

Corrective Action Plan

Morrisville, VT

Gristmill-Creamery

VTDEC SMS: 20114207
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Prepared for:

Lamoille County Planning Commission
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EXECUTIVE SUMMARY

Weston & Sampson Engineers, Inc. has been contracted by the Lamoille County Planning Commission (LCPC) to prepare a Corrective Action Plan (CAP) on behalf of Morrisville Water & Light (MW&L) Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as "Site"). The Site location is shown on **Figure 1** and photographs are presented in **Appendix A**. The redevelopment plan includes establishing a restaurant in the Gristmill Building, and a General Store in the Creamery Building. The property surrounding the buildings will potentially be used as a park accented by a cobblestone lane, historic street lanterns, benches, and a cast iron railing along the water's edge.

This CAP has been prepared to present corrective actions to facilitate redevelopment of the property with respect to the Recognized Environmental Conditions (RECs) that were identified in earlier phases of Site investigation work. Though this CAP focuses on contaminants that exceed cleanup criteria in the matrices shown below, it should be pointed out that there are contaminants present below cleanup criteria that are not highlighted in this CAP. Priority Pollutant 13 Metals and semi-volatile organic compounds were found at levels below cleanup criteria at the Site. Additionally, lead-based paint, asbestos, mold and animal waste associated with the Gristmill and Creamery Buildings are not addressed in this CAP. Considerations for soils impacted by lead, by lead-based paint are presented in this CAP for redevelopment consideration but will be under the jurisdiction of the Vermont Department of Health (VDH).

The contaminants that have been found to exceed cleanup criteria that will be addressed in this CAP are summarized below and in the Historical Reports of **Appendix B**:

Table i. Contaminants Detected in Various Matrices above Cleanup Criteria

Matrix	Contaminants in Excess of Cleanup Criteria	
	Contaminant Class	Contaminant Name
Soil	PCB*	Total PCBs, Aroclors (1016, 1242, 1248, 1254, 1260, 1262, 1268)
	Metals	Arsenic, Lead**
Flooring (Gristmill Building)	PCB	Total PCBs, Aroclors (1248, 1254, 1260, 1268)
Flooring (Creamery Building)	PCB	Total PCBs, Aroclors (1254, 1260)
	Metals	Arsenic, Lead

**PCB – Polychlorinated Biphenyl*

*** Lead in soil will be regulated under the VDH; however is listed in this CAP as a contaminant of concern to be addressed during redevelopment*

To address these contaminants the following corrective actions are recommended and further described in this CAP:

1. Soils Contaminated with PCBs – all contaminated soils in excess of cleanup criteria will be removed from the property with proper handling and disposal.
2. Flooring Contaminated with PCBs and Metals – all contaminated interior flooring in exceedance of cleanup criteria from both buildings will be removed, handled, transported and disposed in accordance with applicable local, state and federal guidelines.

The work associated with this CAP is tentatively scheduled for 2012. Questions pertaining to this CAP may be directed to the following individuals:

Table ii. Key Site Contact Information

Name	Organization	Phone Number
Craig Myotte (General Manager)	Morrisville Water & Light (Owner)	802-888-3348
Patricia Coppolino (Brownfields Program Coordinator)	VTDEC	802-479-7764
Dorrie Paar (EPA Project Manager)	EPA	617-918-1432

1.0 INTRODUCTION

Weston & Sampson Engineers, Inc., (Weston & Sampson) has been contracted by the Lamoille County Planning Commission (LCPC) on behalf of Morrisville Water & Light (MW&L) to prepare a combined Corrective Action Plan (CAP) at the Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as "Site") - see Site Locus Map (**Figure 1**) and Site Photographs (**Appendix A**). The Site Plan (**Figure 2**) depicts the location of Site Buildings and other landmarks which may be referenced in the report.

This CAP has been prepared to comply with the Vermont Department of Environmental Conservation (VTDEC) Sites Management Section (SMS) Investigation and Remediation of Contaminated Properties Procedure (IROCP).

This CAP was prepared to address the management practices, engineering controls and remediation related to the following substances that are determined to exhibit an unacceptable risk at the Site:

- Soils contaminated with PCBs.
- Flooring within the buildings contaminated with PCBs and metals.

After review of a Draft Self-Implementing Cleanup Plan Notification, Kim Tisa of the USEPA TSCA program stated in an email dated May 29, 2012:

"While the site owner indicates that transformers both < 50 ppm and > 50 ppm were stored at the site, there is no strong evidence to support that the > 50 ppm PCB transformers were the source of contamination at the site. I base this determination on not only the PCB concentration identified in the building materials and the soils, but also in the identified Aroclors.

Given this fact and that the current proposal includes removal and disposal of > 1 ppm PCB-contaminated building materials and soils, I believe it is reasonable to allow oversight of the work by VTDEC without additional TSCA approval requirements."

MW&L has owned this property since 1920. The 2 existing buildings on the Site are known as the Gristmill and Creamery Buildings. The Gristmill Building is situated along the Lamoille River with a portion of its foundation system incorporated into a large concrete dam. The Creamery Building is situated along A Street and has a garage attached to the western portion of the building. The foundation of a Former Garage is located in the northeast portion of the Site. This Site was developed as early as the 1800s and has had multiple uses over the years.

The redevelopment plan includes establishing a restaurant in the Gristmill Building and a General Store in the Creamery Building. The property surrounding the buildings will potentially be used as a park accented by a cobblestone lane, historic street lanterns, benches, and a cast iron railing along the water's edge. This CAP has been prepared with funding in-part from an EPA Brownfields Assessment Grant.

2.0 PREVIOUS INVESTIGATIONS

This CAP is a continuing phase of work related to this Brownfields assessment project. The following investigations have been prepared related to work at this Site:

- Report Regarding Sampling Performed at Riverside Storage Building and Vehicle Storage and Service Area, Evergreen Services & Consulting, Inc. (July 2001)
- Asbestos and Lead Based Paint Inspection, The Johnson Company, Inc. (July 2003)
- Limited Environmental Assessment, North Country Environmental Services, Inc. (May 2004)
- Phase I ESA Report, W&S (December 2010)
- Phase II ESA Report, W&S (November 2011)

Full copies are provided on CD in **Appendix B**.

3.0 SITE DESCRIPTION

3.1 Existing Property Characteristics

The Site is a 1.02 acre parcel located at 36 and 56 A Street in Morristown, Lamoille County, Vermont, within the downtown area of Morrisville. The Site is situated between A Street and the Lamoille River at the southwest end of the Village of Morrisville, an area of dense residential, retail, and commercial development. There are 2 existing buildings, the Gristmill and Creamery, and 1 former garage.

<u>Structures:</u>	<u>Approximate Area</u> (sq.ft.)
Gristmill Building	3,635
Creamery Building	4,135
Former Garage Building	660 (removed)

Source: Ruskey Knauf, 2003

The general property characteristics are provided in the following table:

Table iii. Property Characteristics

Owner:	Morrisville Water & Light Department
Site Name:	Gristmill-Creamery
Latitude / Longitude:	44° 33' 43" north / 72° 36' 4" west
Elevation:	655 feet +/- above sea level
Size:	1.02 acres
Town Parcel ID:	21023: 56 A Street and 36 A Street
Zoning:	Central Business District
Utilities:	Water: municipal available (not connected) Sewer: municipal available (not connected) Electricity: existing service to Gristmill Building and minimal service to Creamery Building Heating: none

3.2 Site Descriptions

3.2.1 Gristmill Building

The Gristmill Building is a 2-½ story building with the foundation attached to a concrete dam on the Lamoille River. The dam is regulated under the Federal Energy Regulatory Commission (FERC) and supports a hydroelectric generating station on the side opposite the Gristmill Building.

The exterior of the building is painted wood clapboard with a metal roof placed over several layers of asphalt shingles. Many of the window openings have been boarded over. All 3 floors have wood flooring. Below the 1st floor is an open crawl space that is accessed from the northwest corner of the building near the dam.

The floor plan on the interior is open, with a few partition walls on the 1st floor. The 2nd floor is open and the 3rd floor is an open attic space. The 1st floor has interior wood on the walls that is painted. The 2nd and 3rd floor interior walls are not painted and have no interior construction.

The building is primarily empty with the exception of some storage of a small amount of office-related materials including shelving units. There is no heat or water supply at the building. There is limited electrical wiring for lights. The building is not insulated with the exception of some remaining asbestos cloth insulation on the 1st floor.

3.2.2 Creamery Building

The Creamery Building is a 3-½ story building with a stone foundation that is stepped following the slope from A Street. The building foundation along A Street is in poor condition and the north exterior wall of the building is leaning towards the river. The building is wooden with painted clapboard siding and a metal roof. The 3rd floor is finished with painted wood on the interior and paper insulation. A brick chimney runs through the building from the 1st floor.

The 1st floor basement is below ground facing A Street and at ground level with a walk-out door facing north towards the river. The foundation at the front of the building is stone that has been buttressed and acts as a retaining wall for A Street. The floor is full height in the northern side and transitions to a crawl space to the south towards A Street. The floor surface is concrete with no observed floor drains. This area is currently used for miscellaneous storage. At the same ground elevation, a single story garage structure is attached to the western side of the building.

The 2nd floor of the building is above grade along the north, east and west sides and below grade along the southern end near A Street. The southern and eastern wall of the building is formed by a stone foundation, while the remaining walls are wood construction with horizontal, painted, wood lath. Several old fire hydrants are stored here by MW&L, as well as pipe sections, valves and appurtenances used as needed for repairs to the municipal water system.

The 3rd floor of the building is accessible from A Street via a sliding wooden door. All walls of this level are above grade. The interior is open with unpainted horizontal wood lath. Some staining was observed in several areas of the floor. The 3rd floor also has a dark coating of some type over the entire floor surface, whereas the other floors were bare wood or concrete (1st floor).

The 4th floor of the building is an attic space. The roof is deteriorated and a stain on the floor appears to be from a leak in the roof. The floor of the attic has had issues with accumulated bat and/or bird droppings. Some paper insulation was observed on the walls.

