	3.329	.1	0.86	0.16
1,3-Dichlorobenzene	U	0.090	ug/m3	3.329	.1	1.0	0.090
Xylenes (Total)	J	3.4	ug/m3	3.329	.3	6.5	0.30
1,4-Dichlorobenzene	U	0.21	ug/m3	3.329	.1	1.0	0.21
1,2-Dichlorobenzene	U	0.15	ug/m3	3.329	.1	1.0	0.15
1,2,4-Trichlorobenzene	J	0.18	ug/m3	3.329	.1	1.2	0.17
Naphthalene	U	0.096	ug/m3	3.329	.1	0.87	0.096
Hexachlorobutadiene	U	0.20	ug/m3	3.329	.1	1.8	0.20

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-3
Client ID: SS-A1
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7155.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane		1600	ug/m3	25.791	.1	130	7.6
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol		25.	ug/m3	1	.25	0.47	0.10
Acrolein	J	0.17	ug/m3	1	.1	0.23	0.12
Acetone		17.	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane		1.8	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol		2.7	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	JB	0.69	ug/m3	1	.25	0.87	0.14
Freon-113	J	0.57	ug/m3	1	.1	0.77	0.061
Carbon Disulfide		0.47	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	J	0.10	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone		1.1	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene		6.7	ug/m3	1	.1	0.40	0.059
Hexane	J	0.17	ug/m3	1	.25	0.88	0.067
Chloroform		10.	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	J	0.30	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	J	0.41	ug/m3	1	.1	0.63	0.10
Cyclohexane	J	0.11	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane		1.3	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-3
Client ID: SS-A1
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7155.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene		190	ug/m3	25.791	.1	140	12.
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	J	0.34	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene		16000	ug/m3	25.791	.1	170	23.
Chlorobenzene	J	0.092	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)		13.	ug/m3	1	.2	1.6	0.12
Ethylbenzene	J	0.065	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	J	0.42	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	J	0.10	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	J	0.21	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	J	0.084	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	J	0.94	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	U	0.10	ug/m3	1	.1	0.74	0.10
Naphthalene	JB	0.19	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	U	0.12	ug/m3	1	.1	1.1	0.12

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-4
Client ID: SV-A2
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7156.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene		6.4	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane		3.7	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol		1.8	ug/m3	1	.25	0.47	0.10
Acrolein		0.32	ug/m3	1	.1	0.23	0.12
Acetone		12.	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane		1.5	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol		4.2	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	JB	0.49	ug/m3	1	.25	0.87	0.14
Freon-113	J	0.55	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	J	0.19	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone		1.2	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	J	0.28	ug/m3	1	.25	0.88	0.067
Chloroform	J	0.088	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	J	0.082	ug/m3	1	.1	0.54	0.044
Benzene		0.51	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	J	0.28	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1400-4
Client ID: SV-A2
Project: Former Beal's Linen, Auburn
SDG: SH1400
Lab File ID: A7156.D

Sample Date: 04-MAR-14
Received Date: 06-MAR-14
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Trichloroethene	J	0.33	ug/m3	1	.1	0.54	0.048
Heptane	J	0.14	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	J	0.33	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene		89.	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	U	0.054	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	U	0.10	ug/m3	1	.1	0.74	0.10
Naphthalene	U	0.058	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	U	0.12	ug/m3	1	.1	1.1	0.12

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Beal's Linen, Auburn
Lab File ID : A7140.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1400
Lab Sample ID : WG139772-2
Date Analyzed : 07-MAR-14
Time Analyzed : 10:45

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG139772-1	A7139.D	03/07/14	09:59
IA-A1	SH1400-1	A7153.D	03/07/14	20:14
SS-A1	SH1400-3	A7155.D	03/07/14	21:49
SV-A2	SH1400-4	A7156.D	03/07/14	22:37

Report of Analytical Results

Client:
Lab ID: WG139772-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7140.D

Sample Date:
Received Date:
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane	U	0.030	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	J	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane	U	0.079	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	J	0.34	ug/m3	1	.25	0.87	0.14
Freon-113	U	0.061	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	U	0.022	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	U	0.067	ug/m3	1	.25	0.88	0.067
Chloroform	U	0.044	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	U	0.019	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	U	0.10	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083

Report of Analytical Results

Client:
Lab ID: WG139772-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7140.D

Sample Date:
Received Date:
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	U	0.038	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	U	0.054	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	J	0.12	ug/m3	1	.1	0.74	0.10
Naphthalene	J	0.14	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	J	0.22	ug/m3	1	.1	1.1	0.12

LCS Recovery Report

Client:
Lab ID: WG139772-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7139.D

Sample Date:
Received Date:
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Propene	78.0	5.00	3.90	ppb/v	70-130
Dichlorodifluoromethane	90.0	5.00	4.50	ppb/v	70-130
Chloromethane	80.0	5.00	4.00	ppb/v	70-130
Freon-114	86.0	5.00	4.30	ppb/v	70-130
Vinyl Chloride	82.0	5.00	4.10	ppb/v	70-130
1,3-Butadiene	80.0	5.00	4.00	ppb/v	70-130
Bromomethane	84.0	5.00	4.20	ppb/v	70-130
Chloroethane	80.0	5.00	4.00	ppb/v	70-130
Ethanol	66.0	5.00	3.30	ppb/v	60-140
Acrolein	80.0	5.00	4.00	ppb/v	70-130
Acetone	88.0	5.00	4.40	ppb/v	60-140
Trichlorofluoromethane	88.0	5.00	4.40	ppb/v	70-130
Isopropyl Alcohol	78.0	5.00	3.90	ppb/v	60-140
1,1-Dichloroethene	84.0	5.00	4.20	ppb/v	70-130
Methylene Chloride	82.0	5.00	4.10	ppb/v	60-140
Freon-113	88.0	5.00	4.40	ppb/v	70-130
Carbon Disulfide	78.0	5.00	3.90	ppb/v	70-130
trans-1,2-Dichloroethene	84.0	5.00	4.20	ppb/v	70-130
1,1-Dichloroethane	84.0	5.00	4.20	ppb/v	70-130
Methyl tert-Butyl Ether	84.0	5.00	4.20	ppb/v	70-130
Vinyl Acetate	86.0	5.00	4.30	ppb/v	70-130
2-Butanone	88.0	5.00	4.40	ppb/v	70-130
cis-1,2-Dichloroethene	86.0	5.00	4.30	ppb/v	70-130
Hexane	82.0	5.00	4.10	ppb/v	60-140
Chloroform	88.0	5.00	4.40	ppb/v	70-130
Tetrahydrofuran	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichloroethane	88.0	5.00	4.40	ppb/v	70-130
1,1,1-Trichloroethane	88.0	5.00	4.40	ppb/v	70-130
Benzene	82.0	5.00	4.10	ppb/v	70-130
Carbon Tetrachloride	90.0	5.00	4.50	ppb/v	70-130
Cyclohexane	82.0	5.00	4.10	ppb/v	70-130
1,2-Dichloropropane	84.0	5.00	4.20	ppb/v	70-130
Bromodichloromethane	90.0	5.00	4.50	ppb/v	70-130
1,4-Dioxane	82.0	5.00	4.10	ppb/v	70-130
Methyl Methacrylate	90.0	5.00	4.50	ppb/v	70-130

