ENVIRONMENTAL CONSULTING GROUP
St.Germain ▪ Collins

FILE

January 18, 2011

Jean Firth
Maine Department of Environmental Protection
Brownfields Program
17 State House Station
Augusta, Maine 04330

Re: Supplemental Site Investigation
Former Prime Tanning Property
20, 29, 34 and 35 Sullivan Street, Berwick, Maine
St.Germain Collins File No.: 3211.3

Dear Ms. Firth:

St.Germain Collins is providing the Maine Department of Environmental Protection (MEDEP) with this report documenting the completion of a Supplemental Site Investigation at the Former Prime Tanning Property (Site) at 20, 29, 34, and 35 Sullivan Street, Berwick Maine (see **Figure 1, Site Location Map**). The purpose of the investigation was to clarify the extent and magnitude of tetrachloroethene (PCE) impacts in soil vapor identified during the Phase II Environmental Site Assessment (ESA) completed by St.Germain Collins in July 2010 and presented in the Phase II ESA report dated October 2010.

BACKGROUND

The Site is an 11.4 acre lot located at 20, 29, 34, and 35 Sullivan Street in Berwick, Maine in a mixed commercial and residential neighborhood. Historical records indicate that the Site began manufacturing operations as early as 1877 and continued until 2008. The Site has been unoccupied since that time. Other historical occupants of the Site included different manufacturing operations, an oil company, and a laundry facility.

This supplemental investigation focused on the 7.71 acre main tannery complex, and the vacant 7.6 acre building, see **Figure 2, Site Plan.** The focus of this investigation was PCE and its breakdown products, which is typically used in dry cleaning and the cleaning of machine parts. The specific location of the laundry remains undetermined. A maintenance area was located in the northwest portion of the main tannery building as shown on Figure 2; however, machine maintenance was most likely performed throughout the complex.

Site topography slopes to the south towards the Salmon Falls River, located about 500 feet to the south, but the Site and surrounding area are heavily developed with surface water controlled by the municipal storm water management system. The Site and surrounding area are served by public water and sewer. Soil borings and test pits completed in the Phase II ESA showed that the shallow soils across the Site consist mostly of well graded sand and gravel fill grading downward to clayey sand near a depth of eight feet.

The Phase II ESA documented the presence of PCE contamination in soil vapor exceeding both the MEDEP residential and commercial Soil Gas Targets (SGT) for a multi-contaminate Site (see **Table 1, July 2010 Soil Vapor Sample Results)**. During the Phase II ESA five soil vapor samples were collected on the margins of the main tannery building. PCE exceeded the Residential and/or Commercial SGTs in two of the samples, SV-101 at a concentration of 157 ug/m^3 and SV-103 at 1,140 ug/m^3, and was detected in the other three soil vapor samples (SV-102, SV-104, and SV-105) at relatively low concentrations below the applicable standards (see Figure 2).

On December 3, 2010, the MEDEP Voluntary Response Action Program issued a **No Action Assurance Letter** for the Site (provided as **Attachment A)**, based upon the results and the recommendations in the Phase II ESA. The Phase II ESA and the MEDEP No Action Assurance Letter both recommended this supplemental investigation to determine the extent of the PCE contamination on the Site, identify potential preferential pathways, and to determine if a complete vapor intrusion pathway exists.

METHODS

Preliminary Screening

As part of this supplemental investigation St.Germain Collins performed a preliminary screening at the Site, which consisted of the following,

- Reviewed town records noting the location, depth, and construction of underground utilities (e.g. water and sewer lines, and storm water catch basins).
- Interviewed individuals with Site specific knowledge.
- Conducted a Site visit to evaluate potential migration pathways, and inspected potential receptors.
- Notified Dig Safe of the Site for soil gas sampling.

Relevant Site features and potential receptor information are summarized in **Table 2, Soil Vapor Sample Rationale** and shown on Figure 2 Site Plan.

Sampling and Analysis

Soil Vapor

St.Germain Collins and the MEDEP collected four soil vapor samples (SV-106 to SV-109) along Sullivan and Berwick Street near preferential pathways (e.g. sewer and water lines) and one (SV-110) downgradient of the GW-108 location, which was the only groundwater sample with a detected PCE breakdown compound vinyl chloride (at a concentration of 26 ug/L). At each soil vapor sample location, a tile probe was manually advanced to a depth between two and five feet below the ground surface and a soil vapor sample was collected in a Summa canister. MEDEP Standard Operating Procedure (SOP) DR#026 provides details on sampling methodology.

Sub Slab Soil Vapor

Eight sub-slab soil vapor samples (SSV-201 to SSV-208) were proposed for collection from below the building slabs, however only five sub-slab soil vapor samples were collected due to unexpected Site conditions or issues with access to the adjacent properties. Each deviation, the rationale for the new sample location and methodology is explained below, and is outlined in Table 2 Soil Gas Sample Rationale and shown on Figure 2. Each sub-slab sample was collected directly below the slab following the MEDEP SOP DR#026 provided in the St.Germain Collins Project QAPP.

Four sub-slab soil vapor samples (SSV-201 to SSV-204) were collected inside the Prime Tanning Mill Complex and one (SSV-208) was collected from the Berwick Town Offices across Sullivan Street. The location of SSV-205 was changed because access to the buildings was not granted by the property owner, so a near slab soil gas sample (SV-205) was collected along Back Street as close to the slab as possible while still remaining in the public right of way.

Sample SSV-206 (# 8 Sullivan Street) is an indoor air sample collected in the crawl space of the building located at 8 Sullivan Street, a sub slab or soil gas sample could not be collected in the crawl space due the presence of shallow groundwater. The proposed SSV-207 was eliminated since access was granted to the building located at 4 Sullivan Street, and the close proximity of SV-108 and SV-109.

In addition to the soil and sub-slab vapors, a duplicate sample was collected from sample point SV-109, and a blank sample (SV-111B) was collected from zero air provided by Katahdin Analytical Services in Scarborough, Maine.

Each vapor sample was analyzed by Alpha Analytical of Westborough, Massachusetts for analysis of PCE, its breakdown compounds (trichloroethene (TCE), 1,1 dichloroethene (DCE), cis 1,2 dichloroethene (cis DCE), trans 1,2 dichloroethene (trans DCE), and vinyl chloride), and other associated chlorinated solvents by analytical method TO-15. The laboratory report is provided as **Attachment B, Laboratory Report** and the results are

summarized in **Table 3, November 2010 Soil Vapor Sample Results**. Specific sample location information is provided in **Attachment C Field Documentation.**

RESULTS

Geology and Hydrogeology

According to Maine Geological Survey (MGS) Bedrock Geology Map of the Kittery, Maine 1:100,000 Quadrangle (Open File 08-78), the Site is underlain by the Silurian Berwick Formation consisting of schist and gneiss. The bedrock exhibits a strong northeast-trending structure fabric that could represent a ground water pathway if fractures are present. The MGS Surficial Geologic Map and Surficial Materials Map of the Somersworth Quadrangle (Open Files 99-99, 98-160) shows glacial till of unknown depth overlying bedrock at the Site.

In July 2010, St.Germain Collins advanced twenty-one soil borings and excavated twenty-five test pits across the Site with continuous sample collection. Soil borings and test pits show that the subsurface materials across the Site consist mostly of well graded sand and gravel fill in the upper two feet grading downward to clayey sand near a depth of eight feet. The water table was between about three and six feet below grade in the temporary monitoring wells installed on the Site.

Quality Control and Quality Assurance

The analytical laboratory did not report any significant quality assurance/quality control problems (see Laboratory Case Narrative at beginning of the Laboratory Report in Attachment B). Alpha's report identified various volatile organic compounds detected in Air Canister Certification Results, however none of the detected compounds were on the TO-15 target list, and St.Germain Collins concludes that these detections do not have a significant effect on data quality.

In addition to the canister certification results, St.Germain Collins submitted a canister of zero gas provided by Katahdin, and no PCE compounds were reported present. Indicating that laboratory cleaning practices are adequate to ensure that cross contamination between various samples is minimized.

An ambient air sample was also submitted to determine background levels of the targeted compounds. No PCE or related compounds were detected in the ambient air sample collected at the SV-205 location, indicating that all compounds detected in the soil vapor samples are representative of subsurface conditions.

The Relative Percent Differences (RPD) presented in a table at the end of Attachment B show RPD values for SV-109 and its duplicate are below 20%, and much lower than 30% which typically indicates good analytical precision. In summary, St.Germain concludes that the data is of acceptable precision and accuracy.

Preliminary Screening

Based upon the findings of the Preliminary Site Screening, four sub slab and one soil vapor sample were proposed to aid in determining the source of PCE vapors in the subsurface. The remaining five soil vapor, one sub-slab, and one indoor air samples were used to evaluate potential migration pathways and receptors surrounding the Site.

Soil Vapor Sampling

Source

PCE or at least one of its breakdown compounds was detected in each of the sub slab soil vapor samples (SSV-201 through SSV-204) collected below the Prime Tanning slab. Three (SSV-201, SSV-203, and SSV-204) of the four sub-slab soil vapor samples had PCE detected below both the commercial and residential SGTs (see Table 2 for results). No PCE was detected in SSV-202; however cis DCE a breakdown compound of PCE was detected at a concentration below the applicable SGTs.

For the soil vapor sampling, PCE was detected at SV-110 at concentration of 80.9 ug/m^3 which exceeds the residential SGT, but is below the commercial SGT. It should be noted that four (TCE, cis and trans DCE, and vinyl chloride) of the five PCE breakdown compounds were reported present at concentrations below their applicable SGTs at this location.

These sub slab and soil vapor results along with historical groundwater data for GW-108 indicate that the source of the PCE vapors is most likely below the main tannery building; however, the exact location could not determined based upon the concentrations reported in these samples. The migration of PCE vapors could be influenced by the presence of the subsurface drainage system along the southern edge of the property.

Migration Pathways

No PCE or any of its breakdown compounds were detected in the two soil vapor samples (SV-106 and SV-107) collected near the utilities (potential migration pathways) located below Sullivan Street. These results indicate that soil vapor impacts do not extend west beyond the Site, or are not migrating along the sewer and water lines below Sullivan Street. In addition these sample results combined with groundwater flow data collected during the Phase II ESA indicate that the source of PCE vapors is not located west of the Site across Sullivan Street.