3.2.3 Former Garage Building

The Former Garage Building remains are located at the northeastern end of the Site adjacent to the bank of the Lamoille River. It was a single story building with a double door on the southwest side and shingle roof that was demolished in 2007 due to trespassing concerns. All that remains is a concrete foundation with an interior dirt/gravel floor. The building had no heat, water supply or wastewater disposal, and only limited electrical wiring for lights.

3.2.4 Exterior Grounds

A gravel driveway heads north from A Street and travels northeast between the Gristmill and Creamery buildings. The area between these 2 buildings and up to the Former Garage is dirt and worn in a pattern indicating parking in front of the buildings and occasionally vehicular traffic. This Site is not used for vehicle storage by MW&L and no surface staining was observed on the grounds outside of the buildings. There is a vegetated area against the Lamoille River and on the steep slope to the east of the Creamery Building. According to the 1946 Sanborn Map, this slope is the area where a General Store was located. Though the area is now vegetated, evidence of an historic foundation and piles of brick were observed. There is a foot trail near the northeast corner of the Site,

indicating occasional pedestrian use. Public access to the Site is not restricted with the exception of the buildings being locked. An old stone wall is located to the southeast of this area at the top of the slope and adjacent to the sidewalk along A Street.

3.3 Environmental Setting

This section presents a description of the environmental setting pertaining to the Site and local features including topography, surface water, geology, groundwater, and a conceptual model for Site contamination.

3.3.1 Site Setting and Topography

The Site has an approximate elevation of 655 feet and the topography in the area generally slopes down toward the north to the Lamoille River. The edge of the Lamoille River forms the property line on the northern portion of the Site. The Site Locus Map (See **Figure 1**) depicts the Site and surrounding topography as based on a United States Geological Survey map.

3.3.2 Surface Water Characteristics

Overland flow off the Site discharges to the Lamoille River via sheet flow or via culverts located under the gravel drive separating the 2 on-Site buildings. It was observed during the Phase II field work that a heavy rain event produced surface water and a sanitary overflow from an on-Site sewer manhole. The overland flow migrated west and south and submerged the monitoring wells SB-102 (MW), SB-103 (MW) and SB-105 (MW).

3.3.3 Soil and Bedrock Characteristics

In general, the Phase II subsurface investigation identified a thin layer of topsoil underlain by a predominantly medium to coarse sand with varying amounts of sub-rounded and sub-angular gravel. Intermittent thin lenses of very fine sand and silt were observed in almost all of the soil borings. Evidence of fill was encountered beyond 2 to 3 feet below ground surface (bgs) in the area immediately surrounding SB-104 (MW). Bedrock was encountered throughout the Site at depths ranging from approximately 4 to 12 feet bgs.

According to the Surficial Geologic Map of Vermont (Doll, 1970), the soils underlying the Site are designated as a beach gravel deposit with contact at the Lamoille River and extending to the east/northeast. According to the Geologic Map of Vermont (Doll 1961), the bedrock in vicinity of the Site transitions from west to east with the Hazens Notch formation (Ch to Chm) and the Ottauquechee formation (Co).

3.3.4 Groundwater Characteristics

Based on the groundwater elevations obtained during the Phase II ESA the overburden groundwater flow is predominately from southeast to northwest towards the Lamoille River. The overburden groundwater gradient most likely follows the top-of-bedrock elevation and discharges along the bank of the Lamoille River. Fluctuation in groundwater elevation likely occurs relatively fast with rain fall events as noted based on moist and wet soils observed in soil borings SB-105 (MW) and SB-106 (MW) but no groundwater recharge in the completed wells during the Phase II ESA.

4.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) will include discussions of contaminated soil and building materials that were identified during previous phases of work that pose risk and thereby require attention under this CAP. Cross-sections are not an integral tool in understanding the extent, fate or transport of contamination found during the Phase II ESA and therefore are not included as part of the CSM. The following cleanup criteria have been used to direct corrective action requirements at this Site:

Table iv. Cleanup Criteria.

Martrix	contaminant name	cleanup criteria	value	unit
Soil	Total PCBs (sum of all aroclors)	VDH	0.12	mg/kg
Building Materials	Total PCBs (sum of all aroclors)	TSCA	1.0	mg/kg
Building Materials	arsenic	RSL	0.39	mg/kg
Building Materials	lead	RSL	400	mg/kg

Cleanup Criteria:

VDH - Vermont Department of Health, IROCPP, April 15, 2012
RSL - EPA Residential Regional Screening Level (May. 2012).
TSCA - EPA Toxic Substances Control Act (PCB Cleanup Criteria)

4.1 Distribution of PCB Contamination

PCBs are known to be present in the soils and building materials at the Site. PCB soil contamination was detected in the crawl space of the Gristmill Building, along the exterior southern side of the Gristmill Building, and at the Former Garage Building. PCBs in building materials were detected in both the Gristmill and Creamery buildings. A variety of PCB aroclors were detected at the Site that include: 1016, 1242, 1248, 1254, 1260 1262 and 1268.

The only known historical source of PCBs at the Site is from electrical transformers. The current owner, MW&L, has owned the property since 1920. No other suspected sources of PCBs have been noted.

4.2 Soil Contamination

Based on the data obtained during the previous phases of work, there are select areas on Site that contain contaminant concentrations in soil that exceed the cleanup criteria. The distribution and extent of soil contamination at these select areas is shown on **Figures 2-4** and described below.

4.2.1 PCBs in Soils

During the Phase II ESA, soil samples were collected from the crawl space underneath the Gristmill Building. All of the crawl space soil samples were collected from 0 to 6 inches bgs with the use of a hand auger. The conditions in the crawl space did not allow for sample collection to occur at every location on the designated sampling grid (i.e. standing water and exposed bedrock); therefore the PCB soil sample locations were spatially distributed throughout the overall area with adequate soil coverage. The soil sample locations in relation to the obstructive features in the crawl space can be seen on **Figure 3**.

Gristmill Building Crawl Space Soils: Total PCB concentrations that exceed the VDH cleanup standard of 0.12 mg/kg were observed in 5 of the 11 soil samples collected from the crawl space under the Gristmill Building. Tabulated results for PCBs in soil can be seen in the Phase II ESA in **Appendix B**.

Gristmill Building Exterior Perimeter Soils: Due to the known past storage of transformers on the 1st floor of the Gristmill Building and that those transformers would be unloaded and carried in and out at the south loading dock, Weston & Sampson collected soil samples along the south side of the Gristmill Building for PCB analysis during the Phase II ESA. Twenty (20) hand auger soil samples were collected from a 10 foot sampling grid. The first row of samples were collected within 2 feet of the south edge of the building and the outer row at an additional 10 feet. Within each boring, discrete samples were collected from 0 to 6 inches and from 1 to 2 feet bgs. The intent of the 1 to 2 foot sample was to potentially provide a bottom extent of PCB contamination that might be observed in the 0 to 6 inch interval. In 5 of the 10 hand auger borings refusal was encountered <2 feet bgs; the shallow refusal depths ranged from 1.2 to 1.9 feet bgs. Where refusal was encountered <2 feet bgs, the bottom sample was collected from 1 foot to the refusal depth (i.e. 1 to 1.6 feet). Based on shallow refusal in the nearby SB-101 and close proximity to the building foundation that was built on bedrock (as observed in the crawl space) it is likely that refusal was encountered on bedrock.

The PCB soil analytical results for the Gristmill Building hand auger investigation are summarized and presented in the Phase II ESA in **Appendix B**. Total PCB concentrations that exceed the VDH cleanup standard of 0.12 mg/kg were observed in 3 of the 21 samples collected.

Former Garage Building Soils: During the Phase II ESA, 2 PCB aroclors were detected that exceed the VDH cleanup standard of 0.12 mg/kg. The surficial soil sample SB-110 (0 to 0.5 feet) reported a total PCB concentration of 0.25 mg/kg and SB-109 had a total PCB concentration of 0.17 mg/kg. The previous North Country Environmental Services Report indicated PCB concentrations as high as 2.7 mg/kg in the top 1 foot of soil in the Former Garage Building.

4.2.2 Lead in Soils

Elevated concentrations of lead in soil appear to be related to lead-based paint.

Gristmill Building Soils: Nine (9) composite lead soil samples were collected around the Gristmill Building. The concentration of lead in the soil samples ranged from <18 to 62 mg/kg; all concentrations were below the RSL of 400 mg/kg.

Creamery Building Soils: Twelve (12) composite lead soil samples were collected from around the Creamery Building. The concentration of lead in the soil samples ranged from <17 to 1,077 mg/kg; with 6 out of the 12 samples exceeding the RSL of 400 mg/kg. The data indicated that the lead concentrations are generally higher closer to the building. Since the lead contamination appears to be from lead-based paint, it is anticipated that soil contamination will be limited to the top layer of soil.

4.2.3 Arsenic in Soils

Twenty (20) soil samples (including QA/QC duplicates) were analyzed for PPL 13 metals. The concentration of arsenic ranged from non-detect to 14.0 mg/kg. All but 2 of the samples exceeded the RSL of 0.39 mg/kg and the average arsenic concentration is 7.7 mg/kg with a standard deviation of 2.5 mg/kg. The arsenic concentrations do not appear to vary significantly at different soil sample locations and depths. Based on the levels of arsenic that are consistent with soils found in Vermont,

and that no source for the arsenic was identified during the previous studies, no remediation of soils with respect to arsenic is proposed under this CAP.

4.2.4 TPH in Soils

Soil contaminated with TPH was found to be present in the area of the Former Garage Building. Two (2) soil samples from the soil within the Former Garage area detected TPH concentrations of 900 and 1,500 mg/kg. The source of contamination may be related to vehicle storage and/or petroleum products that may have been used in the building.