LCS Recovery Report

Client:
Lab ID: WG139772-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7139.D

Sample Date:
Received Date:
Extract Date: 07-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139772

Analysis Date: 07-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Trichloroethene	86.0	5.00	4.30	ppb/v	70-130
Heptane	82.0	5.00	4.10	ppb/v	70-130
cis-1,3-Dichloropropene	88.0	5.00	4.40	ppb/v	70-130
4-Methyl-2-Pentanone	86.0	5.00	4.30	ppb/v	70-130
trans-1,3-Dichloropropene	92.0	5.00	4.60	ppb/v	70-130
1,1,2-Trichloroethane	88.0	5.00	4.40	ppb/v	70-130
Toluene	86.0	5.00	4.30	ppb/v	70-130
2-Hexanone	84.0	5.00	4.20	ppb/v	70-130
Dibromochloromethane	90.0	5.00	4.50	ppb/v	70-130
1,2-Dibromoethane	90.0	5.00	4.50	ppb/v	70-130
Tetrachloroethene	84.0	5.00	4.20	ppb/v	70-130
Chlorobenzene	82.0	5.00	4.10	ppb/v	70-130
1,2-Dichloroethylene (Total)	85.0	10.0	8.50	ppb/v	70-130
Ethylbenzene	86.0	5.00	4.30	ppb/v	70-130
m+p-Xylenes	83.0	10.0	8.30	ppb/v	70-130
Bromoform	92.0	5.00	4.60	ppb/v	70-130
Styrene	88.0	5.00	4.40	ppb/v	70-130
1,1,2,2-Tetrachloroethane	78.0	5.00	3.90	ppb/v	70-130
4-Ethyltoluene	88.0	5.00	4.40	ppb/v	70-130
o-Xylene	84.0	5.00	4.20	ppb/v	70-130
1,3,5-Trimethylbenzene	86.0	5.00	4.30	ppb/v	70-130
1,2,4-Trimethylbenzene	86.0	5.00	4.30	ppb/v	70-130
Benzyl Chloride	86.0	5.00	4.30	ppb/v	70-130
1,3-Dichlorobenzene	84.0	5.00	4.20	ppb/v	70-130
Xylenes (Total)	83.3	15.0	12.5	ppb/v	70-130
1,4-Dichlorobenzene	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichlorobenzene	82.0	5.00	4.10	ppb/v	70-130
1,2,4-Trichlorobenzene	84.0	5.00	4.20	ppb/v	70-130
Naphthalene	80.0	5.00	4.00	ppb/v	70-130
Hexachlorobutadiene	76.0	5.00	3.80	ppb/v	70-130

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Beal's Linen, Auburn
Lab File ID : A7179.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1400
Lab Sample ID : WG139871-2
Date Analyzed : 11-MAR-14
Time Analyzed : 15:02

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG139871-1	A7177.D	03/11/14	13:33
IA-A1	SH1400-1DL2	A7180.D	03/11/14	15:44
IA-A2	SH1400-2DL2	A7181.D	03/11/14	16:26
SS-A1	SH1400-3DL2	A7182.D	03/11/14	17:08

Report of Analytical Results

Client:
Lab ID: WG139871-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7179.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane	U	0.030	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	U	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane	U	0.079	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	U	0.14	ug/m3	1	.25	0.87	0.14
Freon-113	U	0.061	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	U	0.022	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	U	0.067	ug/m3	1	.25	0.88	0.067
Chloroform	U	0.044	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	U	0.019	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	U	0.10	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083

Report of Analytical Results

Client:
Lab ID: WG139871-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7179.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	U	0.038	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	J	0.084	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	J	0.16	ug/m3	1	.1	0.74	0.10
Naphthalene	J	0.19	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	J	0.36	ug/m3	1	.1	1.1	0.12

LCS Recovery Report

Client:
Lab ID: WG139871-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7177.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Propene	78.0	5.00	3.90	ppb/v	70-130
Dichlorodifluoromethane	100.	5.00	5.00	ppb/v	70-130
Chloromethane	82.0	5.00	4.10	ppb/v	70-130
Freon-114	94.0	5.00	4.70	ppb/v	70-130
Vinyl Chloride	88.0	5.00	4.40	ppb/v	70-130
1,3-Butadiene	88.0	5.00	4.40	ppb/v	70-130
Bromomethane	92.0	5.00	4.60	ppb/v	70-130
Chloroethane	88.0	5.00	4.40	ppb/v	70-130
Ethanol	72.0	5.00	3.60	ppb/v	60-140
Acrolein	88.0	5.00	4.40	ppb/v	70-130
Acetone	98.0	5.00	4.90	ppb/v	60-140
Trichlorofluoromethane	106.	5.00	5.30	ppb/v	70-130
Isopropyl Alcohol	88.0	5.00	4.40	ppb/v	60-140
1,1-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Methylene Chloride	84.0	5.00	4.20	ppb/v	60-140
Freon-113	96.0	5.00	4.80	ppb/v	70-130
Carbon Disulfide	80.0	5.00	4.00	ppb/v	70-130
trans-1,2-Dichloroethene	88.0	5.00	4.40	ppb/v	70-130
1,1-Dichloroethane	90.0	5.00	4.50	ppb/v	70-130
Methyl tert-Butyl Ether	96.0	5.00	4.80	ppb/v	70-130
Vinyl Acetate	98.0	5.00	4.90	ppb/v	70-130
2-Butanone	92.0	5.00	4.60	ppb/v	70-130
cis-1,2-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Hexane	84.0	5.00	4.20	ppb/v	60-140
Chloroform	96.0	5.00	4.80	ppb/v	70-130
Tetrahydrofuran	86.0	5.00	4.30	ppb/v	70-130
1,2-Dichloroethane	108.	5.00	5.40	ppb/v	70-130
1,1,1-Trichloroethane	102.	5.00	5.10	ppb/v	70-130
Benzene	92.0	5.00	4.60	ppb/v	70-130
Carbon Tetrachloride	112.	5.00	5.60	ppb/v	70-130
Cyclohexane	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichloropropane	92.0	5.00	4.60	ppb/v	70-130
Bromodichloromethane	106.	5.00	5.30	ppb/v	70-130
1,4-Dioxane	88.0	5.00	4.40	ppb/v	70-130
Methyl Methacrylate	104.	5.00	5.20	ppb/v	70-130