Soil vapor samples, SV-108 and SV-109 are located hydraulically downgradient (south) of the Prime Tanning property based upon the groundwater data collected during the Phase II ESA, and adjacent to nearby utilities located along Berwick and Back Streets. PCE and TCE were detected in both samples. In SV-108, PCE was present at a concentration of 170 ug/m^3 which exceeds both the commercial and residential SGTs and TCE at a concentration of 104 ug/m^3 which exceeds the residential SGT. In SV-109, PCE was present at a concentration of 92.2 ug/m^3 which exceeds the residential SGT. During the Phase II ESA, ground penetrating radar (GPR) was used to locate and map a subsurface drainage system (identified as a buried streambed in the Phase II ESA), it is possible that this subsurface structure and soil surrounding it is acting as a migration pathway for contaminated soil vapor from the Site to the south along Berwick and Back Streets (see Figure 2), and may explain the elevated levels of PCE and TCE in soil vapor samples SV-101, SV-108, and SV-109.

Receptors

PCE was reported present at a concentration of 4.23 ug/m^3 in the near slab sample SV-205 collected from the public right of way near 10 Sullivan Street. The PCE concentration in SV-205 is below the residential SGT, and based upon this sample it is unlikely that the air inside the building at 10 Sullivan Street would exceed any indoor air standards.

The mixed-use commercial buildings located south the Site along Berwick Streets were not sampled as part of this investigation.

No PCE or any of its associated breakdown compounds were reported present in the indoor air (SSV-206) collected from the crawl space of 8 Sullivan Street or the sub-slab sample collected below the Berwick Town Hall (SSV-208).

CONCLUSIONS

PCE and TCE were the only compounds that exceeded the Residential and/or Commercial SGTs in three samples (SV-108, SV-109, and SV-110) collected along Berwick Street and on Site during the November 2010 sampling. PCE and its breakdown compounds were detected in the other soil vapor samples but at relatively low concentrations and below the applicable standards. Based upon this sampling event and the July 2010 sampling it appears that the PCE contamination in the soil vapor is originating from below the Main Tannery Complex on Site.

These data indicate VOC vapors could potentially pose a risk to the buildings south of the Site; however, given the low concentrations detected in subslab samples closer to the Site, the risk is negligible.

RECOMMENDATIONS

St.Germain recommends the following actions as part of redevelopment of the Site:

1) Conduct additional soil vapor sampling to further assess the vapor intrusion threat to nearby receptors located south of Site.

We appreciate the opportunity to assist MEDEP on this matter. Feel free to contact us if you have any questions.

Sincerely,
ST.GERMAIN COLLINS

Brian Bachmann, C.G.
Geologist

Figures

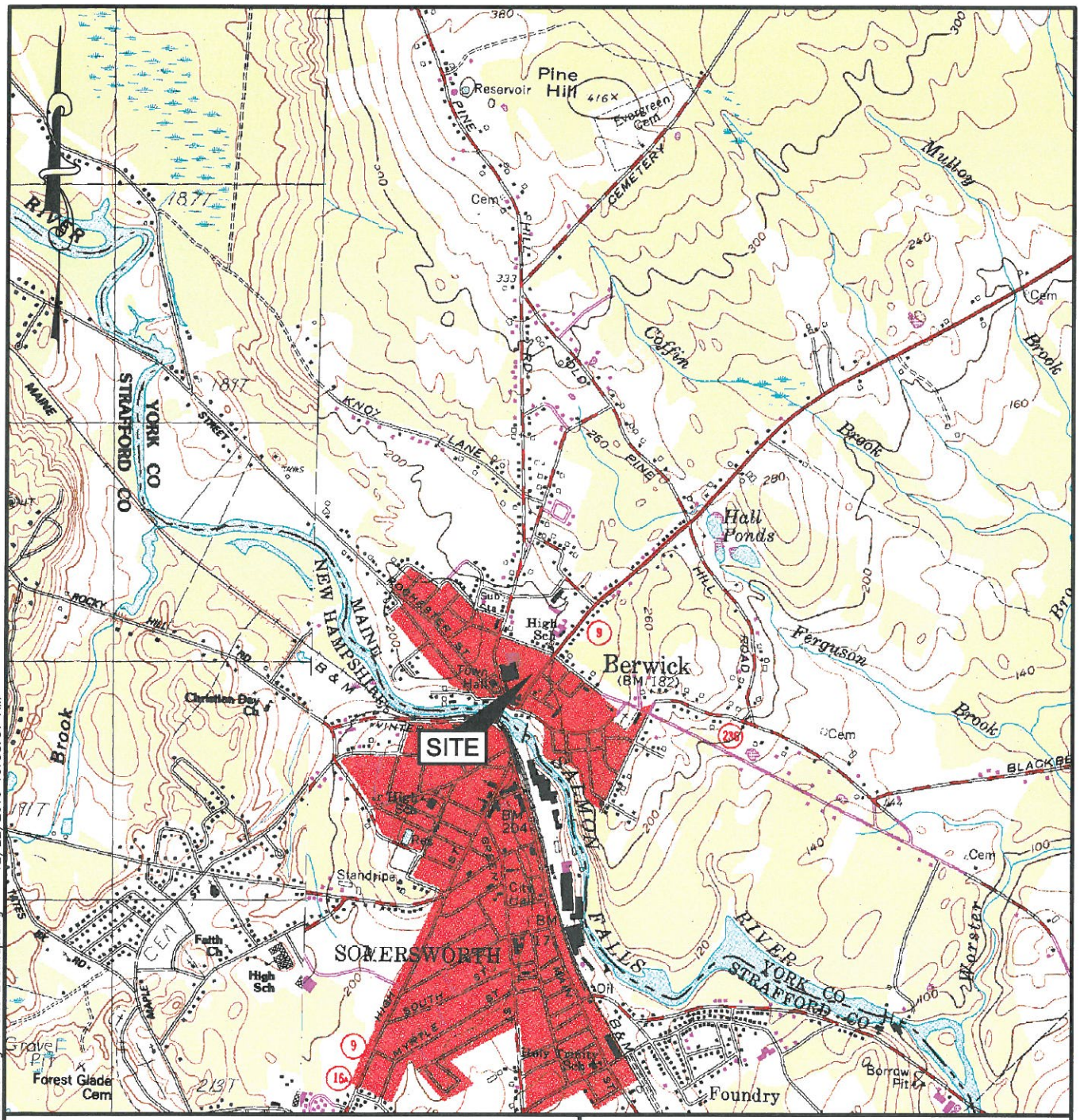
Figure 1	Site Location Map
Figure 2	Site Plan

Tables

Table 1	July 2010 Soil Vapor Sample Results
Table 2	Soil Vapor Sampling Rationale
Table 3	November 2010 Soil Vapor Sample Results

Attachments

Attachment A	No Action Assurance Letter
Attachment B	Laboratory Report
Attachment C	Field Documentation



REFERENCE:
USGS SERIES 7.5 TOPOGRAPHIC MAP, SOMERSWORTH QUADRANGLE, OBTAINED FROM MAINE GIS.

2000 0 1000 2000 4000

SCALE IN FEET
1"=2000'

SITE LOCATION MAP

DRAFT SUPPLEMENTAL SITE INVESTIGATION
FORMER PRIME TANNING COMPANY
SULLIVAN STREET
BERWICK, MAINE

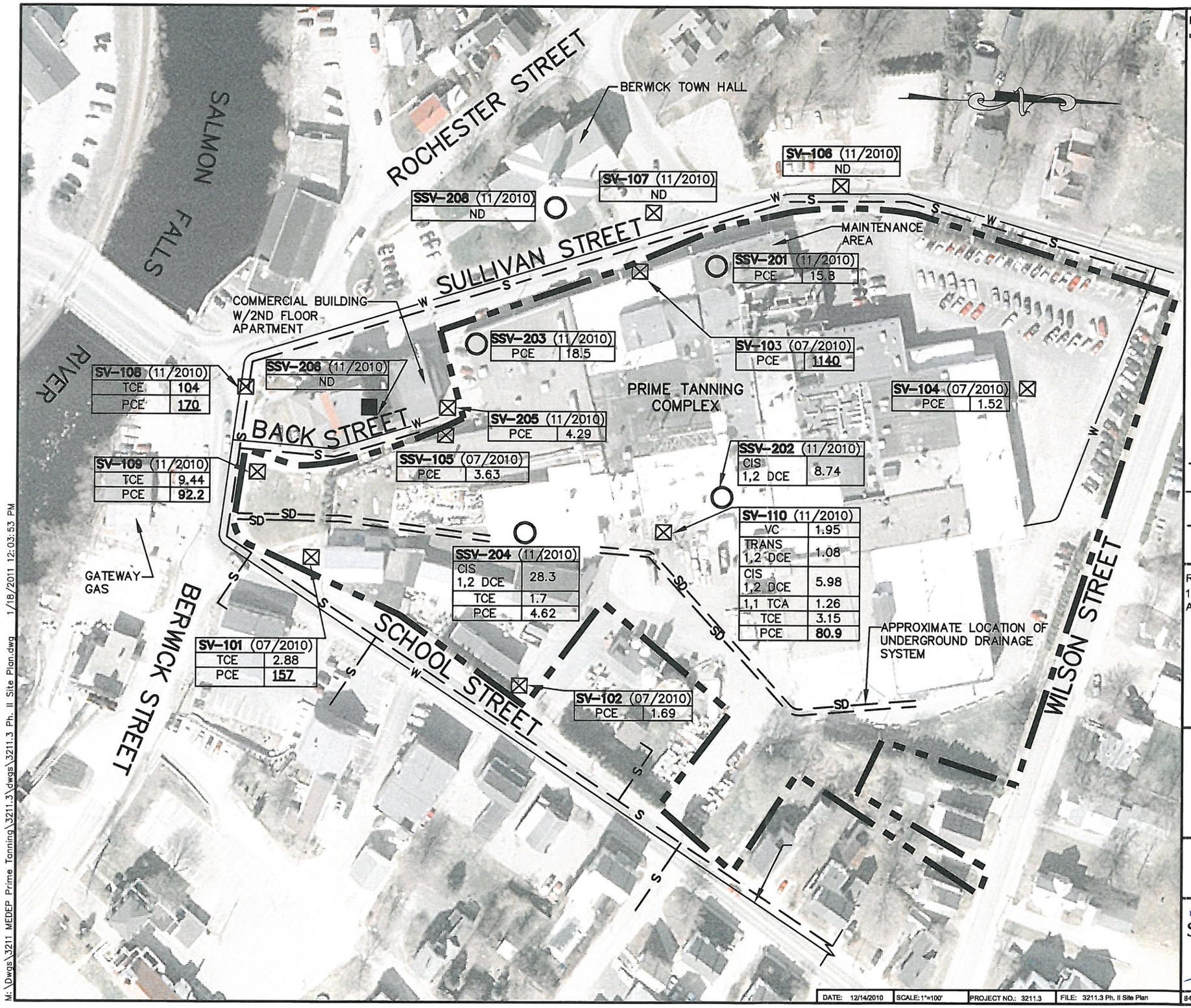
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
BROWNFIELDS PROGRAM
17 STATE HOUSE STATION
AUGUSTA, ME 04330