4.3 Building Material Contamination

Based on the data obtained during the previous phases of work, there are select areas on Site that contain contaminant concentrations in building material that exceed cleanup criteria. The distribution and extent of building material contamination is shown on **Figure 2 - 4** and described below:

4.3.1 PCBs in Building Materials

Gristmill Building: During the Phase II ESA, a total of 11 wood samples per floor were collected from the Gristmill Building. Based on the building dimensions (38 by 35 feet) and existing features inside the building (i.e., shelving units, stacked boxes, work tables), a sampling grid was established to spatially distribute a representative number of sample locations. As seen on **Figure 3**, 9 samples were collected from designated grid points and 2 samples were collected from areas of observed staining from each floor, if no obvious staining was observed then high traffic areas were selected.

Total PCB concentrations were detected at or above the TSCA limit in 8 of the floor samples collected from the 1st floor. Complete Gristmill Building PCB floor sampling results are provided in the Phase II ESA in **Appendix B** of this report. The total PCB concentrations in wood core samples collected from the 1st floor ranged from 0.48 mg/kg (in sample GBLD-55 located at the loading dock) to 21 mg/kg in sample GB2-48 (located almost exactly in the center of the floor plan). The floor samples collected from the 1st floor with total PCB concentrations above 1 mg/kg are mostly confined to one half of the sampling grid; although one sample with a total PCB concentration equal to 1 mg/kg (GB2-46) is located in the northern most room of the 1st floor (See **Figure 3**).

Because of historical PCB detections and that remedial measures would likely include removal of the flooring of the 1st floor, wood core samples were collected from the 1st floor sub-floor support joists. A total of eleven support joist samples were collected based on roughly the same sampling grid and the same sample collection method as used for the floor sampling; however, it was not physically possible to access some of the joist locations on the designated floor grid, therefore the floor joist sample locations were spatially distributed throughout the area that was reasonably accessible. **Figure 3** shows the layout of the sub-floor support joists and the associated wood sample locations. No concentrations of PCBs above reporting limits were found in any of the floor joist samples.

To confirm that PCBs in the first floor floor surfaces of the Gristmill Building had not spread to the first floor walls, Weston & Sampson collected a total of 32 PCB wall samples from the first floor of the Gristmill Building. The wall samples were collected at projected points from the established floor sampling grid and consisted of 6 samples per perimeter wall with 3 samples at three feet 3 feet above the floor and 3 samples at 6 feet above the floor. An additional 6 wall samples were collected at locations determined in the field based on staining. **Figure 4** shows the PCB wall sample locations on a plan view of the Gristmill Building first floor with the sampling grid layout, the sample nomenclature designates what the location and height at which the sample was collected from. For example GB2W-62 (6') indicates that the sample is a wall sample collected 6 feet above the floor surface. The wall

samples predominantly consisted of wood cores however some of the grid locations were located on sheetrock. The sample collection method was identical to the floor sample collection method described above. No PCBs were detected in the wall samples above the reporting limits.

PCBs were not detected above the reporting limits for any wood flooring samples collected on the 2nd or 3rd floor (attic space) with the exception of a detection of PCB Aroclor-1260 at a concentration of 0.26 mg/kg at location GB3-34. This detection was in the middle of the 2nd floor and below the TSCA limit of 1.0 mg/kg.

Creamery Building: A total of 32 PCB floor samples were collected from the Creamery Building during the Phase II ESA. Of the 32 samples, only 2 samples detected total PCB concentrations above the TSCA limit. The total PCB concentrations were comprised of a single aroclor (Aroclor-1254) that was detected in a concrete floor sample at the north entrance to the 1st floor (CB1-102) at 1.0 mg/kg and in a wood floor sample at the southwestern quadrant of the 2nd floor (CB2-13) at 1.7 mg/kg (see **Figure 4**).

The only other PCB detection was Aroclor-1260 at a concentration of 0.76 mg/kg in sample CBG-104 and at 0.16 mg/kg in sample CBG-108; both of these were concrete samples collected in the attached garage. The PCB results for all of the samples collected in the Creamery Building are summarized in the Phase II ESA in **Appendix B** of this report.

4.3.2 Lead in Building Materials (non-lead based paint)

During the Phase II ESA, lead was detected by XRF field screening in wood flooring on the 1st floor of the Gristmill Building and from the 2nd and 3rd floors of the Creamery Building. The samples were collected from bare wood floors and therefore are not considered as lead-based paint impacts. Laboratory data detected 1 sample of wood flooring on the 3rd floor of the Creamery Building (CB3-12) where staining was noted that had lead concentrations at 2,700 mg/kg. All other confirmatory samples had lead concentrations detected ranging from 7.8 to 120 mg/kg. The lead results for all of the samples collected are summarized in the Phase II ESA in **Appendix B** of this report. All other building materials associated with LBP will be regulated by the VDH.

4.3.3 Arsenic in Building Materials

During the Phase II ESA, arsenic was detected by XRF field screening in each floor of the Gristmill and Creamery buildings. Laboratory data for the Gristmill Building floor samples did not detect arsenic in any of the samples above the reporting limit. Laboratory data for the Creamery Building detected arsenic in 2 floor samples on the 3rd floor at 2.1 and 4.0 mg/kg and in 1 floor sample on the 4th floor (attic) at 26.0 mg/kg. The source may be related to a variety of reasons such as: pest/rodent poison which has been reported to have been used at the Site; pressure-treated lumber; and/or soils from outside the building that contain arsenic that were tracked into the buildings.

4.3.4 Mercury in Building Materials

During the Phase II ESA, laboratory data detected the presence of mercury in 2 floor samples at the following concentrations 0.16 mg/kg at CB3-8 and 0.45 mg/kg at CB3-12.

4.4 Risk Evaluation

The following section provides a general outline of potential risks associated with the presence of the contamination outlined above. Currently, the source of the environmental risk is limited to the known contamination in the soils and building floors. Potential pathways for these sources to reach potential

receptors include inhalation, ingestion, puncture and dermal contact. A discussion of several of the most likely potential receptors, with potential risk and protective measures is provided below.

4.4.1 Trespassers

The most likely pathway for a trespasser is dermal contact. The Creamery and Gristmill Buildings are both currently locked and monitored by MW&L. However, the remainder of the Site, including the crawl space beneath the Gristmill Building, is not protected with any physical barrier. The implementation of this CAP should effectively reduce this risk by removing the source, i.e. contaminants from the Site soils.

4.4.2 Construction Worker

Every potential pathway is possible for the on-Site environmental contractor and engineer performing and observing remediation work during the implementation of this CAP. Personal protective equipment (PPE) will be used when necessary to reduce exposures to work/Site hazards. PPE is used when engineering and/or work practice controls cannot eliminate or minimize the hazard to an acceptable safe level. The PPE applicable to this project will likely be Levels C & D.

4.4.3 Site Occupant

Currently there are no Site occupants. The goal of this CAP is to effectively minimize and/or eliminate the level of risk from the environmental contaminants listed above for the future Site occupants. This will be accomplished by removing from the Site all known sources of uncontrolled regulated releases of contaminants that are known to exceed cleanup criteria.

5.0 ANALYSIS OF CORRECTIVE ACTION ALTERNATIVES

Weston & Sampson evaluated corrective action alternatives based on the following factors: effectiveness with Site contaminants and subsurface conditions, implementability, protection of human health and environment, and cost. Technologies found to be implementable, proven, accepted in the industry, cost effective, and protective of human health, safety, public welfare, and the environment were retained for detailed evaluation.

Based on the data obtained during the previous phases of work, discussions with the VTDEC and the Site Owner, the following analysis of corrective action alternatives described in this section are evaluated to address contaminants that have been found to exceed each applicable cleanup criteria. The alternatives evaluated are described in the following sections and in **Appendix C**.

Table vi. Summary of Corrective Action Alternatives

Appendix	matrix / contaminant	corrective action alternatives
C-1	Soils / Contaminated with PCBs and Metals	1. No Action 2. Restrict Site Access 3. Removal and Disposal 4. Capping
C-2	Flooring / Contaminated with PCBs and Metals	1. No Action 2. Restrict Building Access 3. Cover Floor 4. Plane Existing Floor Surface 5. Removal and Disposal

5.1 Soils Contaminated with PCBs

Soils with PCBs contamination above RSLs, agency guidelines and TSCA cleanup criteria are present at the Site as follows:

- **Gristmill Building:** Soils contaminated with PCBs in the crawl space under the Gristmill Building and soil near the entrance on the south side of the building.
- **Former Garage Building:** Soils contaminated PCBs within and around the Former Garage Building footprint.

5.1.1 No Action

Since soil is contaminated with PCBs, metals, and TPH above the cleanup criteria, taking No Action is not an acceptable option.

5.1.2 Restrict Site Access

Restricting Site access with a fence may be an acceptable alternative for the VTDEC and TSCA; however, fencing the Site does not fit with future redevelopment plans so this option was not kept for detailed evaluation.

5.1.3 Capping

Capping of soils is feasible for contaminated soils left in place that are above cleanup criteria. Capping is not desired at the Site because soil contamination is known to be in isolated locations which can be removed. Methods of capping that apply to this Site would potentially include the use of pavement in parking areas, concrete for sidewalks, and soil in green space. A notice to land records with prescriptive activity and use limitations would be required if capping contaminated soils was chosen. Capping the Site does not fit with future redevelopment plans so this option was not kept for detailed evaluation.

5.1.4 Removal and Disposal

Soil contamination at the Site appears to be isolated to a few discrete locations within the upper soil horizon. The soils removed will likely be disposed at one of the state-certified lined landfills (see **Section 6.3**). The option of removing all contaminated soils at the Site ties in well with the future redevelopment plans because the property may include a public park. Removing all known contaminants from the Site will serve to mitigate risk associated with the soil contamination.

5.2 Flooring Contaminated with PCBs and Metals

Gristmill Building: Contaminants detected in the flooring are detailed in the historical reports of **Appendix B**.