LCS Recovery Report

Client:
Lab ID: WG139871-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7177.D

Sample Date:
Received Date:
Extract Date: 11-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG139871

Analysis Date: 11-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Trichloroethene	100.	5.00	5.00	ppb/v	70-130
Heptane	92.0	5.00	4.60	ppb/v	70-130
cis-1,3-Dichloropropene	100.	5.00	5.00	ppb/v	70-130
4-Methyl-2-Pentanone	98.0	5.00	4.90	ppb/v	70-130
trans-1,3-Dichloropropene	112.	5.00	5.60	ppb/v	70-130
1,1,2-Trichloroethane	98.0	5.00	4.90	ppb/v	70-130
Toluene	96.0	5.00	4.80	ppb/v	70-130
2-Hexanone	100.	5.00	5.00	ppb/v	70-130
Dibromochloromethane	112.	5.00	5.60	ppb/v	70-130
1,2-Dibromoethane	104.	5.00	5.20	ppb/v	70-130
Tetrachloroethene	100.	5.00	5.00	ppb/v	70-130
Chlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2-Dichloroethylene (Total)	90.0	10.0	9.00	ppb/v	70-130
Ethylbenzene	100.	5.00	5.00	ppb/v	70-130
m+p-Xylenes	99.0	10.0	9.90	ppb/v	70-130
Bromoform	114.	5.00	5.70	ppb/v	70-130
Styrene	104.	5.00	5.20	ppb/v	70-130
1,1,2,2-Tetrachloroethane	90.0	5.00	4.50	ppb/v	70-130
4-Ethyltoluene	104.	5.00	5.20	ppb/v	70-130
o-Xylene	98.0	5.00	4.90	ppb/v	70-130
1,3,5-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trimethylbenzene	102.	5.00	5.10	ppb/v	70-130
Benzyl Chloride	114.	5.00	5.70	ppb/v	70-130
1,3-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
Xylenes (Total)	98.7	15.0	14.8	ppb/v	70-130
1,4-Dichlorobenzene	102.	5.00	5.10	ppb/v	70-130
1,2-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trichlorobenzene	104.	5.00	5.20	ppb/v	70-130
Naphthalene	96.0	5.00	4.80	ppb/v	70-130
Hexachlorobutadiene	100.	5.00	5.00	ppb/v	70-130

Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Beal's Linen, Auburn
Lab File ID : A7193.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1400
Lab Sample ID : WG139879-2
Date Analyzed : 12-MAR-14
Time Analyzed : 12:49

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG139879-1	A7190.D	03/12/14	10:39
IA-A2	SH1400-2DL3	A7194.D	03/12/14	13:42

Report of Analytical Results

Client:
Lab ID: WG139879-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7193.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Propene	U	0.060	ug/m3	1	.1	0.17	0.060
Dichlorodifluoromethane	U	0.030	ug/m3	1	.1	0.49	0.030
Chloromethane	U	0.039	ug/m3	1	.1	0.21	0.039
Freon-114	U	0.070	ug/m3	1	.1	0.70	0.070
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26	0.038
1,3-Butadiene	U	0.044	ug/m3	1	.1	0.22	0.044
Bromomethane	U	0.043	ug/m3	1	.1	0.39	0.043
Chloroethane	U	0.090	ug/m3	1	.1	0.26	0.090
Ethanol	U	0.10	ug/m3	1	.25	0.47	0.10
Acrolein	U	0.12	ug/m3	1	.1	0.23	0.12
Acetone	U	0.069	ug/m3	1	.25	0.59	0.069
Trichlorofluoromethane	U	0.079	ug/m3	1	.1	0.56	0.079
Isopropyl Alcohol	U	0.071	ug/m3	1	.25	0.61	0.071
1,1-Dichloroethene	U	0.036	ug/m3	1	.1	0.40	0.036
Methylene Chloride	U	0.14	ug/m3	1	.25	0.87	0.14
Freon-113	U	0.061	ug/m3	1	.1	0.77	0.061
Carbon Disulfide	U	0.022	ug/m3	1	.1	0.31	0.022
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
1,1-Dichloroethane	U	0.044	ug/m3	1	.1	0.40	0.044
Methyl tert-Butyl Ether	U	0.054	ug/m3	1	.1	0.36	0.054
Vinyl Acetate	U	0.053	ug/m3	1	.1	0.35	0.053
2-Butanone	U	0.062	ug/m3	1	.1	0.29	0.062
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40	0.059
Hexane	U	0.067	ug/m3	1	.25	0.88	0.067
Chloroform	U	0.044	ug/m3	1	.1	0.49	0.044
Tetrahydrofuran	U	0.032	ug/m3	1	.1	0.29	0.032
1,2-Dichloroethane	U	0.040	ug/m3	1	.1	0.40	0.040
1,1,1-Trichloroethane	U	0.044	ug/m3	1	.1	0.54	0.044
Benzene	U	0.019	ug/m3	1	.1	0.32	0.019
Carbon Tetrachloride	U	0.10	ug/m3	1	.1	0.63	0.10
Cyclohexane	U	0.031	ug/m3	1	.1	0.34	0.031
1,2-Dichloropropane	U	0.092	ug/m3	1	.1	0.46	0.092
Bromodichloromethane	U	0.074	ug/m3	1	.1	0.67	0.074
1,4-Dioxane	U	0.083	ug/m3	1	.1	0.36	0.083