ENVIRONMENTAL CONSULTING GROUP
St. Germain · Collins

FIGURE 1

DATE: 12/14/2010	SCALE: 1"=2000'	PROJECT NO.: 3211.3	FILE: 3211.3 Fig. 1 Site Loc.Map	846 MAIN ST., SUITE 3 WESTBROOK, ME 04092 TEL: 207-591-7000 WWW.STGERMAINCOLLINS.COM

M:\Dwgs\3211 MEDEP Prime Tanning\3211.3\dwgs\3211.3 Fig. 1 Site Loc.Map.dwg 12/22/2010 10:58:51 AM



LEGEND:

- SITE BOUNDARIES (APPROXIMATE)
- BASEMENT AIR SAMPLE LOCATION
- SOIL VAPOR SAMPLE
- SUB SLAB SOIL VAPOR LOCATION
- SV-104 / PCE 1.52 — SAMPLE LOCATION DETECTED TARGET TO -15 COMPOUND AND CONCENTRATION
- VC — VINYL CHLORIDE
- PCE — TETRACHLOROTHENE
- TCE — TRICHLOROETHENE
- TCA — TRICHLOROETHANE
- DCE — DICHLOROETHENE
- ND — NON DETECT
- **80.9** — BOLD = EXCEEDS RESIDENTIAL SOIL GAS TARGET (SGT)
- 80.9 — UNDERLINED = EXCEEDS COMMERCIAL SGT
- S — APPROXIMATE LOCATION OF SEWER LINE
- W — APPROXIMATE LOCATION OF WATER LINE
- SD — APPROXIMATE LOCATION OF UNDERGROUND DRAINAGE SYSTEM

REFERENCE:
1. AERIAL PHOTOGRAPH DATED BETWEEN MARCH 2003 AND JUNE 2005 OBTAINED FROM MAINE GIS.

150 0 75 150 300
SCALE IN FEET
1"=150'

SITE PLAN

DRAFT SUPPLEMENTAL SITE INVESTIGATION
FORMER PRIME TANNING COMPANY
SULLIVAN STREET
BERWICK, MAINE

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
BROWNFIELDS PROGRAM
17 STATE HOUSE STATION
AUGUSTA, ME 04330

ENVIRONMENTAL CONSULTING GROUP
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FIGURE 2

DATE: 12/14/2010 | SCALE: 1"=100' | PROJECT NO.: 3211.3 | FILE: 3211.3 Ph. II Site Plan

846 MAIN ST., SUITE 3 WESTBROOK, ME 04092 TEL: 207-591-7000 WWW.STGERMAINCOLLINS.COM

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Table 1
July 2010 Soil Vapor Sample Results
Prime Tanning Company
Berwick, Maine

Sample ID:	Residential Targets	Commercial Targets	SV-101	SV-102	SV-103	SV-104	SV-105
Date:			7/20/10	7/20/10	7/20/10	7/20/10	7/20/10
Detected Target TO-15 Compounds							
Trichloroethene	61	307	**2.88**	---	**2.79**	---	---
Tetrachlorothene	21	104	**157**	**1.69**	**1140**	**1.52**	**3.63**

Notes:
Data in ug/m3.
--- = Not detected above Laboratory Detection limit
NA = not applicable.
Shaded indicates an exceedence of the residential soil gas target
Underline indicates exceedence of commericial soil gas target.
Bold indicates that compound was detected above the laboratory Reporting Limit.

Table 2
November 2010 Soil Vapor Sample Rationale
Former Prime Tanning Company
Berwick, Maine

Sample Identification	Location	Reason for Sample	Potentially Applicable Soil Gas Target	Additional Information
Soil Vapor				
SV-106	In the center of Sullivan Street north of SV-103 in a road cut.	Evaluate the migration pathway	Commercial	
SV-107	In Sullivan Street west of SV-103, and along the nearby sewer and water lines.	Evaluate the migration pathway	Commercial	
SV-108	Corner of Sullivan and Berwick Streets along the nearby the sewer and water lines.	Evaluate the migration pathway	Commercial	
SV-109	In the grassed area south of the Prime Tanning Complex along Berwick Street.	Evaluate the migration pathway	Commercial	
SV-109 Dup	Collected from the same sample point as SV-109	QA/QC	N/A	Collected without a splitter due to laboratory oversight.
SV-110	Downgradient of GW-108 in the center of the Prime Tanning Complex.	Source identification	Commercial	
Sub-Slab Vapor				
SSV-201	Prime Tanning Building in the location of the former maintenance area.	Source identification	Commercial	
SSV-202	North central part of the Prime Tanning building, upgradient of GW-108.	Source identification	Commercial	
SSV-203	West central portion of the Prime Tanning building downgradient of the SV-103 location.	Source identification	Commercial	
SSV-204	The former liquid chemical receiving area for Prime Tanning.	Source identification	Commercial	
SV-205	Collected near slab the building located at 10 Sullivan Street.	Receptor	Residential	The first floor is a resturant, and the second floor is residential apartment.
SSV-206 (# 8 Sullivan Street)	Indoor air collected in the crawl space.	Receptor	Commercial	
SSV-208	Below the concrete slab inside the Berwick Town Hall.	Receptor	Commercial	
Ambient	At the SV-205 sample location	QA/QC	N/A	
SV-111B	Zero air collected from Katahdin Analytical Services in Scarborough, Maine.	Blank and QA/QC	N/A	Used to evaluate the effectiveness of the laboratory cleaning methods.

Notes:
QA/QC = Quality Assurance and Quality Control
N/A = Not Applicable

Table 3
November 2010 Soil Vapor Sample Results
Former Prime Tanning Company
Berwick, Maine

Sample ID:	Residential Targets	Commercial Targets	SSV-201	SSV-202	SSV-203	SSV-204	SV-205	SSV-206 (#	SSV-208	SV-106
Date:			11/10/10	11/10/10	11/10/10	11/10/10	11/10/10	11/10/10	11/10/10	11/10/10
Detected Target TO-15 Compounds										
Vinyl Chloride	28	139	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	626	2,628	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	626	2,628	---	**8.74**	---	**28.3**	---	---	---	---
1,1,1-Trichloroethane	52,143	219,000	---	---	---	---	---	---	---	---
Trichloroethene	61	307	---	---	---	**1.7**	---	---	---	---
Tetrachlorothene	21	104	**15.8**	---	**18.5**	**4.62**	**4.29**	---	---	---

Notes:
Data in ug/m3.
--- = Not detected above laboratory detection limits.
NA = not applicable.
Shaded indicates an exceedence of the residential soil gas target
Underline indicates exceedence of commericial soil gas target.
Bold indicates that compound was detected above the laboratory Reporting Limit.
SSV-206 is the same a #8 Sullivan Street
SSV-208 is the sub-slab sample for the Berwick Town Hall

Table 3
November 2010 Soil Vapor Sample Results
Former Prime Tanning Company
Berwick, Maine

Sample ID: / Date:	Residential Targets	Commercial Targets	SV-107	SV-108	SV-109	SV-110	SV-111B	Ambient
			11/10/10	11/10/10	11/10/10	11/10/10	11/10/10	11/10/10
Detected Target TO-15 Compounds								
Vinyl Chloride	28	139	---	---	---	**1.95**	---	---
trans-1,2-Dichloroethene	626	2,628	---	---	---	**1.08**	---	---
cis-1,2-Dichloroethene	626	2,628	---	---	---	**5.98**	---	---
1,1,1-Trichloroethane	52,143	219,000	---	---	---	**1.26**	---	---
Trichloroethene	61	307	---	**104**	**9.44**	**3.15**	---	---
Tetrachlorothene	21	104	---	**170**	**92.2**	**80.9**	---	---

Notes:
Data in ug/m3.
--- = Not detected above laboratory detection limits.
NA = not applicable.
Shaded indicates an exceedence of the residential soil gas target
Underline indicates exceedence of commericial soil gas target.
Bold indicates that compound was detected above the laboratory Reporti
SSV-206 is the same a #8 Sullivan Street
SSV-208 is the sub-slab sample for the Berwick Town Hall

ATTACHMENT A

No Action Assurance Letter

December 3, 2010

Paul Larochelle, President
Prime Tanning-Hartland
9 Main Street
Hartland, Maine 04943

Mark Kehaya, Managing Member Executive Director
The Fund of Jupiter LLC
1061 E. Indiantown Road, Suite104
Jupiter, Florida 33477

Keith Trefethen, Manager
Town of Berwick
PO Box 696
Berwick, Maine 03901

Re: Prime Tanning, Berwick-No Action Assurance Letter

Dear Mr. Larochelle, Kehaya, and Trefethen:

The Maine Department of Environmental Protection (hereinafter the Department) has received your application for the Prime Tanning Company Site, located at 20, 29, 34 & 35 Sullivan Street in Berwick to participate in the Voluntary Response Action Program (VRAP). We have reviewed the Ransom Environmental Phase 1 environmental site assessment report (ESA) dated August 2, 2010 and the St Germain Collins Environmental Consulting Group Phase II ESA report dated October 15, 2010 for this site, along with supporting documentation. Based on this information, you have requested that the applicants to the VRAP receive the protections from Department enforcement actions provided by the VRAP Law

The site has been an industrial/manufacturing property since 1877 and was most recently operated as a leather tanning and processing complex. Historically the site facility was operated as a wool pulling works facility, a sash and door manufactory, a reed manufactory, a carriage manufactory, an oil company, a laundry facility, a shoe factory, and a lumber company. As a result of site investigations and assessments at the property in 2010, six areas of concern (AOCs) and seven recognized environmental conditions (RECs) were identified---see attached Figure 2. These areas of concern and RECs are discussed in detail in the St Germain Phase II ESA report.