- | | |
|-----------------------|---|
| 1 st Floor | - Joists in the 1 st level had no laboratory results indicating contamination in the joists above any cleanup criteria.
- PCBs are present in the floor boards exceeding TSCA cleanup criteria. |
| 2 nd Floor | - The 2 nd floor had no laboratory results indicating contamination in the floor boards above any cleanup criteria. |
| 3 rd Floor | - The 3 rd floor (attic) had no laboratory results indicating contamination in the floor boards above any cleanup criteria. |

Creamery Building: Contaminants detected in the flooring are detailed in the historical reports of **Appendix B**.

- | | |
|-----------------------|---|
| 1 st Floor | - PCBs are present in the concrete floor exceeding TSCA cleanup criteria. |
| 2 nd Floor | - PCBs are present in the floor boards exceeding TSCA cleanup criteria. |
| 3 rd Floor | - Lead and arsenic are present in the floor boards. |
| 4 th Floor | - Arsenic is present in the floor boards. |

5.2.1 No Action

Since selected areas of flooring in both buildings are contaminated with various constituents above cleanup criteria, taking No Action is not an acceptable option in accordance with the VTDEC and TSCA cleanup criteria. Therefore, there is no further consideration of this option.

5.2.2 Restrict Building Access

Restricting building access may be a temporary solution that is acceptable to the VTDEC and TSCA; however, it does not match the future Site redevelopment plans and has not been kept for detailed analysis.

5.2.3 Cover Floor

Covering the existing floors involve no treatment or removal of the contaminated flooring materials. This method is not advised since the buildings are to be reused with public access as a potential restaurant and retail space. Additionally, due to the cap construction requirements required by TSCA, it is unlikely that construction would be feasible. Any further consideration of this option would require discussions with the VTDEC and TSCA; however, at this time has not been kept for detailed analysis.

5.2.4 Plane Existing Floor Surface

Planing the existing floors of the buildings involves mechanically removing a top surface of the flooring material in an attempt to remove the contamination. Planing does not guarantee that all of the contaminants would be removed in the first attempt and additional testing would be required. Furthermore, the structural integrity of the wood flooring may be compromised if excessive planing is required. Portions of the floor will need to be removed regardless of planing because of the poor condition of the flooring. Therefore, there is no further consideration of this option.

5.2.5 Removal and Disposal

Gristmill Building: Removal and disposal of the contaminated flooring on the 1st floor (ground level) is feasible and will mitigate risk associated with exposure to the contaminants because flooring will be permanently removed from the building. This option is consistent with the intended redevelopment of this building as a restaurant.

Creamery Building: Removal and disposal of the contaminated flooring on portions of the 1st floor (concrete) north doorway, 2nd floor (wood) western side and 3rd floor is feasible and will mitigate risk associated with exposure to the contaminants because flooring will be permanently removed from the Site. This option is consistent with the intended redevelopment of the building as a retail space. There are also structural concerns regarding the integrity of the building and foundation system; therefore to implement the floor removal, additional shoring will be required.

6.0 SELECTED CORRECTIVE ACTIONS AND COSTS

This section presents the proposed corrective actions to be implemented at the Site to provide a means of managing exposure pathways for contaminants that exceed cleanup criteria in the various matrices affected. These proposed corrective actions are summarized in the table below and described in the following section. Estimated costs related to the implementation of these corrective actions are presented in **Appendix D**.

Table vii. Summary of Corrective Actions

matrix / contaminant	selected corrective action alternatives
Soils / Contaminated with PCBs and Metals	Soil Removal and Disposal
Flooring / Contaminated with PCBs and Metals	Flooring Removal and Disposal

6.1 Soil Removal

Contaminated soils at the Site are primarily in discrete locations which are feasible to remove. Costs associated with soil removal are presented in **Appendix D**. The areas to be excavated and removed from the Site are depicted in **Figures 2-4** and are described below.

All work involving earth disturbance shall be overseen by a qualified environmental professional. All handling of soil shall be as required in Specification Section 02282 – Handling, Transportation and Off-Site Disposal of Excavated Material (**Appendix E**). Soil removal shall be conducted by a HAZWOPER-trained environmental contractor. VTDEC and the TSCA program shall be notified prior to any disturbance or removal of soil from this Site.

6.1.1 Gristmill Building

Soil near the entrance to the Gristmill Building and soil in the crawl space of the Gristmill Building shall be removed as depicted in **Figure 3**.

Exterior Perimeter Soils: Along the exterior of the Gristmill Building the top 2 feet of soil in an area of approximately 200 square feet (SF) soil shall be excavated and disposed of as outlined in **Section 6.3** (~15 yd³ and 23 tons). PCB post-remediation samples shall be collected on the bottom and side walls of the excavation.

Crawl Space Soils: It is intended that the soil and debris in the crawl space area shall be removed down to bedrock; assuming an average depth to bedrock is 0.5 feet in the crawl space area which results in an area of ~820 SF (~15 yd³ and 23 tons). Soils will be removed from the crawl space using hand tools and a vactor truck. The bedrock surface and concrete foundation within the crawl space will be cleaned using pressurized water. All of the water used for pressure cleaning shall be removed using the vactor truck or drum vac system. All water removed from the Site shall be treated and disposed of at an acceptable off-Site disposal facility. No post-remediation sampling is planned in the crawl space area since it is intended that all of the soils will be removed to the surface of bedrock.

Removal of contaminated soil in and around the Gristmill Building shall be performed following the guidelines in Specification Section 02090 – Abatement of PCB Containing Materials and Specification Section 02282 – Handling, Transportation, and Off-Site Disposal of Excavated Material (**Appendix E**). Refer to **Section 7** for additional PCB soil sampling requirements.

6.1.2 Creamery Building

Lead emanating from lead-based paint is the main contaminant in the soils surrounding the Creamery Building. Any work done to mitigate the impacts from the lead in soil contamination should be done in accordance with VDH regulations.

6.1.3 Former Garage Building

Within the former building footprint soils will be removed to a depth of 2 feet and surrounding the footprint to a depth of 1 foot resulting in a surface area of ~1,590 SF (~125 yd³ and 83 tons) as depicted in **Figure 2**. The soils will be disposed of as outlined in **Section 6.3**. PCB and TPH post-remediation samples shall be collected in accordance with PCB requirements described in **Section 7.1**.

Removal of contaminated soil in and around the Former Garage shall be performed following the guidelines in Specification Section 02090 – Abatement of PCB Containing Materials and Section 02282 – Handling, Transportation, and Off-Site Disposal of Excavated Material (**Appendix E**). Refer to **Section 7** for additional PCB soil sampling requirements.

6.2 Flooring Removal

Weston & Sampson personnel performed a walk-thru of the 2 buildings for the purpose of evaluating the impacts to the floor systems during the remediation phase. A team of 3 Weston & Sampson engineers were on Site, including one Vermont-licensed structural professional engineer, accompanied by parties representing Morrisville Water & Light, the developer and his prospective construction company. Prior to the walk through, excerpts from a previously prepared report (Ruskey & Knauf Associates, 2003) were reviewed. Each basement space, floor level and the attic/loft was walked through, as well as the outside perimeter of each building.

6.2.1 Gristmill Building

The condition of the building is built from heavy timbers and as noted in the previously prepared report, *“there is some evidence of rot and fatigue but appears to be in good condition.....”* To safely replace the floor boards, we recommend that no more than an area of 100 SF (25' x 4') be removed at any one time, before replacement boards are re-installed.

Selected corrective actions include removal of contaminated floor boards as depicted in **Figure 3**. All shelving and debris on the 1st floor (ground level) shall be assumed to be contaminated with PCBs and shall be handled and disposed following TSCA cleanup criteria. No PCB contamination has been detected in the floor joists below the contaminated flooring, but as an added measure of safety to the Contractor and the future user, the Contractor shall install Tyvek[®] Commercialwrap[®] on top of the joist with a 1” overlap on each side immediately after removing contaminated flooring (**Figure 3**).

6.2.2 Creamery Building

The condition of the building is built from heavy timbers and as noted in the previously prepared report, *“It is apparent that the buildings foundation system is failing. The structural issues at the Creamery...should be analyzed...”* Our observations confirmed the assessment. The stone masonry foundation wall along the front of the building, adjacent to the roadway, is a rubble stone wall that has

been partially mortared. There is evidence that the wall has settled vertically and has been pushed into the building. Previous efforts to stabilize the foundation wall in the basement include a partial height concrete buttress the full width of the front wall. The 2nd floor framing is unstable, since the stone foundation has loose displaced stones. The result is distinct deflection of the 2nd floor at the front of the building.

To safely perform work within the building, the foundation wall should be braced and shored. The 2nd floor joists within an area of 10 feet from the front of the building should be shored with a cripple wall system in the basement. The means and methods for the shoring should be provided by the demolition contractor's structural engineer and submitted to the owner for review and approval before work commences to replace floor boards. To safely replace the floor boards, we recommend that no more than an area of 100 SF (25' x 4') be removed at any one time, before replacement boards are re-installed.

Selected corrective actions include removal of contaminated floor boards and removal of a portion of the concrete flooring as depicted in **Figure 4**.

Due to the detections of mercury in the 3rd floor board samples we recommend post remediation mercury vapor sampling. Although unlikely, it is possible that construction activities may agitate potentially undiscovered contaminated building materials causing a release of mercury vapor. Sampling shall follow the modified NIOSH Method 6009, for a 100 L sample at an approximate flow rate of 0.2 mL/min and a detection limit of 0.25 ug/m³.

6.2.3 General Conditions

The Vermont State Building Code is based on the 2006 International Building Code. Our recommendation for the redevelopment of the buildings should include a thorough building code review, specifically Chapter 34 which provides guidelines and control for the alteration, repair, addition and change of occupancy of existing structures. It is our opinion that both buildings will require, at a minimum, some structural modifications to meet today's building code standards. As noted above, the Creamery Building will require some significant repairs to the foundation wall and floor framing. There is a definite "bow" to the back wall that based on our observations may have occurred some time ago, as evidenced by the installation of steel tie-rods. A thorough review of the roof framing system will be needed as well.

The cost of flooring removal is presented in **Appendix D**.