Report of Analytical Results

Client:
Lab ID: WG139879-2
Client ID: Method Blank Sample
Project:
SDG: SH1400
Lab File ID: A7193.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Methyl Methacrylate	U	0.033	ug/m3	1	.1	0.41	0.033
Trichloroethene	U	0.048	ug/m3	1	.1	0.54	0.048
Heptane	U	0.037	ug/m3	1	.1	0.41	0.037
cis-1,3-Dichloropropene	U	0.045	ug/m3	1	.1	0.45	0.045
4-Methyl-2-Pentanone	U	0.053	ug/m3	1	.1	0.41	0.053
trans-1,3-Dichloropropene	U	0.023	ug/m3	1	.1	0.45	0.023
1,1,2-Trichloroethane	U	0.065	ug/m3	1	.1	0.54	0.065
Toluene	U	0.038	ug/m3	1	.1	0.38	0.038
2-Hexanone	U	0.12	ug/m3	1	.1	0.41	0.12
Dibromochloromethane	U	0.094	ug/m3	1	.1	0.85	0.094
1,2-Dibromoethane	U	0.10	ug/m3	1	.1	0.77	0.10
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68	0.088
Chlorobenzene	U	0.028	ug/m3	1	.1	0.46	0.028
1,2-Dichloroethylene (Total)	U	0.12	ug/m3	1	.2	1.6	0.12
Ethylbenzene	U	0.056	ug/m3	1	.1	0.43	0.056
m+p-Xylenes	U	0.16	ug/m3	1	.2	1.7	0.16
Bromoform	U	0.083	ug/m3	1	.1	1.0	0.083
Styrene	U	0.055	ug/m3	1	.1	0.42	0.055
1,1,2,2-Tetrachloroethane	U	0.11	ug/m3	1	.1	0.69	0.11
4-Ethyltoluene	U	0.069	ug/m3	1	.1	0.49	0.069
o-Xylene	U	0.061	ug/m3	1	.1	0.43	0.061
1,3,5-Trimethylbenzene	U	0.088	ug/m3	1	.1	0.49	0.088
1,2,4-Trimethylbenzene	U	0.049	ug/m3	1	.1	0.49	0.049
Benzyl Chloride	U	0.093	ug/m3	1	.1	0.52	0.093
1,3-Dichlorobenzene	U	0.054	ug/m3	1	.1	0.60	0.054
Xylenes (Total)	U	0.18	ug/m3	1	.3	3.9	0.18
1,4-Dichlorobenzene	U	0.13	ug/m3	1	.1	0.60	0.13
1,2-Dichlorobenzene	U	0.090	ug/m3	1	.1	0.60	0.090
1,2,4-Trichlorobenzene	U	0.10	ug/m3	1	.1	0.74	0.10
Naphthalene	J	0.24	ug/m3	1	.1	0.52	0.058
Hexachlorobutadiene	J	0.17	ug/m3	1	.1	1.1	0.12

LCS Recovery Report

Client:
Lab ID: WG139879-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7190.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Propene	82.0	5.00	4.10	ppb/v	70-130
Dichlorodifluoromethane	98.0	5.00	4.90	ppb/v	70-130
Chloromethane	80.0	5.00	4.00	ppb/v	70-130
Freon-114	90.0	5.00	4.50	ppb/v	70-130
Vinyl Chloride	84.0	5.00	4.20	ppb/v	70-130
1,3-Butadiene	84.0	5.00	4.20	ppb/v	70-130
Bromomethane	86.0	5.00	4.30	ppb/v	70-130
Chloroethane	80.0	5.00	4.00	ppb/v	70-130
Ethanol	66.0	5.00	3.30	ppb/v	60-140
Acrolein	82.0	5.00	4.10	ppb/v	70-130
Acetone	88.0	5.00	4.40	ppb/v	60-140
Trichlorofluoromethane	92.0	5.00	4.60	ppb/v	70-130
Isopropyl Alcohol	78.0	5.00	3.90	ppb/v	60-140
1,1-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Methylene Chloride	86.0	5.00	4.30	ppb/v	60-140
Freon-113	94.0	5.00	4.70	ppb/v	70-130
Carbon Disulfide	82.0	5.00	4.10	ppb/v	70-130
trans-1,2-Dichloroethene	88.0	5.00	4.40	ppb/v	70-130
1,1-Dichloroethane	90.0	5.00	4.50	ppb/v	70-130
Methyl tert-Butyl Ether	92.0	5.00	4.60	ppb/v	70-130
Vinyl Acetate	98.0	5.00	4.90	ppb/v	70-130
2-Butanone	94.0	5.00	4.70	ppb/v	70-130
cis-1,2-Dichloroethene	90.0	5.00	4.50	ppb/v	70-130
Hexane	84.0	5.00	4.20	ppb/v	60-140
Chloroform	98.0	5.00	4.90	ppb/v	70-130
Tetrahydrofuran	88.0	5.00	4.40	ppb/v	70-130
1,2-Dichloroethane	110.	5.00	5.50	ppb/v	70-130
1,1,1-Trichloroethane	102.	5.00	5.10	ppb/v	70-130
Benzene	90.0	5.00	4.50	ppb/v	70-130
Carbon Tetrachloride	112.	5.00	5.60	ppb/v	70-130
Cyclohexane	84.0	5.00	4.20	ppb/v	70-130
1,2-Dichloropropane	92.0	5.00	4.60	ppb/v	70-130
Bromodichloromethane	106.	5.00	5.30	ppb/v	70-130
1,4-Dioxane	88.0	5.00	4.40	ppb/v	70-130
Methyl Methacrylate	106.	5.00	5.30	ppb/v	70-130

LCS Recovery Report

Client:
Lab ID: WG139879-1
Client ID: LCS
Project:
SDG: SH1400
LCS File ID: A7190.D

Sample Date:
Received Date:
Extract Date: 12-MAR-14
Extracted By: WAS
Extraction Method: TO 15
Lab Prep Batch: WG139879