Remedial activities have occurred at the site including the removal and disposal of 400 tons of leather waste from the site—Area 3 in 2009. In addition, the site went through RCRA closure in 2009 as well

Based on the information presented in the ESA reports, the Department concurs with St Germain's recommendations for additional actions to be taken onsite as part of the redevelopment of the site. These recommendations along with additional input from VRAP are discussed below:

1. A soil management plan (SMP) to include/address worker health and safety issues, and the disposal, recycling/reuse and/or appropriate cover of contaminated soil or waste materials such as buried leather scrap, must be developed and then approved by MEDEP prior to excavation and/or building foundation/slab demolition work in Areas 1, 2, 3 & 6. (An appropriate cover system must consist of a cover/marker layer and at least 12" of clean fill or a DEP-approved impervious layer over the area of concern).

2. For soil excavation and/or building foundation slab demolition/removal activities planned for AOCs 1, 2, 3, or 6, the Department must be notified beforehand. Exposed soils must be inspected by a qualified environmental professional for evidence of release (e.g. staining, odor, etc.), especially near the floor drains and other conduits that penetrate the foundation. If contamination is suspected or confirmed, MEDEP should be notified, and additional sampling, characterization, and remediation activities (removal/disposal, cover, deed restrictions, etc) may be necessary. Plans for such activities should also be approved by MEDEP beforehand.

3. Groundwater extraction shall be prohibited without the written permission of the VRAP. It is understood that public water will be supplied to the property if future redevelopment requires water.

4. If a new building(s) is planned to be constructed in AOC 1, 2, 3), then a vapor management system to prevent the potential migration of petroleum and VOC vapors into the structure, must be developed and approved by the Department. Plans for such system must be developed and stamped by a Maine Certified Professional Engineer. If existing buildings are to remain in place, indoor air quality sampling must be conducted and results must comply with current appropriate regulatory guidelines/standards for the proposed reuse of the building. If indoor air samples do not meet appropriate regulatory guidelines, a remedial plan must be submitted to the VRAP for review and approval and remedial measures must be implemented prior to commencing use of such building for the intended purpose.

5. Additional investigation is necessary to determine if the PCE contamination detected onsite is migrating offsite and impacting receptors.

6. Additional investigation and remediation may be necessary for the property to be used for residential use.

7. If building demolition/renovation activities are to be conducted onsite, building construction materials must be handled and disposed of appropriately (ie asbestos containing materials, etc.).

8. A Declaration of Environmental Covenants consistent with the final Certificate of Completion or No Further Action letter that is acceptable to the Department, must be prepared and recorded at the York County Registry of Deeds. A copy of the recorded final DEP letter and DEC document must be supplied to the Department.

Provided that the recommendations and/or remedial actions are completed as outlined in the above and to the satisfaction of the Department, the applicants (Prime Tanning/Mr. Larochelle, The Fund of Jupiter LLC/Mr. Kehaya, and the Town of Berwick/Mr Trefethen) and their successors and/or assigns will be granted the liability protection provided by 38 M.R.S.A. §343-E(1) for the property located at 20, 29, 34 & 35 Sullivan Street in Berwick, identified as Lots 95, 130, 133, & 146 on Berwick Tax Map U-4, and described in Book 6707 Page 302 (Lot 95), Book 2157 Page 637 (Lot 130), Book 2611 Page 246 (Lot 133), Book 2045 Page 638 (Lot 133), and Book 1522 Page 235 (Lot 146) of the York County Registry of Deeds. The Department will take no action against (Prime Tanning/Mr. Larochelle, The Fund of Jupiter LLC/Mr. Kehaya, and the Town of Berwick/Mr Trefethen) and those persons identified in 38 M.R.S.A. § 343-E(6).

Once the proposed and DEP-approved recommended remedial measures for the property are satisfactorily completed, a report demonstrating the successful implementation of the tasks should be forwarded to the VRAP for review. Upon determining successful conclusion of the remedial tasks, the Department will issue to Prime Tanning/Mr. Larochelle, The Fund of Jupiter LLC/Mr. Kehaya, and the Town of Berwick/Mr Trefethen, a Commissioner's Certificate of Completion or No Further Action letter.

If you have any questions, please call me at 207-287-4853.

Sincerely,

Gordon Fuller,
Oil and Hazardous Materials Specialist
Division of Remediation
Bureau of Remediation and Waste Management

cc: Nick Hodgkins, Jean Firth--MEDEP

ATTACHMENT B

Laboratory Report
and
Relative Percent Difference Table

Relative Percent Difference Table
Former Prime Tanning Company
Berwick, Maine

Sample ID:	SV-109	SV-109 Dup	RPD
Depth:			
Date:	11/10/10	11/10/10	
Targeted TO-15 Compounds			
Vinyl Chloride	ND (0.511)	ND (0.511)	NA
1,1-Dichloroethene	ND (0.792)	ND (0.792)	NA
trans-1,2-Dichloroethene	ND (0.792)	ND (0.792)	NA
1,1-Dichloroethane	ND (0.809)	ND (0.809)	NA
cis-1,2-Dichloroethane	ND (0.792)	ND (0.792)	NA
1,2-Dichloroethene	ND (0.809)	ND (0.809)	NA
1,1,1-Trichloroethane	ND (1.09)	ND (1.09)	NA
Trichloroethene	**9.44**	**8.15**	**15%**
Tetrachlorothene	**92.2**	**75.5**	**20%**

ANALYTICAL REPORT

Lab Number:	L1018481
Client:	St.Germain Collins 846 Main Street Westbrook, ME 04092-2847
ATTN:	Brian Bachmann
Phone:	(207) 591-7000
Project Name:	PRIME TANNING
Project Number:	3211.3
Report Date:	11/29/10

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320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
Report Date: 11/29/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1018481-01	SSV-201	BERWICK, ME	11/10/10 09:58
L1018481-02	SV-110	BERWICK, ME	11/10/10 10:29
L1018481-03	SSV-202	BERWICK, ME	11/10/10 11:02
L1018481-04	SSV-204	BERWICK, ME	11/10/10 11:16
L1018481-05	SSV-203	BERWICK, ME	11/10/10 11:46
L1018481-06	SV-109	BERWICK, ME	11/10/10 12:33
L1018481-07	SV-109 DUP	BERWICK, ME	11/10/10 12:55
L1018481-08	SV-108	BERWICK, ME	11/10/10 13:39
L1018481-09	SV-107	BERWICK, ME	11/10/10 14:06
L1018481-10	SSV-208	BERWICK, ME	11/10/10 14:37
L1018481-11	#8 SULLIVAN ST	BERWICK, ME	11/10/10 15:12
L1018481-12	AMBIENT	BERWICK, ME	11/10/10 15:23
L1018481-13	SV-106	BERWICK, ME	11/10/10 15:41
L1018481-14	SV-205	BERWICK, ME	11/10/10 16:09
L1018481-15	SV-111B	BERWICK, ME	11/11/10 11:40
L1018481-16	CAN 1735	BERWICK, ME	

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Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

For additional information, please contact Client Services at 800-624-9220.

The canister certification results are provided as an addendum.

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

Authorized Signature: Kathleen M. O'Brien Kathleen O'Brien

Title: Technical Director/Representative

Date: 11/29/10

ALPHA ANALYTICAL

AIR

Project Name: PRIME TANNING
Project Number: 3211.3
Lab Number: L1018481
Report Date: 11/29/10

SAMPLE RESULTS

Lab ID:	L1018481-01	Date Collected:	11/10/10 09:58
Client ID:	SSV-201	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 16:49		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	2.34	0.200	--	15.8	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	90		60-140

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID:	L1018481-02	Date Collected:	11/10/10 10:29
Client ID:	SV-110	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 17:27		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	0.763	0.200	--	1.95	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	0.272	0.200	--	1.08	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	1.51	0.200	--	5.98	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	0.231	0.200	--	1.26	1.09	--		1
Trichloroethene	0.586	0.200	--	3.15	1.07	--		1
Tetrachloroethene	11.9	0.200	--	80.9	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: PRIME TANNING
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Lab Number: L1018481
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SAMPLE RESULTS

Lab ID: L1018481-03
Client ID: SSV-202
Sample Location: BERWICK, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/20/10 18:06
Analyst: BS

Date Collected: 11/10/10 11:02
Date Received: 11/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	2.20	0.200	--	8.74	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

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

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID: L1018481-04
Client ID: SSV-204
Sample Location: BERWICK, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/20/10 18:44
Analyst: BS

Date Collected: 11/10/10 11:16
Date Received: 11/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	7.15	0.200	--	28.3	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	0.317	0.200	--	1.70	1.07	--		1
Tetrachloroethene	0.681	0.200	--	4.62	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID: L1018481-05
Client ID: SSV-203
Sample Location: BERWICK, ME
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/20/10 19:22
Analyst: BS

Date Collected: 11/10/10 11:46
Date Received: 11/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	2.72	0.200	--	18.5	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	106		60-140

ALPHA ANALYTICAL

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Lab Number: L1018481
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SAMPLE RESULTS

Lab ID:	L1018481-06	Date Collected:	11/10/10 12:33
Client ID:	SV-109	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 20:39		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	1.76	0.200	--	9.44	1.07	--		1
Tetrachloroethene	13.6	0.200	--	92.2	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

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Project Number: 3211.3

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SAMPLE RESULTS

Lab ID:	L1018481-07	Date Collected:	11/10/10 12:55
Client ID:	SV-109 DUP	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 21:18		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	1.52	0.200	--	8.15	1.07	--		1
Tetrachloroethene	11.1	0.200	--	75.5	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID:	L1018481-08	Date Collected:	11/10/10 13:39
Client ID:	SV-108	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 21:56		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	1.16	0.200	--	4.61	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	0.681	0.200	--	2.70	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	19.5	0.200	--	104	1.07	--		1
Tetrachloroethene	25.1	0.200	--	170	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	112		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	110		60-140

ALPHA ANALYTICAL

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID:	L1018481-09	Date Collected:	11/10/10 14:06
Client ID:	SV-107	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 22:34		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	117		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	113		60-140

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID:	L1018481-10	Date Collected:	11/10/10 14:37
Client ID:	SSV-208	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 23:10		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	109		60-140
chlorobenzene-d5	98		60-140

ALPHA ANALYTICAL

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
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SAMPLE RESULTS

Lab ID:	L1018481-11	Date Collected:	11/10/10 15:12
Client ID:	#8 SULLIVAN ST	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 16:10		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	103		60-140

Project Name: PRIME TANNING
Project Number: 3211.3
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SAMPLE RESULTS

Lab ID:	L1018481-12	Date Collected:	11/10/10 15:23
Client ID:	AMBIENT	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 15:33		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140

Project Name: PRIME TANNING
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SAMPLE RESULTS