6.3 Disposal of Contaminated Materials

The cost of disposal of contaminated material is based on an estimated volume of contaminated material to be removed from the Site. Costs associated with the transportation and disposal of contaminated materials are outlined in **Appendix D**. The estimated cost of disposal assumes that the existing material characterization is adequate and the materials are accepted as non-hazardous to a state-certified lined landfill. Analytical testing required by the disposal facilities to meet acceptance criteria will be the responsibility of the contractor. Since the Site is located within the jurisdiction of the Lamoille Regional Solid Waste Management District there may be a \$14 district fee per ton associated with the waste produced at the Site.

All relevant data collected from environmental investigations at this Site shall be furnished to the disposal facility for their review to evaluate if the data is sufficient to meet the facilities acceptance criteria. Potential disposal facilities based on waste classification are presented below

Table viii. Disposal of CAP Generated Wastes

Contaminant	Disposal Options		
	State Landfill (Example Facility: Interstate Waste Services, Moretown, VT)	Hazardous Waste Landfill (Example Facility: Chemical Waste Management, Model City, NY)	Horizon Environment Inc., (Disposal Facility in Grandes-Piles, Quebec, Canada)
PCBs	< 50 ppm	≥ 50 ppm	Not Accepted
TCLP Lead	< 5 mg/L	≥ 5 mg/L	≥ 5 mg/L
TPH	< 50,000 ppm	≥ 50,000 ppm	≥ 50,000 ppm

Note: This table represents a guideline of disposal options and does not represent final acceptance criteria for any disposal facility.

6.4 Abandoning Water Wells

Monitoring wells at the Site shall be decommissioned in accordance with VTDEC requirements and as shown on **Figure 2**.

6.5 Remediation Specifications

The following technical specifications are included in **Appendix E** to facilitate Site restoration activities:

- Section 01570 – Environmental Protection
- Section 01330 – Submittals
- Section 01380 – Health and Safety Plan
- Section 02090 – Abatement of PCB Containing Material
- Section 02220 – Demolition
- Section 02282 – Handling, Transportation and Off-Site Disposal of Excavated Material
- Section 02315 – Excavation, Borrow and Backfill
- Section 02920 – Loaming and Seeding

7.0 OTHER CONSIDERATIONS

7.1 Post-Remediation PCB Sampling Requirements

Following completion of the initial soil excavation, post-excavation samples will be collected in accordance with a modified 40 CFR 761.280 (Subpart O) sampling plan. Based on the conceptual site model and distribution of PCBs in soils, the verification sampling proposed includes excavation base locations with a frequency of 1 sample per 25 SF or a composite of up to 3 discrete locations with an area of 75 SF.

Additional details regarding the verification sampling plan are provided below:

- All samples will be transported to the laboratory under standard chain of custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082.
- In addition to the primary samples indicated above, duplicate and field equipment blank samples will be collected at a frequency of one per twenty primary samples. These samples will be submitted to the laboratory as part of the QA/QC procedures associated with sample collection via EPA Method 8082 (with separatory funnel extraction via EPA Method 3510C).
- PCB wipe samples will be collected from interior Gristmill Building 1st floor walls once corrective actions (floor board removal) is complete. Wipe samples are only required on this floor, as long as all passage ways are prepared so as to prevent dust migration to other floors. If interior walls are removed, then no wipe sampling will be required. Per request of the VTDEC, wipe samples will be compared to the TSCA level of $\leq 10 \text{ ug}/100 \text{ cm}^2$.
- PCB confirmation joist samples will be collected from the top of joists post removal of the contaminated floor boards from the 1st floor of the Gristmill Building. The consultant should identify the areas of highest PCB contamination in the floor boards detected in the Phase II and target the sample collection for between the gaps in the existing floor boards. Sample results will be compared to the TSCA 1 mg/kg standard.
- Post floor removal, replacement and cleaning, PCB air samples will be collected from the main floor of the Gristmill Building. Results will be compared to the State of Vermont Air Pollution Control Regulations, dated September 2011, Hazardous Ambient Air Standards (HAAS) Category I Table concentration of 0.0018 ug/m³.
- Confirmation soil analytical results will also be compared to the VDH total PCB concentration of 0.12 mg/kg.
- In addition to the samples indicated above, duplicate and field equipment blank samples will be collected at a frequency of one per twenty primary samples on all matrixes. These samples will be submitted to the laboratory as part of the QA/QC procedures associated with sample collection via EPA Method 8082 (with separatory funnel extraction via EPA Method 3510C).

Following completion of the work activities, records and documents will be generated and maintained at one location. These documents will be made available to VTDEC upon request. A final report documenting the completion of the work activities and including but not limited to a description of the work activities, verification analytical results, volumes of disposed materials, and waste disposal documentation will be prepared and submitted to the VTDEC.

7.2 Other Potentially Hazardous Building Materials

There are other hazardous building materials incidental to redevelopment that are not included in this CAP that must be addressed by the Owner. This information should be included as an appendix in future contract bid documents submitted to a qualified contractor to properly manage debris that requires special handling or disposal requirements.

Common items to be addressed should include at least the following items: fluorescent light bulbs and ballasts; mercury-containing materials; refrigerants; exit signs, smoke detectors and alarms, potentially containing low levels of radioactive materials (ICSD smoke alarms) and tritium; fire extinguishers; ash from the chimney; PCBs - equipment-related materials (electric switches and breakers) and building materials (caulking/sealant material and paint); and, leachable lead to characterize the building redevelopment waste stream using the toxicity characteristic leaching procedure (TCLP).

Animal waste, dead animals and mold issues at the Site shall be addressed by a qualified contractor and owner during construction. Although not specifically regulated, animal waste presents a potential health risk to future building occupants. Therefore, animal waste should be completely removed utilizing appropriate engineering controls and cleaning techniques prior to the start of renovation activities.

All building related work that involves abatement and/or handling of asbestos and lead-based paint (including lead based paint contaminated soil) shall be performed to meet the requirements of the Vermont Department of Health Asbestos and Lead Regulatory Program.

Asbestos and Lead Regulatory Program
P.O. Box 70 , 108 Cherry St .
Burlington, VT 05402

800-439-8550 (toll free within Vermont)
802-863-7220
Fax: 802-863-7483

7.3 Health & Safety

A Site-specific health and safety plan (HASP) is required under the CAP process. It is the responsibility of each Contractor to develop and implement a HASP in accordance with each company's health and safety policies in addition to state and federal regulations. A copy of Weston and Sampson's HASP is included in **Appendix F**. Elements of the HASP shall also consider rules under the federal Occupational Safety & Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (29 CFR 1910.120), Safety and Health Regulations for Construction (29 CFR 1926.65) and VOSHA.

It will be the responsibility of the contractor to comply with worker health and safety during the CAP implementation. The contractor shall have adequate knowledge and training in accordance with the OSHA HAZWOPER regulations in 29 CFR 1910.120 for general workers and the supervisor in charge.

The following engineering controls shall be implemented during floor removal and replacement activities within the Gristmill and Creamery buildings:

- negative pressure ventilation with HEPA filtration to provide one air change every 15 minutes for each work area.
- pre- and post-cleaning of all interior room surfaces using a HEPA vacuum.
- wet wash cleaning and wet vacuum as deemed necessary during renovation.

7.4 Institutional Controls

A notice to land record or deed restriction may need to be issued for this Site after the CAP is complete. The intent of this CAP is to remove all known contamination hazards to levels below the VTDEC and TSCA cleanup criteria. Arsenic exists throughout the soils on the Site above cleanup criteria. These arsenic concentrations have not been related to any known historical activities at the Site. The VTDEC shall ultimately decide whether a notice to land record is required.

8.0 CAP IMPLEMENTATION AND SCHEDULE

All work associated with the implementation of this CAP shall be performed by a qualified environmental contractor and reviewed by a qualified environmental professional. Upon completion of the corrective actions, a final inspection will be conducted and a Corrective Action Completion Report will be prepared and submitted to the VTDEC.

8.1 Public Notification

Upon review and approval of this CAP there is a 15 day public comment period for the VTDEC. This plan will not be officially approved and shall not be initiated until such period has passed and any questions or comments are adequately addressed. The VTDEC shall then issue a formal approval to proceed. A draft Public Notice is presented in **Appendix G**.

8.2 Permitting

VTDEC approval is required prior to the implementation of this CAP. A copy of the VTDEC Project Review Sheet specifically for the Brownfields Cleanup aspect of the project is provided in **Appendix H**.

8.3 Schedule

The work associated with this CAP is tentatively scheduled for 2012.

8.4 Cost Estimates

Cost estimates for these Corrective Actions are provided in **Appendix D**.

8.5 Selected Contractor

Once a contractor is retained to perform the CAP, MWL shall notify the VTDEC with the contractors name, contact information and project schedule.