Analysis Date: 12-MAR-14
Analyst: WAS
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 12-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Trichloroethene	100.	5.00	5.00	ppb/v	70-130
Heptane	92.0	5.00	4.60	ppb/v	70-130
cis-1,3-Dichloropropene	100.	5.00	5.00	ppb/v	70-130
4-Methyl-2-Pentanone	98.0	5.00	4.90	ppb/v	70-130
trans-1,3-Dichloropropene	112.	5.00	5.60	ppb/v	70-130
1,1,2-Trichloroethane	98.0	5.00	4.90	ppb/v	70-130
Toluene	96.0	5.00	4.80	ppb/v	70-130
2-Hexanone	98.0	5.00	4.90	ppb/v	70-130
Dibromochloromethane	110.	5.00	5.50	ppb/v	70-130
1,2-Dibromoethane	104.	5.00	5.20	ppb/v	70-130
Tetrachloroethene	96.0	5.00	4.80	ppb/v	70-130
Chlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2-Dichloroethylene (Total)	89.0	10.0	8.90	ppb/v	70-130
Ethylbenzene	98.0	5.00	4.90	ppb/v	70-130
m+p-Xylenes	97.0	10.0	9.70	ppb/v	70-130
Bromoform	110.	5.00	5.50	ppb/v	70-130
Styrene	102.	5.00	5.10	ppb/v	70-130
1,1,2,2-Tetrachloroethane	92.0	5.00	4.60	ppb/v	70-130
4-Ethyltoluene	104.	5.00	5.20	ppb/v	70-130
o-Xylene	98.0	5.00	4.90	ppb/v	70-130
1,3,5-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
1,2,4-Trimethylbenzene	100.	5.00	5.00	ppb/v	70-130
Benzyl Chloride	108.	5.00	5.40	ppb/v	70-130
1,3-Dichlorobenzene	98.0	5.00	4.90	ppb/v	70-130
Xylenes (Total)	97.3	15.0	14.6	ppb/v	70-130
1,4-Dichlorobenzene	100.	5.00	5.00	ppb/v	70-130
1,2-Dichlorobenzene	96.0	5.00	4.80	ppb/v	70-130
1,2,4-Trichlorobenzene	96.0	5.00	4.80	ppb/v	70-130
Naphthalene	90.0	5.00	4.50	ppb/v	70-130
Hexachlorobutadiene	94.0	5.00	4.70	ppb/v	70-130



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

Air Analysis Chain of Custody

Client: **DEP** Contact: **Becky Blais** Phone: **446-2564** Fax: _____

Address: **17 State House Station** City: **Augusta** State: **ME** Zip: **04333-0017**

Purchase Order #: _____ Project Name/No.: **Former Beal's Line, Auburn** E-mail: **becky.blais@maine.gov**

Billing Address (if different): _____ Copies To: _____

Sampler (Print/Sign): **Becky Blais** **Becky Blais**

Lab Use Only Work Order #: **SH 1400** KAS Project Manager: _____ Requested Services: _____

Shipping: UPS Fed-Ex Mail Drop-Off

Sample Description (Sample Identification and/or Lot #)	Collection					Matrix	Sampler	Can Size	Can ID	Flow Controller ID	Comments
	Date	Start Time	End Time	Initial Vac	Final Vac						
IA-A1	3/3-3/4/14	1010	1029	-31	0	Inlet Air	BB	6L	0225	0043	
IA-A2	3/3-3/4/14	1023	1024	-27	0	Inlet Air	BB	6L	1284	0246	
SS-A1	3/4/14	1056	1105	-27	-4.5	sublab Air	BB	1L	0101	0122	
SV-A2	3/4/14	1119	1130	-26	-3	sublab Air	BB	1L	0089	0157	

Relinquished By: **Becky Blais** Date/Time: **3/5/14 12:00** Received By: _____ Date/Time: _____

Katahdin inspects and verifies all equipment including, but not limited to, canisters and flow controllers before being sent to the client. As the client you have agreed to pay a rental fee for use of this equipment, which is the sole property of Katahdin. All equipment will be inspected for damage and completeness upon return to Katahdin. In the event that rental equipment is missing and/or damaged, by signing this COC, you (the client) agrees to pay Katahdin for replacement of any unuseable, damaged or missing equipment.



Katahdin Analytical Services
Login Chain of Custody Report (Ino1)

Mar. 07, 2014

08:54 AM

Login Number: SH1400

Quote/Incoming:

Account: MAINED001
 Maine DEP

Web

Project: MAINED001AIR
 Air ND to MDL

Login Information:

ANALYSIS INSTRUCTIONS :
 CHECK NO. :
 CLIENT PO# :
 CLIENT PROJECT MANAGE :
 CONTRACT :
 COOLER TEMPERATURE : n/a
 DELIVERY SERVICES : KAS
 EDD FORMAT : KAS064QC-XLS
 LOGIN INITIALS : GN
 PM : SMB
 PROJECT NAME : Former Beal's Linen, Auburn
 QC LEVEL : II+
 REGULATORY LIST :
 REPORT INSTRUCTIONS : Email pdf, EDD and Invoice to Becky Blais(
 Becky.Blais@Maine.gov), no HC
 SDG ID :
 SDG STATUS :

Primary Report Address:

Becky Blais
 Maine DEP
 State House Station 17

Augusta, ME 04333

becky.blais@maine.gov

Primary Invoice Address:

Accounts Payable
 Maine DEP
 State House Station 17

Augusta, ME 04333-0017

Report CC Addresses:

Invoice CC Addresses:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH1400-1	IA-A1	04-MAR-14 10:29	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	03-APR-14					
SH1400-2	IA-A2	04-MAR-14 10:24	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	03-APR-14					
SH1400-3	SS-A1	04-MAR-14 11:05	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	03-APR-14					
SH1400-4	SV-A2	04-MAR-14 11:30	06-MAR-14		13-MAR-14	13-MAR-14	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Air	S CANISTER_RENTAL		Canister				
Air	S TO-15	03-APR-14					

Total Samples: 4

Total Analyses: 8

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-1DL
Client ID: IA-7C-1
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7282.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.53	ug/m3	1	.1	0.54
Tetrachloroethene		460	ug/m3	1	.1	3.4

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-2DL
Client ID: IA-7C-2
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7283.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene		1.3	ug/m3	1	.1	0.54
Tetrachloroethene		860	ug/m3	1	.1	6.8

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-3DL
Client ID: IA-7C-3
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7284.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	J	0.25	ug/m3	1	.1	0.40
Trichloroethene		7.0	ug/m3	1	.1	0.54
Tetrachloroethene		710	ug/m3	1	.1	6.8

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-4DL2
Client ID: IA-7C-4
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7300.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene		2.1	ug/m3	1	.1	0.40
Trichloroethene		16.	ug/m3	1	.1	0.54
Tetrachloroethene		1300	ug/m3	1	.1	14.