Lab ID:	L1018481-13	Date Collected:	11/10/10 15:41
Client ID:	SV-106	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/20/10 23:48		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: PRIME TANNING
Project Number: 3211.3
Lab Number: L1018481
Report Date: 11/29/10

SAMPLE RESULTS

Lab ID:	L1018481-14	Date Collected:	11/10/10 16:09
Client ID:	SV-205	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/21/10 00:27		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	0.633	0.200	--	4.29	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	86		60-140

Project Name: PRIME TANNING
Project Number: 3211.3
Lab Number: L1018481
Report Date: 11/29/10

SAMPLE RESULTS

Lab ID:	L1018481-15	Date Collected:	11/11/10 11:40
Client ID:	SV-111B	Date Received:	11/18/10
Sample Location:	BERWICK, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Anaytical Method:	48,TO-15		
Analytical Date:	11/21/10 01:05		
Analyst:	BS		

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	86		60-140

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
Report Date: 11/29/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/20/10 14:23

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-15 Batch: WG444197-4								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
Report Date: 11/29/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-15 Batch: WG444197-3								
Vinyl chloride	89		-		70-130	-		
1,1-Dichloroethene	97		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
1,1,1-Trichloroethane	98		-		70-130	-		
Trichloroethene	90		-		70-130	-		
Tetrachloroethene	77		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
Report Date: 11/29/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-15 QC Batch ID: WG444197-5 QC Sample: L1018481-05 Client ID: SSV-203						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	2.72	2.29	ppbV	17		25

Project Name: PRIME TANNING

Project Number: 3211.3

Lab Number: L1018481

Report Date: 11/29/10

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1018481-01	SSV-201	0437	#90 SV		-	-	200	209	4
L1018481-01	SSV-201	158	2.7L Can	L1016393	-28.9	0.4	-	-	-
L1018481-02	SV-110	0159	#90 SV		-	-	200	206	3
L1018481-02	SV-110	399	2.7L Can	I1017134	-28.9	0.9	-	-	-
L1018481-03	SSV-202	0001	#90 SV		-	-	200	210	5
L1018481-03	SSV-202	423	2.7L Can	I1017134	-28.9	1.0	-	-	-
L1018481-04	SSV-204	0325	#90 SV		-	-	200	203	1
L1018481-04	SSV-204	396	2.7L Can	I1017134	-28.9	-0.4	-	-	-
L1018481-05	SSV-203	0295	#90 SV		-	-	200	205	2
L1018481-05	SSV-203	536	2.7L Can	I1017134	-28.9	0.8	-	-	-
L1018481-06	SV-109	0280	#90 SV		-	-	200	209	4
L1018481-06	SV-109	336	2.7L Can	L1016393	-28.9	-1.3	-	-	-
L1018481-07	SV-109 DUP	0230	#30 SV		-	-	200	203	1
L1018481-07	SV-109 DUP	360	2.7L Can	I1017134	-28.9	0.3	-	-	-
L1018481-08	SV-108	0293	#90 SV		-	-	200	209	4
L1018481-08	SV-108	549	2.7L Can	I1017134	-28.9	-2.0	-	-	-
L1018481-09	SV-107	0373	#20 SV		-	-	200	205	2

Project Name: PRIME TANNING

Lab Number: L1018481

Project Number: 3211.3

Report Date: 11/29/10

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1018481-09	SV-107	174	2.7L Can	I1017134	-28.9	-3.0	-	-	-
L1018481-10	SSV-208	0172	#90 SV		-	-	200	212	6
L1018481-10	SSV-208	448	2.7L Can	I1017134	-28.9	-1.6	-	-	-
L1018481-11	#8 SULLIVAN ST	0375	#90 SV		-	-	200	210	5
L1018481-11	#8 SULLIVAN ST	1744	2.7L Can	I1017134	-28.9	0.5	-	-	-
L1018481-12	AMBIENT	194	2.7L Can	I1017134	-28.9	0.5	-	-	-
L1018481-13	SV-106	0283	#20 AMB		-	-	200	200	0
L1018481-13	SV-106	157	2.7L Can	L1016393	-28.9	-0.4	-	-	-
L1018481-14	SV-205	0390	#90 SV		-	-	200	210	5
L1018481-14	SV-205	239	2.7L Can	I1017134	-28.9	1.0	-	-	-
L1018481-15	SV-111B	0149	#90 SV		-	-	200	207	3
L1018481-15	SV-111B	1740	2.7L Can	I1017134	-28.9	-0.1	-	-	-

ALPHA ANALYTICAL

Air Volatiles Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/21/10 18:04
Analyst: RY

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.200	--	ND	0.344	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

ALPHA ANALYTICAL

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	1.10	1.00	--	3.80	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1

ALPHA ANALYTICAL

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

ALPHA ANALYTICAL

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/21/10 18:04
Analyst: RY

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	1.07	1.00	--	3.72	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1016393

Project Number: CANISTER QC BAT **Report Date:** 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01 Date Collected: 10/18/10 00:00

Client ID: CAN 108B SHELF 7 Date Received: 10/18/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.020	--	ND	0.075	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1016393
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1016393-01
Client ID: CAN 108B SHELF 7
Sample Location:

Date Collected: 10/18/10 00:00
Date Received: 10/18/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/30/10 19:55
Analyst: RY

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.200	--	ND	0.344	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	1.52	0.200	--	5.48	0.720	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	80		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/30/10 19:55
Analyst: RY

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	0.062	0.050	--	0.475	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

ALPHA ANALYTICAL

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	1.55	0.100	--	5.58	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.020	--	ND	0.075	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

ALPHA ANALYTICAL

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1017134
Report Date: 11/29/10

Air Canister Certification Results

Lab ID: L1017134-01
Client ID: CAN 112 SHELF 1
Sample Location:

Date Collected: 10/29/10 00:00
Date Received: 10/29/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1016393
Report Date: 11/29/10

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1016393-01	Date Collected:	10/18/10 00:00
Client ID:	CAN 108B SHELF 7	Date Received:	10/18/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	10/27/10 13:03		
Analyst:	AJ		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1017134

Project Number: CANISTER QC BAT **Report Date:** 11/29/10

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1017134-01	Date Collected:	10/29/10 00:00
Client ID:	CAN 112 SHELF 1	Date Received:	10/29/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	10/30/10 19:55		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: PRIME TANNING
Project Number: 3211.3

Lab Number: L1018481
Report Date: 11/29/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1018481-01A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-02A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-03A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-04A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-05A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-06A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-07A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-08A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-09A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-10A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-11A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-12A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-13A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-14A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-15A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	TO15-LL(30)
L1018481-16A	Canister - 2.7 Liter	N/A	N/A		Y	Present/Intact	CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name: PRIME TANNING **Lab Number:** L1018481
Project Number: 3211.3 **Report Date:** 11/29/10

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

Report Format: Data Usability Report

Project Name: PRIME TANNING **Lab Number:** L1018481

Project Number: 3211.3 **Report Date:** 11/29/10

Data Qualifiers

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: PRIME TANNING **Lab Number:** L1018481
Project Number: 3211.3 **Report Date:** 11/29/10

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held. For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, EPA 120.1, SM2510B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab:

ALPHA Job #: L1018481

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: St. Germain Collins
Address: 846 Main St. Westbrook, ME 04092
Phone: 1-207-591-7000
Fax: 1-207-591-7329
Email: briamb@stgermaincollins.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Prime Tanning
Project Location: Berwick, ME
Project #: 3211.3
Project Manager: Brian Bachmann
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15 (9 chlor only)	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
-1	SSV-201	11/10/10	0934	0958	>-30	-4	SV	HA	2.7	158	0437		X						
-2	SV-110	↓	1014	1029	>-30	-2.5	SV	TWK	2.7	399	0159		X						
-3	SSV-202	↓	1046	1102	-30	-0.5	SV	TWK	2.7	423	0001		X						
-4	SSV-204	↓	1059	1116	>30	4	SV	TWK	2.7	396	0325		X						
-5	SSV-203	↓	1125	1146	>30	3	SV	TWK	2.7	536	0295		X						
-6	SV-109	↓	1222	1233	29	2	SV	TWK	2.7	536	0280		X						
-7	SV-109 Dup	↓	1237	1255	30	3	SV	TWK	2.7	360	0230		X						
-8	SV-108	↓	1328	1339	29	2	SV	TWK	2.7	549	0293		X						
-9	SV-107	↓	1355	1406	28	3.5	SV	TWK	2.7	174	0373		X						
-10	SSV-208	↓	1423	1437	28	1	SV	HA	2.7	448 ~~172~~	OR 2 448 BA		X						
									Container Type		2.7L		10						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]		[signature]	11/18/10 1045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 (19-Jun-09)

Serial_No:11291015:00

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1018481

Client Information

Client: St-Germain Collins
Address: 846 Main St.
Westbrook, ME 04092
Phone: 1-207-591-7000
Fax: 1-207-591-7329
Email: brianb@stgermaincollins.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Prime Tanning
Project Location: Berwick, ME
Project #: 3211.3
Project Manager: Brian Bachmann
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15 (9 Chlor only)	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
-11	#8 Sullivan St.	11/10/10	1451	1512	>30	1.5	IAA	TWK	2.7	1744	0375		X						
-12	Ambient	↓	1505	1523	>30	3	OAA	TWK	2.7	194	0390		X						
-13	SV-106		1525	1541	29	3	SV	TWK	2.7	157	283		X						
-14	SV-205		1536	1609	30	1	SV	TWK	2.7	239	390		X						
-15	SV-111B	11/11/10	1125	1140	26	2	SV	BDB	2.7	1740	0149		X						
											Container Type		2.7		5				

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]		[signature]	11/18/10 1045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 (19-Jun-09)