9.0 REFERENCES

1. *Asbestos and Lead Based Paint Inspection, The Johnson Company, Inc. (July 2003)*
2. *Investigation and Remediation of Contaminated Properties Procedures, VTDEC (April 2012)*
3. *Limited Environmental Assessment, North Country Environmental Services, Inc. (May 2004)*
4. *Phase I ESA Report, W&S (December 2010)*
5. *Phase II ESA Report, W&S (November 2011)*
6. *Report Regarding Sampling Performed at Riverside Storage Building and Vehicle Storage and Service Area, Evergreen Services & Consulting, Inc. (July 2001)*
7. *Title 40 – Protection of Environment, Chapter 1 – Environmental Protection Agency, Subchapter R – Toxic Substance Control Act, Part 761 – Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions, EPA (February 2012)*

10.0 COMMON ACRONYMS

AAI	EPA All Appropriate Inquiries
AHERA	Asbestos Hazard Emergency Response Act
ANR	Agency of Natural Resources
AST	Aboveground Storage Tank
ASTM	American Society for Testing Materials
BG	Background
BGS	Below Ground Surface
CSF	Cancer Slope Factor
CAP	Corrective Action Plan
CARB	California Air Resource Board
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COC	Chain-of-Custody
CPAI	Clay Point Associates, Inc.
CVRPC	Central Vermont Regional Planning Commission
DO	Dissolved Oxygen
DNAPL	Dense non aqueous-phase liquid
DQO	Data Quality Objectives
DRO	Diesel Range Organics
DUP	Duplicate
EDR	Environmental Data Resources, Inc.
EM	Electromagnetic Induction
EPA	U.S. Environmental Protection Agency
EF	Exposure Frequency
EPC	Exposure Point Concentration
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FD	Floor Drain
FID	Flame Ionization Detector
GC	Gas Chromatograph
GIS	Geographic Information Systems
GPS	Global Positioning Systems
GPR	Ground Penetrating Radar
GRO	Gasoline Range Organics
HASP	Health and Safety Plan
HCL	Hydrochloric Acid
HNO ₃	Nitric Acid
HREC	Historical Recognized Environmental Condition
H ₂ S	Hydrogen Sulfide
H ₂ SO ₄	Sulfuric Acid
HUD	U.S. Department of Housing and Urban Development
IP	Ionization Potential/Interface Probe
LCS	Laboratory Control Sample
LBP	Lead-Based Paint
LEL	Lower Explosive Limit
LADD	Lifetime Average Daily Dose
LNAPL	Light non aqueous-phase liquid

LOAEL	Lowest Observed Adverse Effect Level
LUST	Leaking Underground Storage Tank
MADEP	Massachusetts Department of Environmental Protection
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MS	Mass Spectrometer / Matrix Spike
MSD	Matrix Spike Duplicate
MW	Monitoring Well
NAPL	Non aqueous-phase liquid
NOAEL	No Observed Adverse Effect Level
NT	Not tested
O ₂	Oxygen
OHM	Oil and Hazardous Material
OSHA	Occupational Safety & Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PARCCS	Precision, Accuracy, Representativeness, Comparability, Completeness and Sensitivity
PAT	Proficiency Analytical Testing Program
PEL	Permissible Exposure Limit
PCB	Polychlorinated Biphenyl
PCM	Phase Contrast Microscopy
PID	Photoionization Detector
PLM	Polarized Light Microscopy
PRG	EPA Region 9 Preliminary Remediation Goal
PUL	Precision Utility Location
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAIS	Risk Assessment Information System
RBC	Risk Based Concentration
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RAGS	Risk Assessment Guidance for Superfund
RF	Radio Frequency
RL	Reporting Limit
RPD	Relative Percent Difference
RSL	Regional Screening Level
SB	Soil Boring
SED	Sediment
SHWS	Vermont State Hazardous Waste Site
SMS	Vermont DEC, Sites Management Section
SOP	Standard Operating Procedure
SS	Surficial Soil
S.U.	Standard Unit
TCLP	Toxicity Characteristic Leaching Procedure
TR	Target Risk
TEM	Transmission Electron Microscopy
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons

TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USGS	United States Geological Survey
UST	Underground Storage Tank
VGES	Vermont Groundwater Enforcement Standard
VLF	Very Low Frequency
VOC	Volatile Organic Compound
VOSHA	Vermont Occupational Safety Health Administration
VTDEC	Vermont Department of Environmental Conservation
VTDOH	Vermont Department of Health
XRF	X-Ray Fluorescence Analyzer

UNITS

cm	centimeter
cu	cubic
g	gram
kg	kilogram
ft	feet/foot
l	liter
lin	linear
m	meter
mg	milligram
mg/L	milligrams-per liter or parts-per-million (liquid)
mg/kg	milligrams-per-kilogram or parts-per-million (solid)
ppm	parts-per-million
ppb	parts-per-billion
ppmv	parts-per-million volume (vapor)
sq	square
sf	square feet
ug	microgram
ug/L	micrograms-per liter or parts-per-billion (liquid)
ug/kg	micrograms-per-kilogram or parts-per-billion (solid)
yd	yard

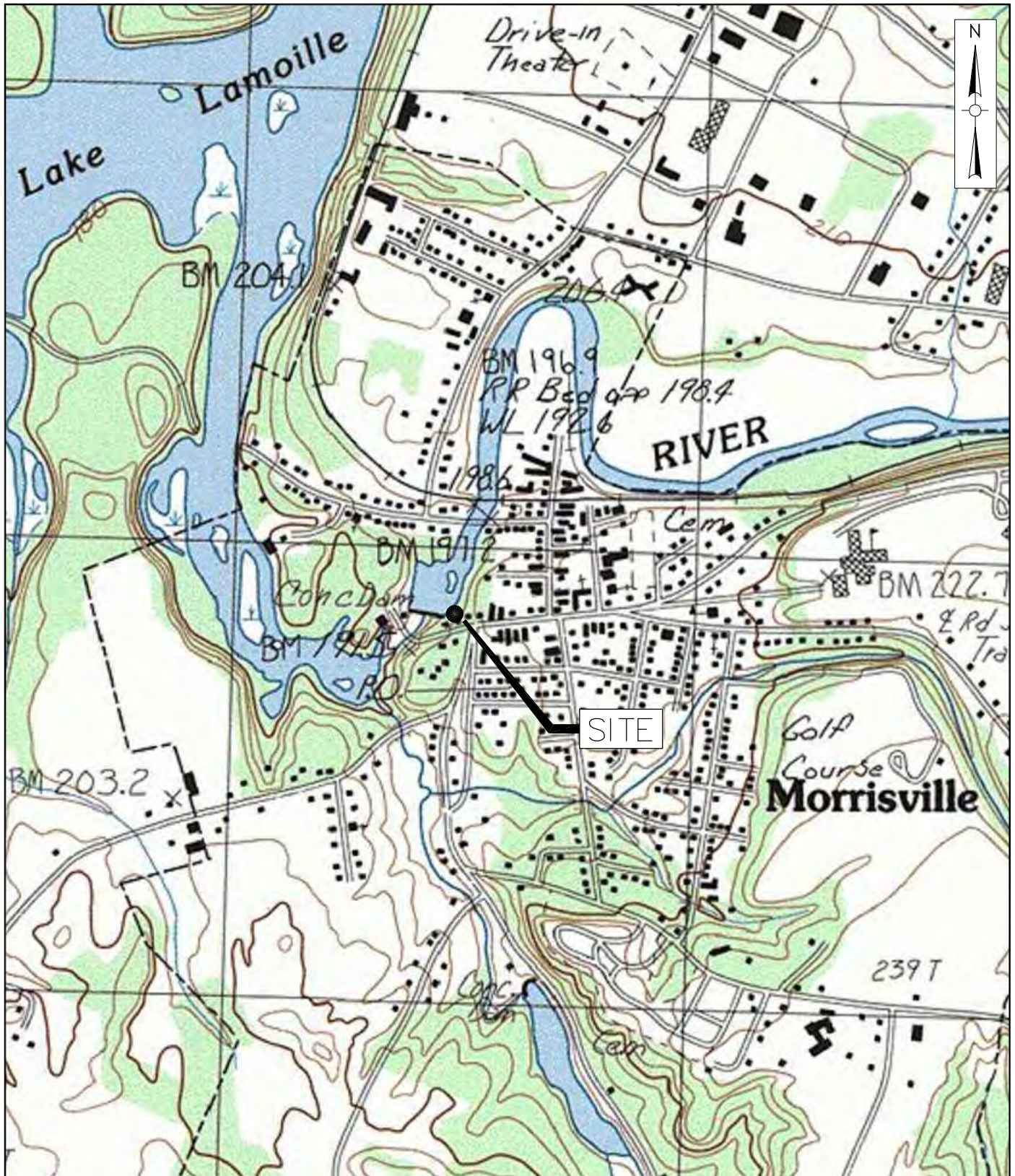
11.0 LIMITATIONS

This project was prepared exclusively for the LCPC, the VTDEC, the EPA and the Owner of the Gristmill-Creamery Building. The findings provided by Weston & Sampson in this report are based solely on the information reported in this document. Future investigations, and/or information that were not available to Weston & Sampson at the time of this investigation, may result in a modification of the findings and recommendations stated in this report.

Should additional information become available concerning this Site or neighboring properties that could directly impact the Site in the future; that information should be made available to Weston & Sampson for review so, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on: Site conditions observed by Weston & Sampson personnel at the time of the investigation; and information provided by the VTDEC and the Site Owners. This report has been prepared in general accordance with accepted engineering and environmental assessment practices. No other warranty, express or implied, is made.

This report is not intended to be an audit of environmental work practices related to the operation of the Gristmill-Creamery property. There may be state and federal regulations that apply that were not addressed, as they were not part of the scope of services agreed upon for the intention of this Brownfield assessment.