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-5DL
Client ID: IA-7C-5
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7286.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene		0.48	ug/m3	1	.1	0.40
Trichloroethene		5.0	ug/m3	1	.1	0.54
Tetrachloroethene		440	ug/m3	1	.1	3.4

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-6RA
Client ID: IA-7C-6
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7287.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.47	ug/m3	1	.1	0.54
Tetrachloroethene		56.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-7
Client ID: IA-7C-7
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7278.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 21-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 21-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.41	ug/m3	1	.1	0.54
Tetrachloroethene		90.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-8
Client ID: IA-7C-9
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7279.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	U	0.048	ug/m3	1	.1	0.54
Tetrachloroethene		1.6	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-9RA
Client ID: IA-7C-10
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7298.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.21	ug/m3	1	.1	0.54
Tetrachloroethene		60.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-10RA
Client ID: IA-7C-11
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7299.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.19	ug/m3	1	.1	0.54
Tetrachloroethene		30.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-11
Client ID: IA-7C-12
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7288.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene		0.75	ug/m3	1	.1	0.54
Tetrachloroethene		68.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-12
Client ID: IA-7C-13
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7292.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.43	ug/m3	1	.1	0.54
Tetrachloroethene		58.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-14
Client ID: IA-7C-15
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7293.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	J	0.54	ug/m3	1	.1	0.54
Tetrachloroethene		66.	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-15
Client ID: IA-7C-WEBSTER SCHL
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7294.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	U	0.048	ug/m3	1	.1	0.54
Tetrachloroethene	J	0.20	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-16
Client ID: IA-7C-AMBIENT
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7295.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	U	0.048	ug/m3	1	.1	0.54
Tetrachloroethene		4.7	ug/m3	1	.1	0.68

Report of Analytical Results

Client: Maine DEP
Lab ID: SH1785-17DL
Client ID: DUP-01
Project: Former Beal's Linnen, Auburn
SDG: SH1785
Lab File ID: A7301.D

Sample Date: 21-MAR-14
Received Date: 21-MAR-14
Extract Date: 23-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 23-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	J	0.25	ug/m3	1	.1	0.40
Trichloroethene		7.5	ug/m3	1	.1	0.54
Tetrachloroethene		740	ug/m3	1	.1	6.8

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Beal's Linnen, Auburn
Lab File ID : A7271.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1785
Lab Sample ID : WG140328-2
Date Analyzed : 21-MAR-14
Time Analyzed : 15:29

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG140328-1	A7270.D	03/21/14	14:42
IA-7C-1	SH1785-1	A7272.D	03/21/14	16:40
IA-7C-2	SH1785-2	A7273.D	03/21/14	17:28
IA-7C-4	SH1785-4	A7275.D	03/21/14	19:03
IA-7C-5	SH1785-5	A7276.D	03/21/14	19:51
IA-7C-7	SH1785-7	A7278.D	03/21/14	21:26
IA-7C-9	SH1785-8	A7279.D	03/22/14	01:11
IA-7C-1	SH1785-1DL	A7282.D	03/22/14	03:28
IA-7C-2	SH1785-2DL	A7283.D	03/22/14	04:10
IA-7C-3	SH1785-3DL	A7284.D	03/22/14	04:52
IA-7C-5	SH1785-5DL	A7286.D	03/22/14	06:16
IA-7C-6	SH1785-6RA	A7287.D	03/22/14	07:03
IA-7C-12	SH1785-11	A7288.D	03/22/14	07:50

Report of Analytical Results

Client:
Lab ID: WG140328-2
Client ID: Method Blank Sample
Project:
SDG: SH1785
Lab File ID: A7271.D

Sample Date:
Received Date:
Extract Date: 21-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 21-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	U	0.048	ug/m3	1	.1	0.54
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68

LCS Recovery Report

Client:
Lab ID: WG140328-1
Client ID: LCS
Project:
SDG: SH1785
LCS File ID: A7270.D

Sample Date:
Received Date:
Extract Date: 21-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140328

Analysis Date: 21-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Vinyl Chloride	94.0	5.00	4.70	ppb/v	70-130
trans-1,2-Dichloroethene	84.0	5.00	4.20	ppb/v	70-130
cis-1,2-Dichloroethene	88.0	5.00	4.40	ppb/v	70-130
Trichloroethene	96.0	5.00	4.80	ppb/v	70-130
Tetrachloroethene	92.0	5.00	4.60	ppb/v	70-130

Form 4 Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : Former Beal's Linnen, Auburn
Lab File ID : A7291.D
Instrument ID : AIR1
Heated Purge : No

SDG : SH1785
Lab Sample ID : WG140329-2
Date Analyzed : 22-MAR-14
Time Analyzed : 12:39

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG140329-1	A7290.D	03/22/14	11:53
IA-7C-13	SH1785-12	A7292.D	03/22/14	13:27
IA-7C-15	SH1785-14	A7293.D	03/22/14	14:13
IA-7C-WEBSTER SCHL.	SH1785-15	A7294.D	03/22/14	15:00
IA-7C-AMBIENT	SH1785-16	A7295.D	03/22/14	15:47
DUP-01	SH1785-17	A7296.D	03/22/14	16:33
IA-7C-3	SH1785-3RA	A7297.D	03/22/14	17:20
IA-7C-10	SH1785-9RA	A7298.D	03/22/14	18:07
IA-7C-11	SH1785-10RA	A7299.D	03/22/14	18:54
IA-7C-4	SH1785-4DL2	A7300.D	03/22/14	19:36
DUP-01	SH1785-17DL	A7301.D	03/23/14	09:37

Report of Analytical Results

Client:
Lab ID: WG140329-2
Client ID: Method Blank Sample
Project:
SDG: SH1785
Lab File ID: A7291.D

Sample Date:
Received Date:
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL
Vinyl Chloride	U	0.038	ug/m3	1	.1	0.26
trans-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
cis-1,2-Dichloroethene	U	0.059	ug/m3	1	.1	0.40
Trichloroethene	U	0.048	ug/m3	1	.1	0.54
Tetrachloroethene	U	0.088	ug/m3	1	.1	0.68

LCS Recovery Report

Client:
Lab ID: WG140329-1
Client ID: LCS
Project:
SDG: SH1785
LCS File ID: A7290.D