Serial_No:11291013:00

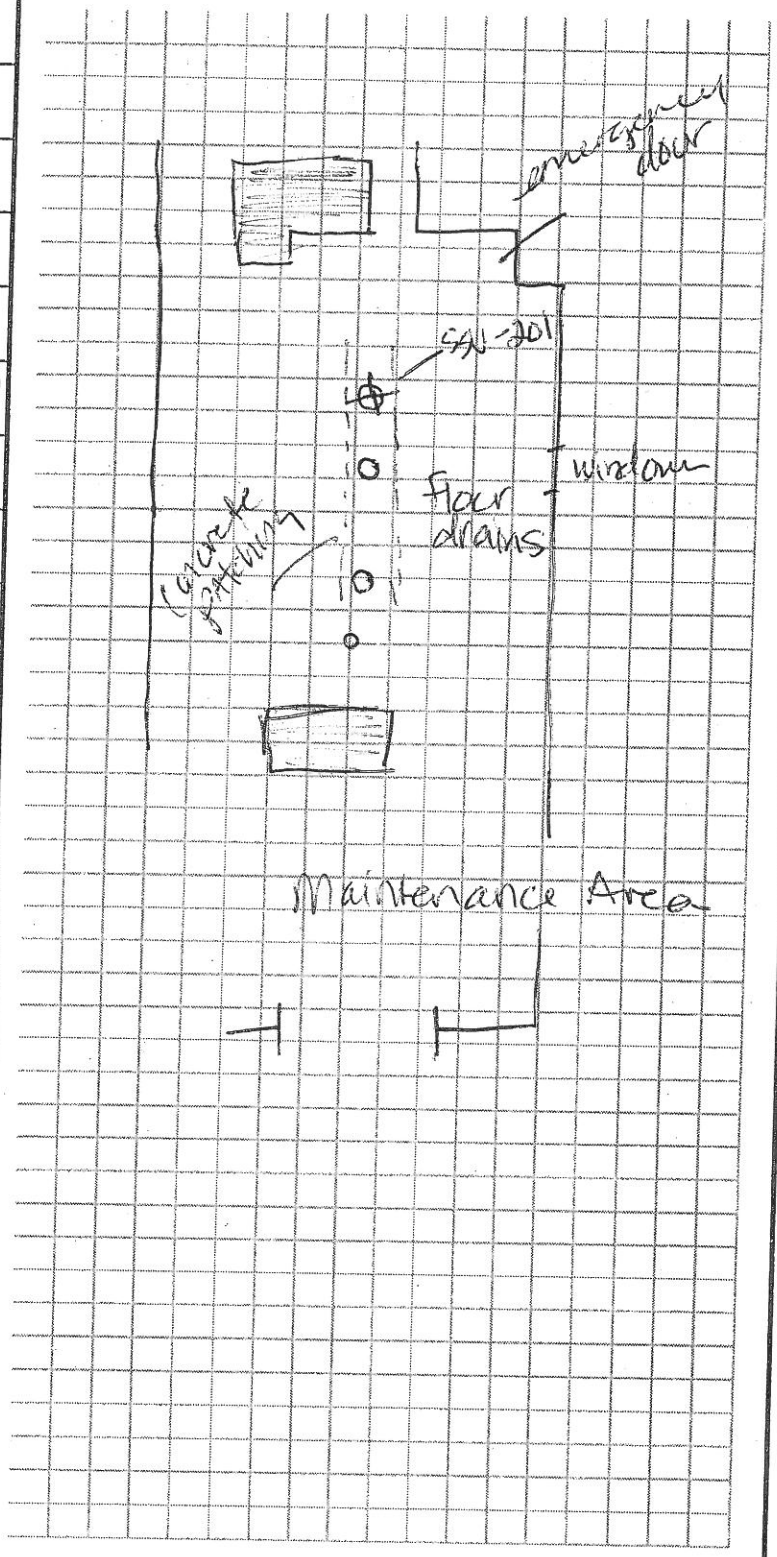
ATTACHMENT C

Field Documentation

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Pine Tarning
Location:	Berwick
Date:	~~10~~ 11-10-10
Sample I.D.:	SSV-201
Sampling Personnel:	HA, TWK
Project Manager:	GF
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	Before 20.9 / After 20.9
CO_2:	1250 / 750
Flow rate:	200 ml/min
Cannister I.D.:	158
Controller I.D.:	0437
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	934
Initial Vacuum:	>-30
Sampling End Time:	0958
Final Vaccum:	-4

Sample Location Sketch



Notes:

O_2 20.9

CO_2 450

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SV-110
Sampling Personnel:	HA, TWX
Project Manager:	GF
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	~~18~~ 20.9
CO_2:	3200
Flow rate:	200 ml/min
Cannister I.D.:	399
Controller I.D.:	0159
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	2'4"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1014
Initial Vacuum:	7-30
Sampling End Time:	1029
Final Vaccum:	-25

Sample Location Sketch

Notes:

Ambient 20.9 O_2

450 CO_2

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SSV-202
Sampling Personnel:	HA, TWK
Project Manager:	Gordon Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	
O_2:	20.9
CO_2:	1200
Flow rate:	(TWK) ~~0004~~ 200 ml/min
Cannister I.D.:	423
Controller I.D.:	(TWK) 0001
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	12"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1046
Initial Vacuum:	-30
Sampling End Time:	1102
Final Vaccum:	-.5

Sample Location Sketch

- Near sump location

Notes: Ambient

CO_2 500

O_2 20.9

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Pinetanning
Location:	S Berwick
Date:	11-10-12
Sample I.D.:	SSV-203
Sampling Personnel:	HA, TWK
Project Manager:	Jordan Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	
O_2:	20.9
CO_2:	2200
Flow rate:	200 ml/min
Cannister I.D.:	536
Controller I.D.:	0295
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	18"
Depth to Water:	not available
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1125
Initial Vacuum:	> -30
Sampling End Time:	~~1125~~ TWK 1146
Final Vaccum:	-3

Sample Location Sketch

Notes:

Ambient 20.9

450

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SSV-204
Sampling Personnel:	HA, TUK
Project Manager:	Gordon Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.9
CO_2:	1550
Flow rate:	200 mL/min
Cannister I.D.:	396
Controller I.D.:	0325
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	~~TZ~~ 2'
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1059
Initial Vacuum:	>-30
Sampling End Time:	11:16
Final Vaccum:	-4

Sample Location Sketch

Notes:

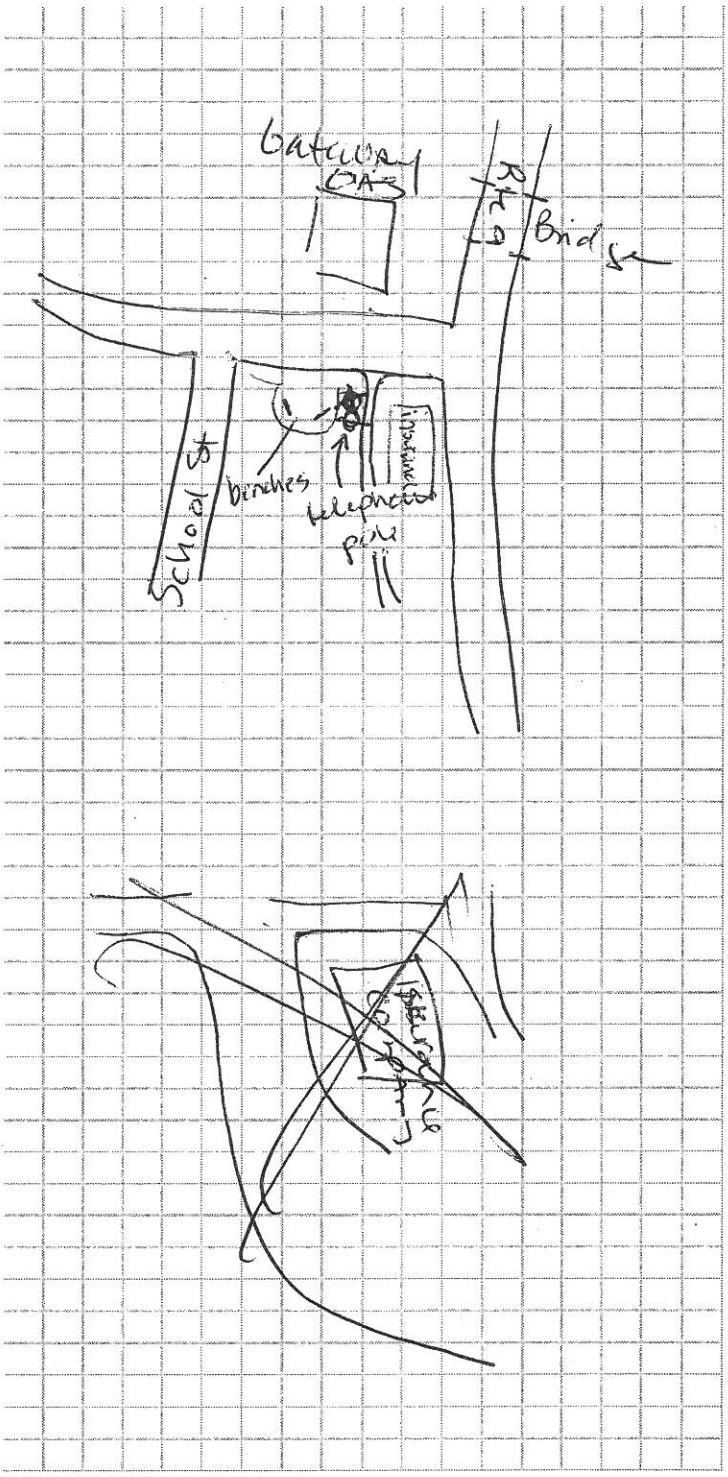
Ambient 20.9

CO_2 450

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SV-109
Sampling Personnel:	HA. TWK
Project Manager:	Gordon Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.3
CO_2:	>10,000
Flow rate:	200 ml/min
Cannister I.D.:	~~1735~~ 336 *
Controller I.D.:	0280 *
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	4'
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1222
Initial Vacuum:	-29
Sampling End Time:	1233
Final Vaccum:	-2

Sample Location Sketch



Notes:

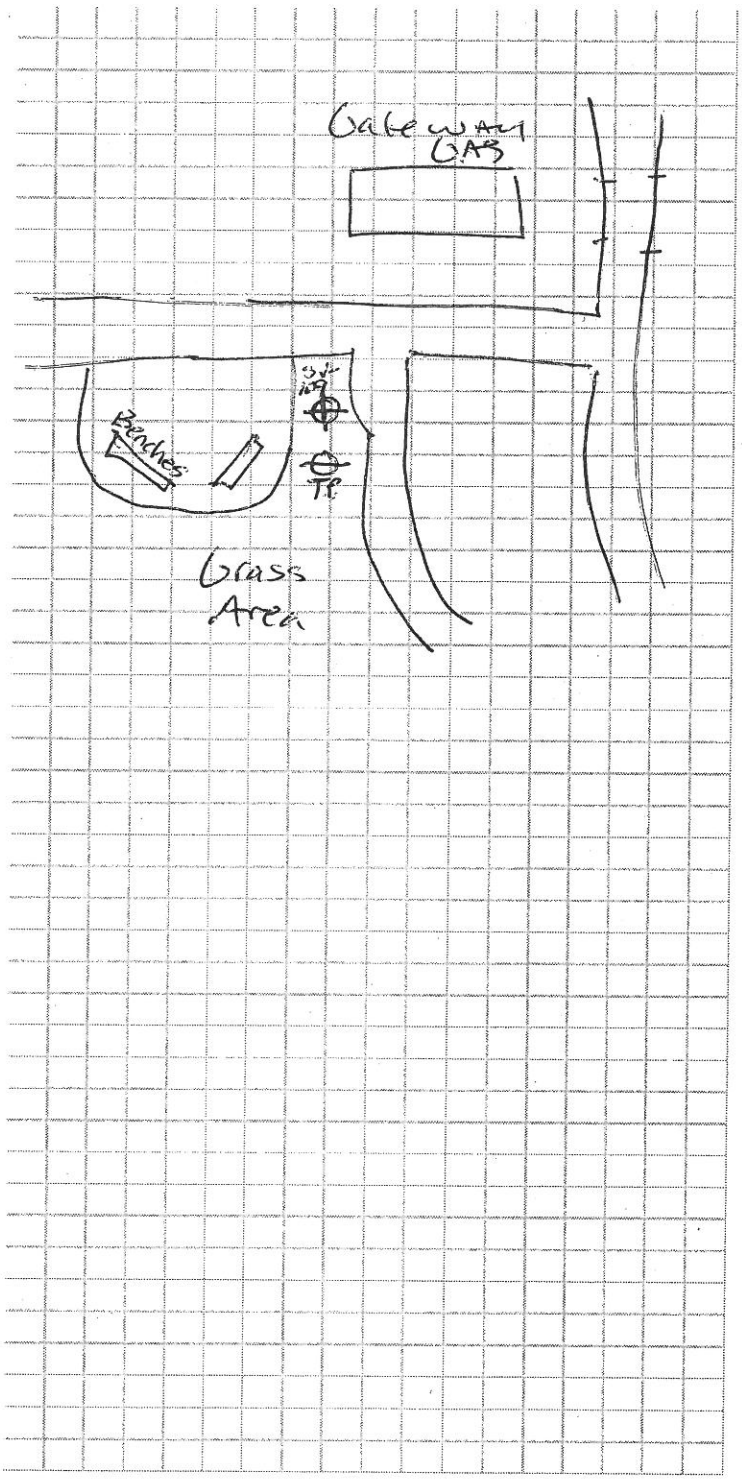
Ambient 20.9
450

* first can and flow controller did not work properly

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SV-109 Dup
Sampling Personnel:	HA, TWK
Project Manager:	G.F.
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	
O_2:	Before ~~After~~ 20
CO_2:	>10,000
Flow rate:	200 ml/min
Cannister I.D.:	360
Controller I.D.:	(TWK) ~~354~~ 230
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	4'
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1237
Initial Vacuum:	-30
Sampling End Time:	1255
Final Vaccum:	-3

Sample Location Sketch



Notes:

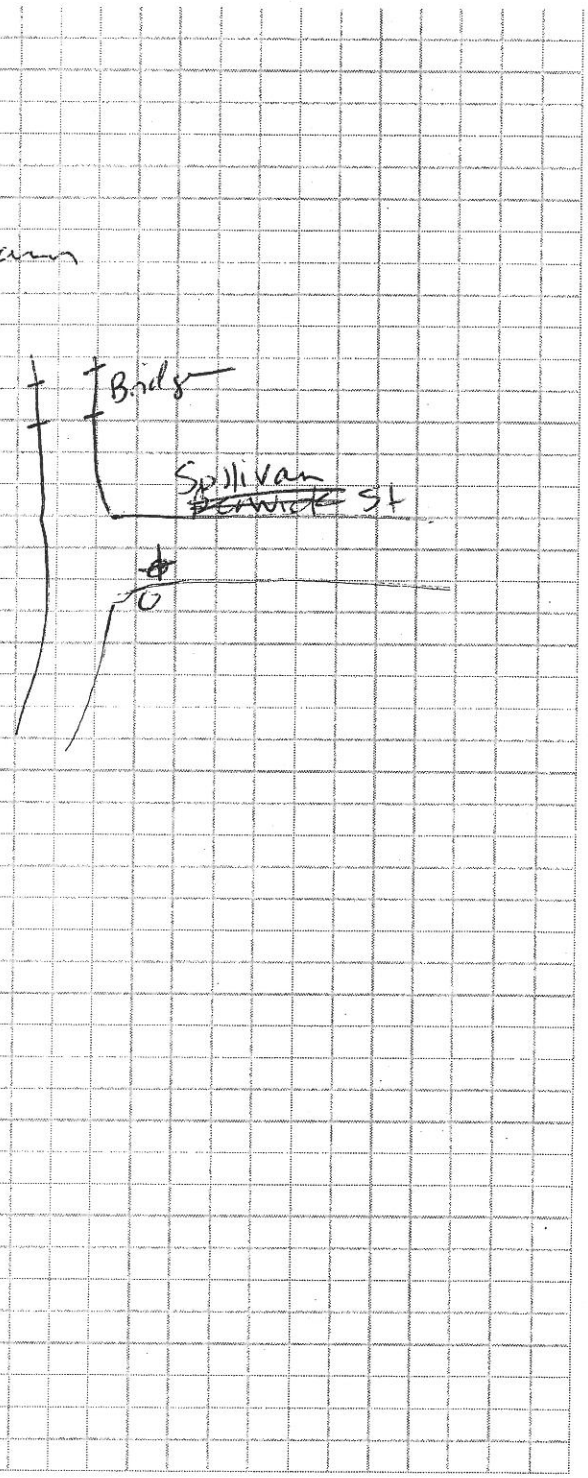
Ambient 20.9
CO_2 450

* a splitter was not included w/ the canisters, so two successive samples were collected from the same location

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	SV-108
Sampling Personnel:	HA, TUK, Brian Bateumann
Project Manager:	GF
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	19.3
CO_2:	>10,000
Flow rate:	200 mL/min
Cannister I.D.:	549
Controller I.D.:	0293
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	34"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1328
Initial Vacuum:	-29
Sampling End Time:	1339
Final Vaccum:	-2

Sample Location Sketch

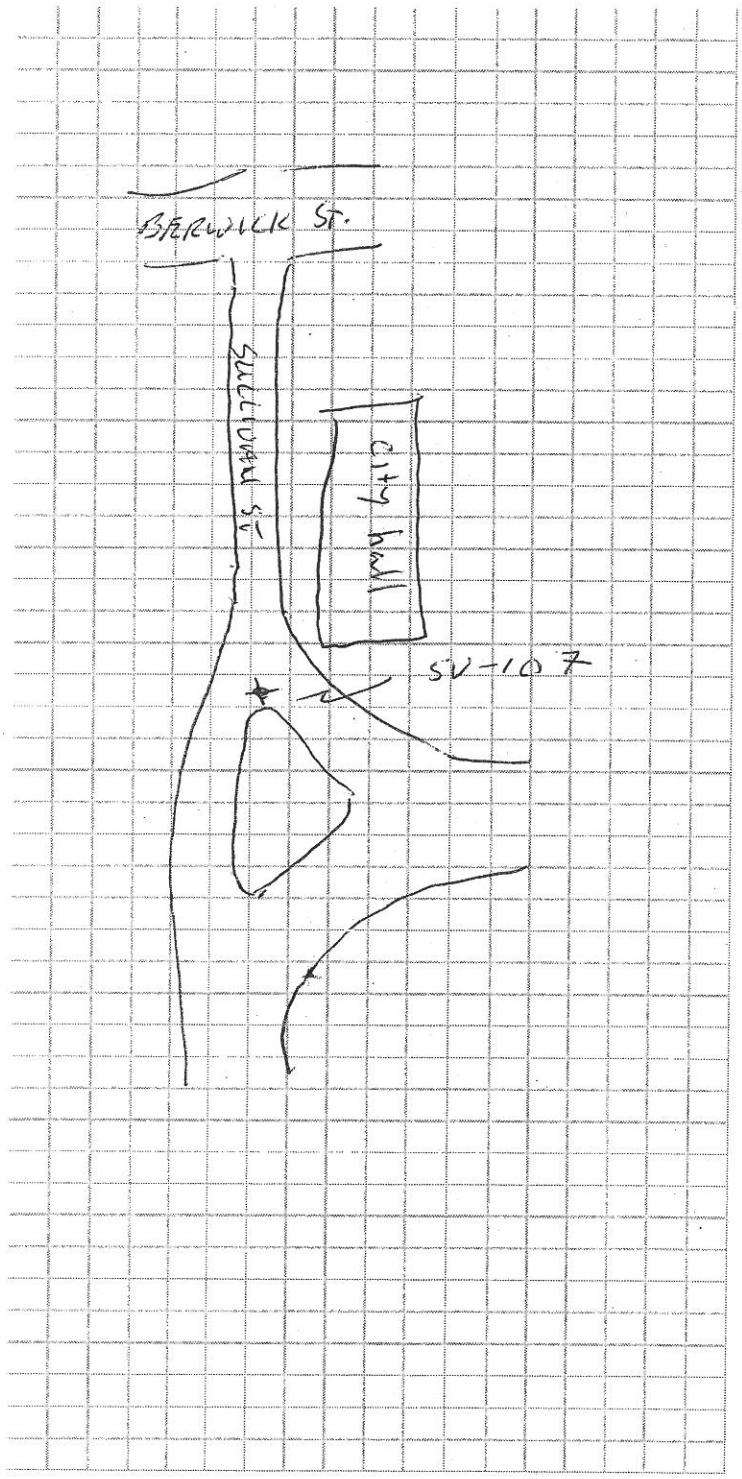


Notes:
Ambient 20.9
CO_2 500

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11/10/10
Sample I.D.:	SV-107
Sampling Personnel:	Andelsde / Bachmann
Project Manager:	Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.9 / 19.7
CO_2:	450 / >10K
Flow rate:	200 ml/min
Cannister I.D.:	174
Controller I.D.:	0373
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	30"
Depth to Water:	>30"
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1355
Initial Vacuum:	-28
Sampling End Time:	1406
Final Vaccum:	-3.5

Sample Location Sketch



Notes:

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11/10/10
Sample I.D.:	SSV-208
Sampling Personnel:	Andolsek
Project Manager:	Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.9/20.9
CO_2:	1000/900
Flow rate:	200 ml/min
Cannister I.D.:	172
Controller I.D.:	448
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	12"
Depth to Water:	>12"
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1423
Initial Vacuum:	-28
Sampling End Time:	1437
Final Vaccum:	-1