FIGURES

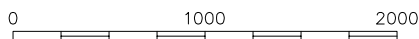


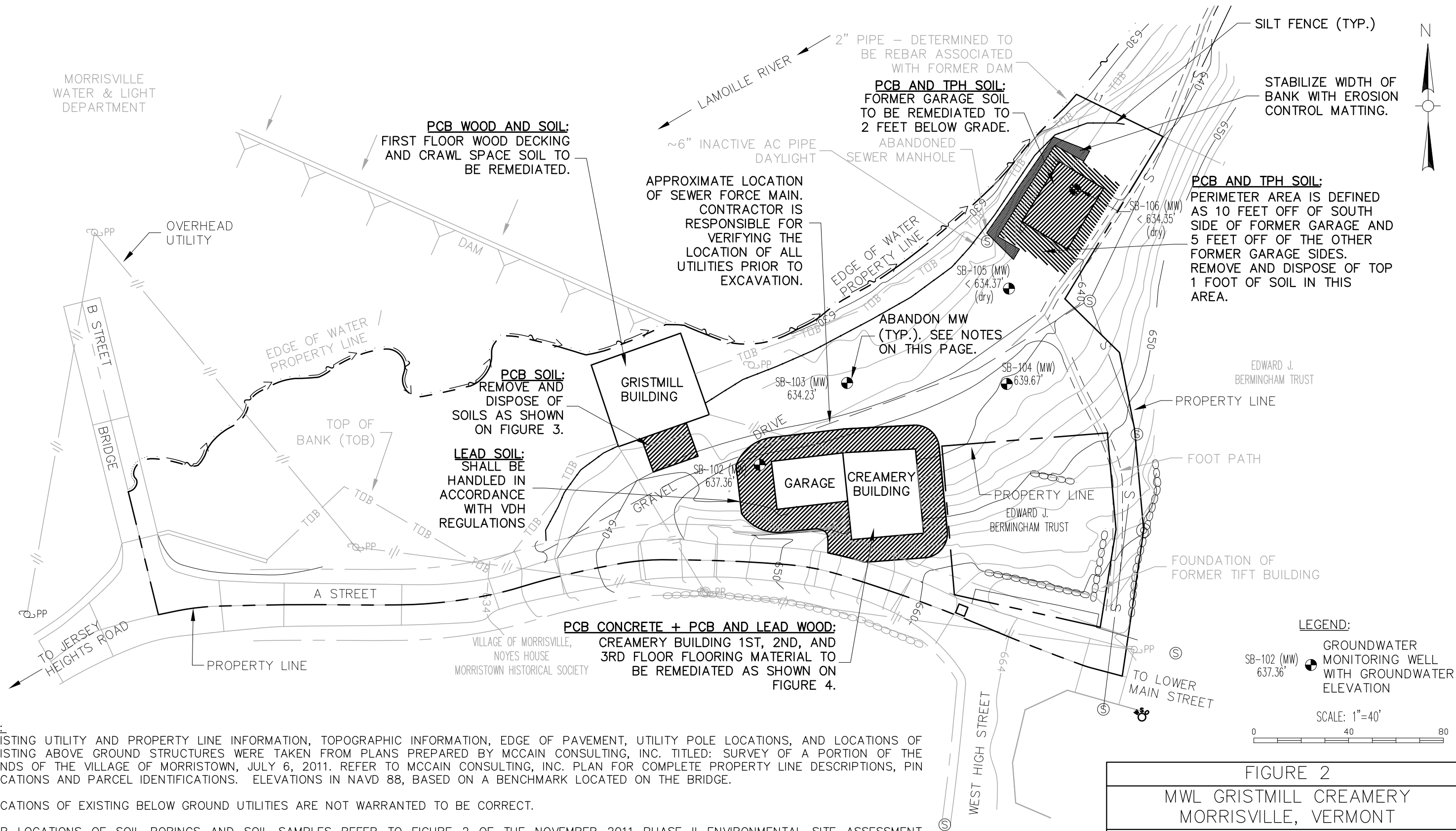
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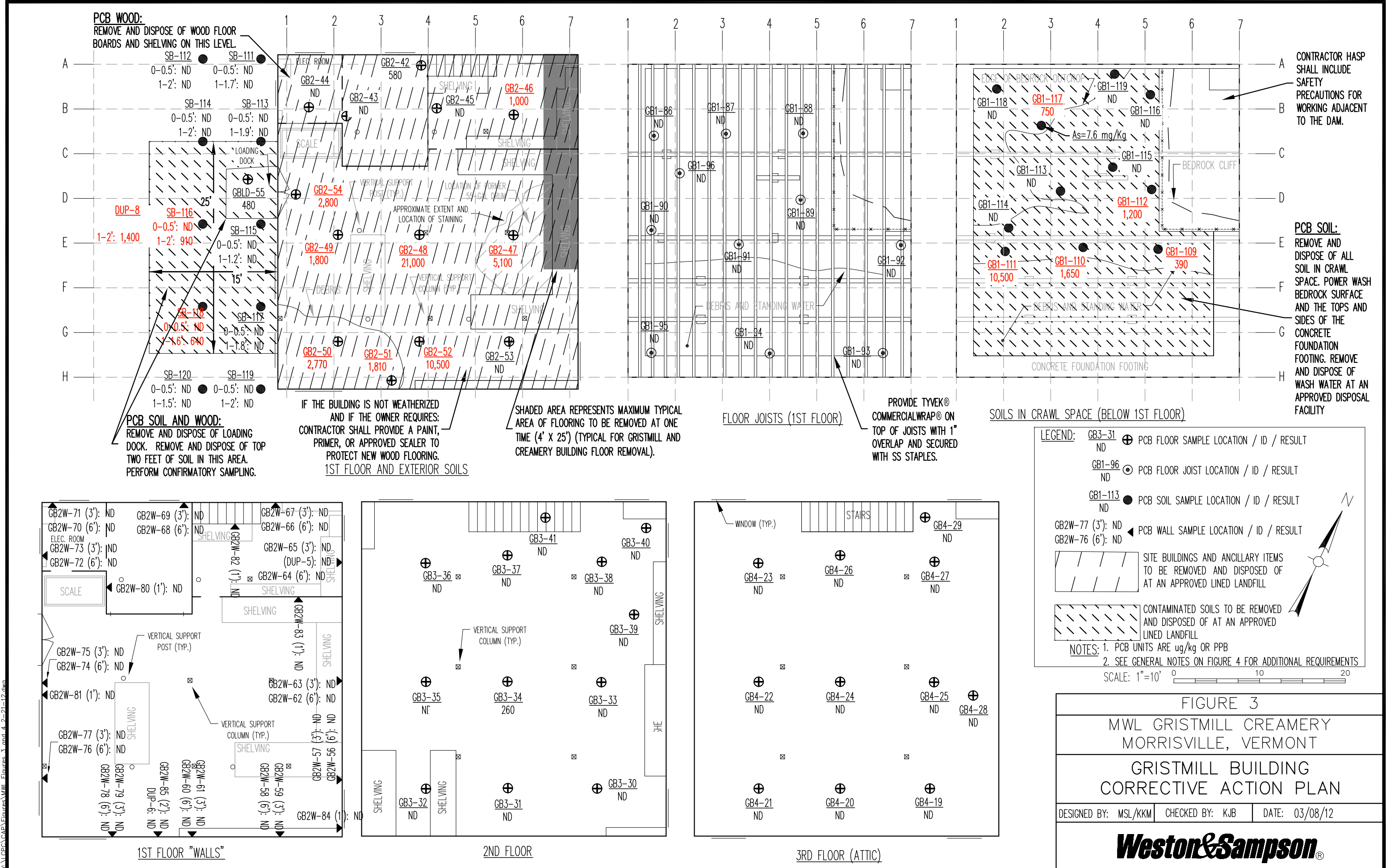
Printed from TOPO! (c) Wildflower Productions, 1999, www.topo.com