Sample Date:
Received Date:
Extract Date: 22-MAR-14
Extracted By: TTC
Extraction Method: TO 15
Lab Prep Batch: WG140329

Analysis Date: 22-MAR-14
Analyst: TTC
Analysis Method: EPA TO-15
Matrix: AR
% Solids: NA
Report Date: 24-MAR-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Vinyl Chloride	80.0	5.00	4.00	ppb/v	70-130
trans-1,2-Dichloroethene	84.0	5.00	4.20	ppb/v	70-130
cis-1,2-Dichloroethene	86.0	5.00	4.30	ppb/v	70-130
Trichloroethene	94.0	5.00	4.70	ppb/v	70-130
Tetrachloroethene	90.0	5.00	4.50	ppb/v	70-130

ATTACHMENT B

MEDEP's Memorandum & Indoor Air Risk Assessment

Results of Indoor Air Quality Assessment
Former Beal's Linen
7 Chestnut Street
Auburn, Maine
REM ID: 02284



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Remediation and Solid Waste Management
Division of Technical Services



MEMORANDUM

**TO: Becky Blais, Uncontrolled Sites Project Manager,
Environmental Specialist III, Division of Remediation**

**FROM: Troy Smith, Certified Environmental Hydrogeologist, GE502,
Technical Services Division**

DATE: March 27, 2014

PROGRAM: Uncontrolled Sites

SITE: Beal's Linen, 7 Chestnut Street, Auburn

REMEDIATION NUMBER: REM02284

**SUBJECT: Summary of Sample Results from March 20-21, 2014, Indoor Air
Sampling at 7 Chestnut Street**

The purpose of this memo is to provide a summary of the results from the indoor air sampling event that took place on March 20 and 21, 2014 at 7 Chestnut Street and 95 Hampshire Street. Additionally, I have included the data from the air monitoring station located approximately one mile from the site.

The attached map presents the location of the apartment complex sampled on March 20-21, located at 7 Chestnut Street. The attached diagram shows the approximate locations of the apartments, including the second floor layout at the southwestern end of the complex. The attached table presents the results from each location by apartment number or street address. The attached summary table also includes a summary of the indoor air risk calculator results. Exceedances of the risk guidelines are highlighted in red. Incremental lifetime cancer risk exceedances are in bold.

For comparison purposes I have attached an e-mail from Andrea Galasyn, MEDEP Air Bureau that provides the monitoring data for the Lewiston air monitoring station, located approximately 1 mile from the site. I also included a map showing the air monitoring station on Canal Street in Lewiston and the Beals Linen Site on Chestnut Street in Auburn.

Apartment Number	Number/Age of occupants	PCE (ug/m3)	TCE (ug/m3)	cis-12-DCE (ug/m3)	trans-12-DCE (ug/m3)	Vinyl Chloride (ug/m3)	Chronic ILCR	Chronic HI >= 1	Sub-chronic ILCR	Sub-chronic HI >= 1
1	2 adults	460	0.53	U 0.059	U 0.059	U 0.038	5.E-05	D,L,N = 10	1.E-05	D,L,N = 10
2	2-3 adults	860	1.3	U 0.059	U 0.059	U 0.038	9.E-05	D,L,N = 20	2.E-05	D,L,N = 20
3	2 adults/ (1) 4 month old	710 /740	7.0 / 7.5	0.25 / 0.25	U 0.059	U 0.038	1.E-04	D,L,N = 20 I,K=4	2.E-05	D,L,N = 20 I,K=4
4	3 adults	1300	16	2.1	U 0.059	U 0.038	2.E-04	D,N=40, L=30, I,K=8	4.E-05	D,N=40, L=30, I,K=8
5	2 adults	440	5	0.48	U 0.059	U 0.038	6.E-05	D,L,N = 10 I,K=2	1.E-05	D,L,N = 10 I,K=2
6	2 adults	56	0.47	U 0.059	U 0.059	U 0.038	7.E-06	D,N=2 L=1	2.E-06	D,N=2 L=1
7	2 adults	90	0.41	U 0.059	U 0.059	U 0.038	1.E-05	D,L,N = 2	3.E-06	D,L,N = 2
8	vacant			No Sample Collected, apt under construction						
9	2 adults	1.6	U 0.048	U 0.059	U 0.059	U 0.038	2.E-07		4.E-08	
10	3 adults	60	0.21	U 0.059	U 0.059	U 0.038	7.E-06	D,N=2 L=1	2.E-06	D,N=2 L=1
11	2 adults/ (1) 20 month old	30	0.19	U 0.059	U 0.059	U 0.038	4.E-06		9.E-07	
12	2 adults (8 month pregnant woman)	68	0.75	U 0.059	U 0.059	U 0.038	9.E-06	D,L,N = 2	2.E-06	D,L,N = 2
13	2 adults	58	0.43	U 0.059	U 0.059	U 0.038	7.E-06	D,N=2 L=1	2.E-06	D,N=2 L=1
14	vacant			Sample Can set but it did not function, no sample obtained						
15	1 adult/3 younger school age children	66	0.54	U 0.059	U 0.059	U 0.038	8.E-06	D,L,N = 2	2.E-06	D,L,N = 2
95 Hampshire Street		0.2	U 0.048	U 0.059	U 0.059	U 0.038	2.E-08		5.E-09	
Outside Ground Level		4.7	U 0.048	U 0.059	U 0.059	U 0.038	5.E-07		1.E-07	