Sample Location Sketch

Notes:

Subslab - Town Hall

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	Basement Air - ~~Screen Printing~~ Embroidery Shop 8 Sullivan St.
Sampling Personnel:	TWK
Project Manager:	GF
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	N/A
CO_2:	N/A
Flow rate:	200 ml/min
Cannister I.D.:	1744
Controller I.D.:	0375
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil) N/A
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	Basement Air
Depth to Water:	Not standing water
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1451
Initial Vacuum:	7-30
Sampling End Time:	1512
Final Vaccum:	-1.5

Sample Location Sketch

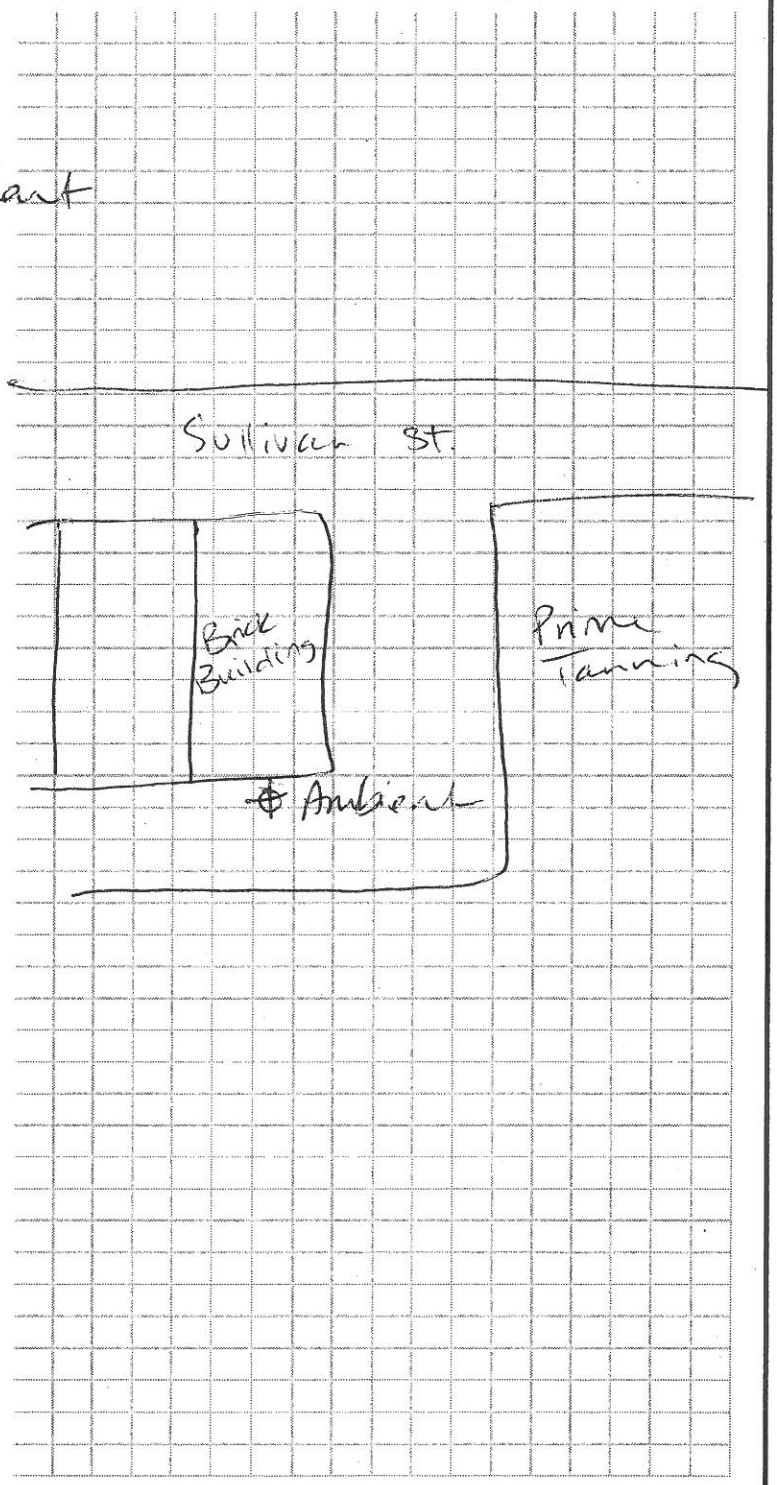
Basement is very wet and has standing water. Not able to collect a subslab sample so collected an indoor air sample instead

Notes:
- No silk screening, just embroidery
- oil for oiling

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-10
Sample I.D.:	~~SV-205~~ Ambient
Sampling Personnel:	TWK, HA.
Project Manager:	G.F.
Collection Device:	(Suma Canister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	~~20.9~~ TWK
CO_2:	~~1450~~ TWK
Flow rate:	200 ml/min
Cannister I.D.:	194
Controller I.D.:	0390
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	~~30"~~
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1505
Initial Vacuum:	>-30
Sampling End Time:	~~1505~~ 1523
Final Vaccum:	-3

Sample Location Sketch



Notes:

Ambient 20.9

450

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11/10/10
Sample I.D.:	SV-106
Sampling Personnel:	Andolsek/Bachman
Project Manager:	Fuller
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.9/20.9
CO_2:	450/2500
Flow rate:	200 ml/min
Cannister I.D.:	157
Controller I.D.:	283
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	20"
Depth to Water:	24"
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1525
Initial Vacuum:	-29
Sampling End Time:	15:41
Final Vaccum:	-3

Sample Location Sketch

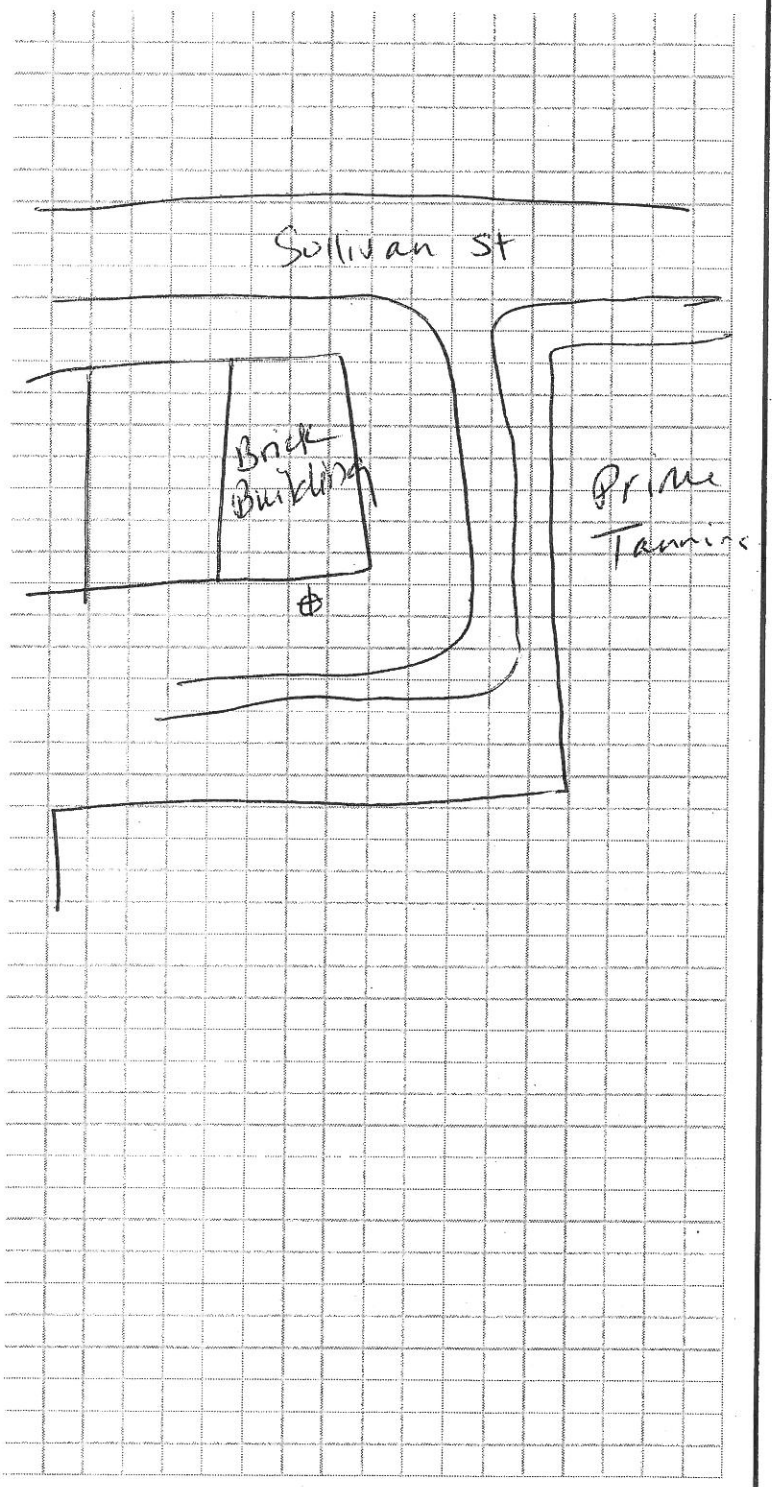
Notes:

In roadcut along Sullivan St, across from #21 (House)
(presumed utility cut)

Soil Gas Sampling Field Sheet
Maine DEP

Site Name:	Prime Tanning
Location:	Berwick
Date:	11-10-16
Sample I.D.:	SV-205
Sampling Personnel:	TWK
Project Manager:	GF
Collection Device:	(Suma Cannister) (Tedlar Bag) (Niosh Tube)
PID:	—
O_2:	20.9
CO_2:	1450
Flow rate:	200 ml/min
Cannister I.D.:	239
Controller I.D.:	0390 *
Sample Penetration Location:	(Ashphalt) (Concrete) (Soil)
Soil Type:	(Fill) (Till) (Sand & Gravel) (Glacial Marine)
Sample Depth:	30"
Depth to Water:	N/A
Suspected COCs:	(Petroleum) (Solvents)
Sampling Start Time:	1536
Initial Vacuum:	>-30
Sampling End Time:	1609
Final Vaccum:	-1

Sample Location Sketch



Notes:

* Flow controller #0390 was also used to collect the ambient sample. The ambient air was run through the flow controller first