ILCR - Incremental Lifetime Cancer Risk

HI - Hazard Index

D - Developmental

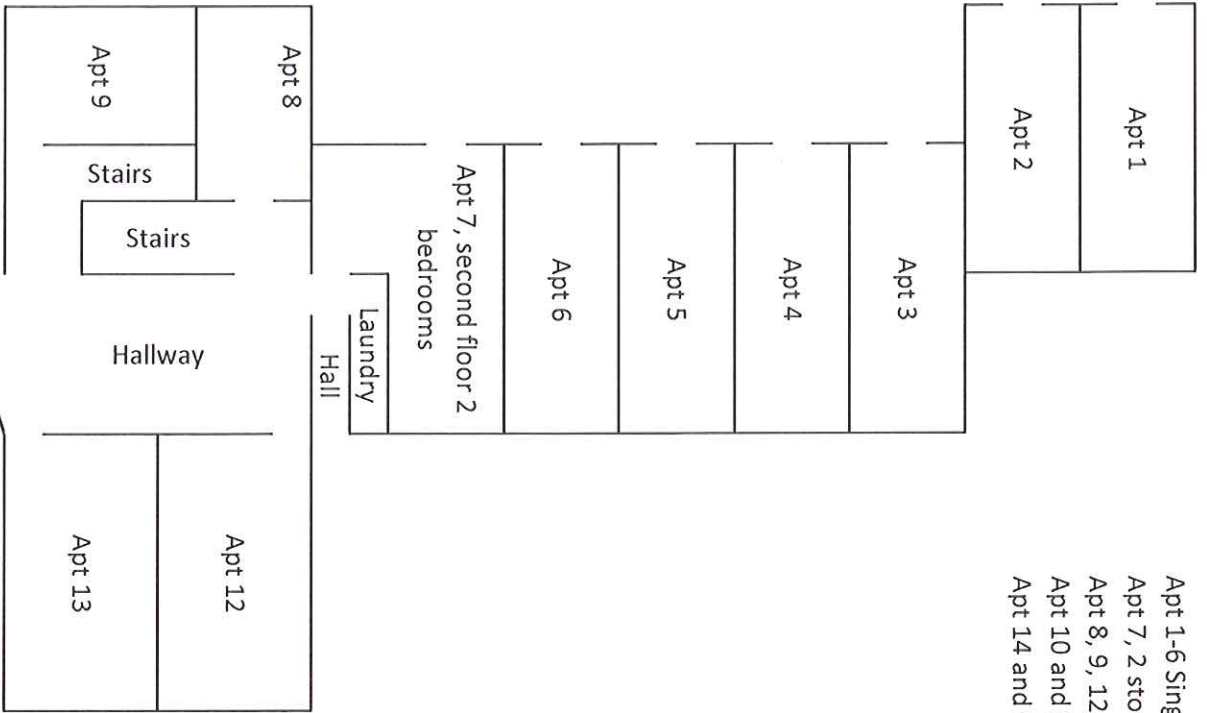
L - Liver

N - Nervous System

I - Immune System

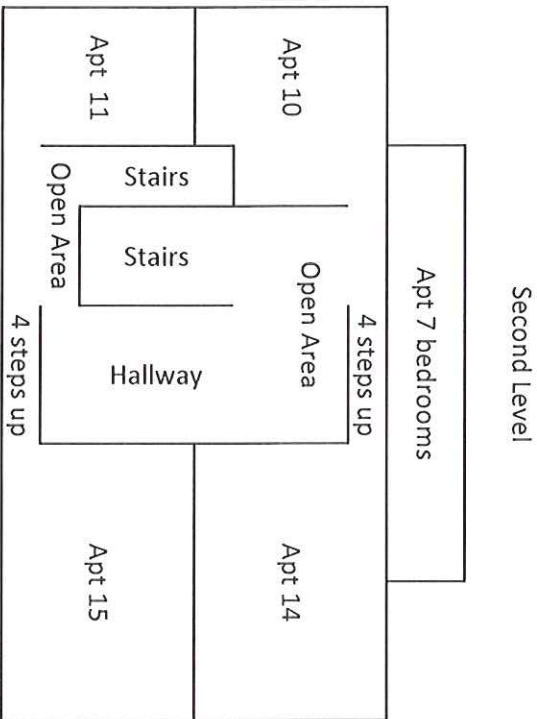
K - Kidney

Chestnut Street



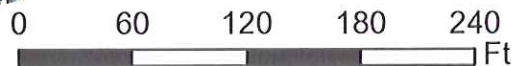
- Apt 1-6 Single Story, slab on grade
- Apt 7, 2 story slab on grade
- Apt 8, 9, 12, and 13 first floor slab on grade
- Apt 10 and 11, second floor
- Apt 14 and 15, second floor upper level

Webster Street





**Beals Linen
REM02284
7 Chestnut Street, Auburn**



1 inch = 100 feet



- Map Notes:
- Monitoring Well and Soil Gas features were collected using a Trimble ProXR GPS Unit. Point locations have an accuracy of < 1 meter and all other features +/- 3 meters.
 - Background hydrologic, topographic and political features are from ME/GIS data layers with an accuracy of +/- 40 ft.
 - All spatial data is projected to NAD 1983 UTM Zone 19.
 - All spatial data specific to Maine DEP Bureau of Remediation and Waste Management programs are post-processed, geo-referenced and maintained by John Lynam of the Maine DEP GIS Unit.
 - This map is to be used for reference purposes only and does not represent authoritative locations of displayed features.

Map Prepared By: Troy Smith
Maine DEP, Remediation Bureau
March 2014



Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

-  Air Monitoring Points
-  Beal's Linene Dry Cleaner

Air Monitoring Station and Beal's Linen Locations



1 inch = 1,000 feet

Map Notes:

- Monitoring Well and Soil Gas features were collected using a Trimble ProXR GPS Unit. Point locations have an accuracy of < 1 meter and all other features +/- 3 meters.
- Background hydrologic, topographic and political features are from MEGIS data layers with an accuracy of +/- 40 ft.
- All spatial data is projected to NAD 1983 UTM Zone 19.
- All spatial data specific to Maine DEP Bureau of Remediation and Waste Management programs are post-processed, geo-referenced and maintained by John Lynam of the Maine DEP GIS Unit.
- This map is to be used for reference purposes only and does not represent authoritative locations of displayed features.

Map Prepared By: Troy Smith
Maine DEP, Remediation Bureau
March 2014

Distance between locations is 1.1 miles

Smith, Troy T

From: Galasyn, Andrea
Sent: Tuesday, March 25, 2014 11:29 AM
To: Smith, Troy T
Cc: Twomey, Daniel M
Subject: statistical data

Hi Troy,

Here is the monitoring data for the Lewiston site over the last year. Let me know if you would like anything more, thanks!

Data from Monitoring Site CKP (Lewiston, ME) 2/3/2013-2/4/2014

	Mean	Median
	<u>(ug/m3)</u>	<u>(ug/m3)</u>
Trichloroethylene	0.022	0.000
Tetrachloroethylene	0.294	0.253
cis-1,2-Dichloroethene	0.012	0.000
trans-1,2-Dichloroethene	0.016	0.000
Vinyl Chloride	0.023	0.000

Andrea Galasyn
Maine DEP Bureau of Air Quality
4 Blossom Lane
Augusta, ME 04333
207-287-5518
andrea.galasyn@maine.gov