FIGURE 1
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
SITE LOCUS MAP

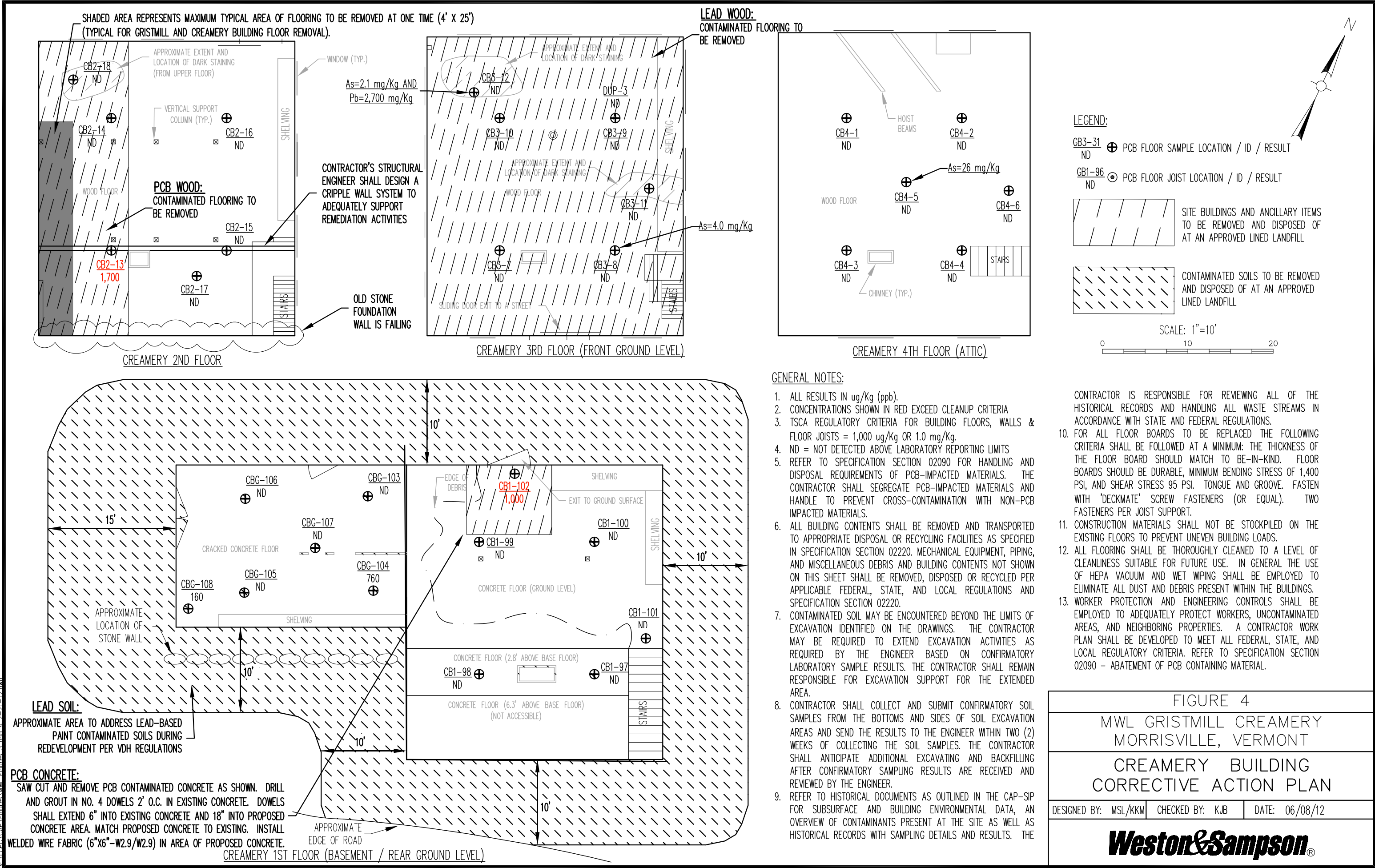
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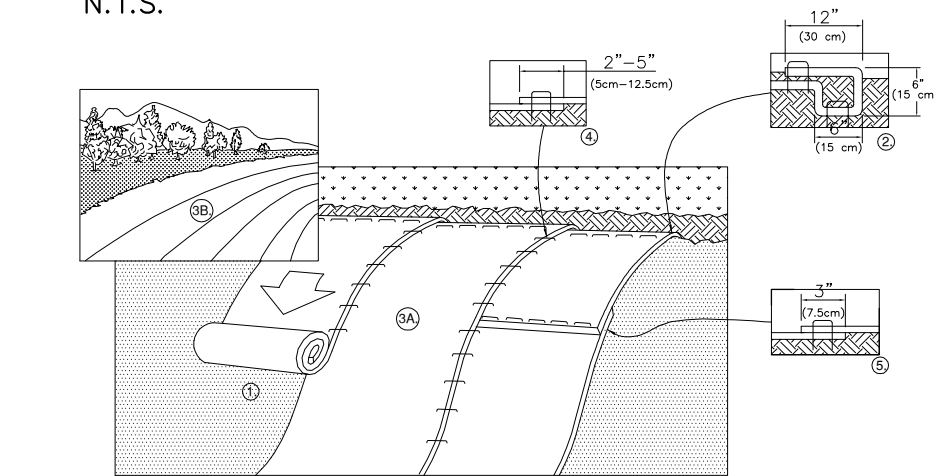
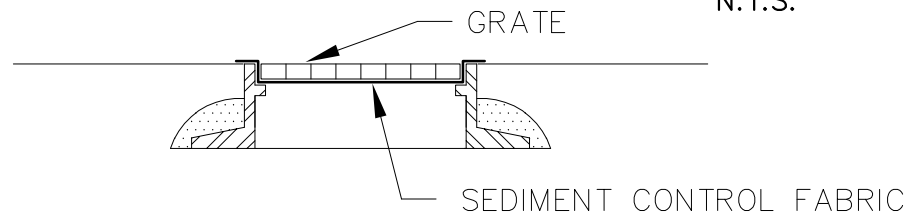
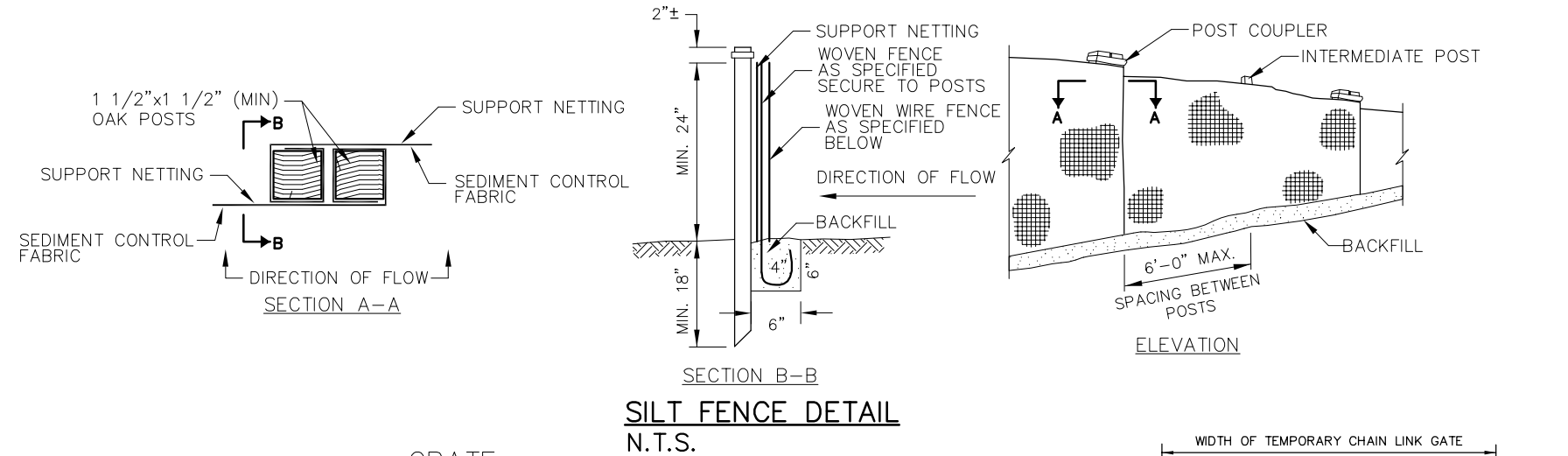






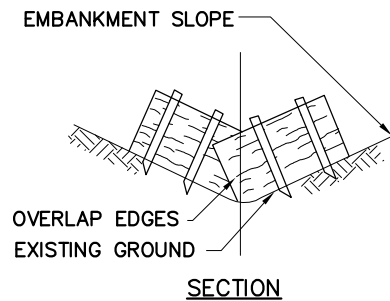
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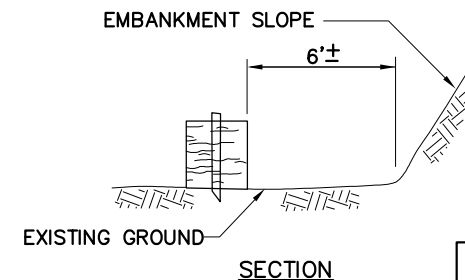


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING TM INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH. NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS. SOURCE: NORTH AMERICAN GREEN

DOUBLE-NET STRAW BLANKET – SLOPE INSTALLATION
N.T.S.



NOTE:
TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES IN TOWARD THE TOE OF SLOPE



NOTE:
TO BE USED IN LOCATIONS WHERE THE EXISTING GROUND SLOPES AWAY FROM THE TOE OF SLOPE

HAY BALES DETAIL
N.T.S.

EROSION PREVENTION & SEDIMENT CONTROL GUIDELINES

1. TEMPORARY EROSION CONTROL MEASURES ARE REQUIRED THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL THE PROJECT HAS BEEN COMPLETED.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL INSTALL SILT FENCING AND EROSION CONTROL DEVICES. EROSION CONTROLS SHALL BE LOGICALLY PHASED WITH PHASED CONSTRUCTION AND REQUIRED BY THE ENGINEER OR ON-SITE COORDINATOR. AT A MINIMUM EROSION CONTROL SHALL BE INSTALLED ALONG THE EDGE OF THE PROPERTY ADJACENT TO THE RIVER.
3. THE CONTRACTOR SHALL DESIGNATE THE RESPONSIBILITIES FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN TO ONE INDIVIDUAL. THE CONTRACTOR SHALL ENSURE THAT ALL WORKERS UNDERSTAND THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN.
4. ALL FINISH GRADE SLOPES SHALL NOT BE STEEPER THAN 1V:2H.
5. WITH THE EXCEPTION OF INSPECTED AND APPROVED LIMITED WINTER CONSTRUCTION AREAS, ALL AREAS SHALL BE STABILIZED PRIOR TO OCTOBER 15 OF EACH YEAR.
6. ALL EARTHWORK AND GRADING PERFORMED BETWEEN OCTOBER 15 AND APRIL 15, SHALL CONFORM TO APPROVED WINTER CONSTRUCTION PRACTICES.
7. EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS POSSIBLE AT ALL TIMES. ADDITIONAL DEVICES SHALL BE INSTALLED IF REQUESTED BY THE OWNER, ENGINEER OR ON-SITE COORDINATOR.
8. THE DEVICES SHALL BE INSPECTED IN ACCORDANCE WITH THE CONSTRUCTION SCHEDULE. THE DEVICES SHALL BE MAINTAINED AS NEEDED. ANY REMOVED SEDIMENT SHALL BE DISPOSED OF IN AN UPLAND LOCATION.
9. THE CONTRACTOR SHALL TOPSOIL, SEED AND MULCH THE DISTURBED AREAS WITHIN 7 DAYS OF INITIAL DISTURBANCE OR IMMEDIATELY AFTER THE CONFIRMATORY SAMPLES HAVE BEEN ANALYZED. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORKDAY. ALL AREAS OF DISTURBANCE MUST HAVE PERMANENT STABILIZATION WITHIN 48 HOURS OF REACHING FINAL GRADE.
10. ANY AREA THAT WILL NOT BE WORKED FOR 14 DAYS SHALL BE TREATED WITH TEMPORARY SEEDING AND MULCH IN ACCORDANCE WITH THE WRITTEN TECHNICAL SPECIFICATIONS, AND RESEEDED IF NECESSARY.
11. ALL SLOPES, DITCHES AND DISTURBED AREAS SHALL BE GRADED SMOOTH AND FREE OF POCKETS WITH SUFFICIENT SLOPE TO INSURE DRAINAGE.
12. REMOVE DEVICES ONLY BY FOLLOWING INSPECTION/APPROVAL OF ENGINEER OR ON-SITE COORDINATOR. REPAIR ANY DISTURBANCES CAUSED BY THE REMOVAL.

FIGURE 5

MWL GRISTMILL CREAMERY
MORRISVILLE, VERMONT

DETAILS AND NOTES

DESIGNED BY: MSL | CHECKED BY: KJB | DATE: 03/08/12

Weston&Sampson®

APPENDIX A

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #1

Gristmill Building

A Street

Crawl Space

Dam

Creamery Building



Photo #2

Gristmill

Crawl Space

Dam



Photo #3

Gristmill Building

Creamery Building

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #4

Gristmill Building

Loading Dock

Access down steep slope to top of
dam and crawl space



Photo #5

Creamery Building

Creamery Building Garage

A Street



Photo #6

Former Garage Building

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #7

Gristmill Building - 2nd floor



Photo #8

Gristmill Building - crawl space



Photo #9

Creamery Building Garage

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #10

Creamery Building - attic



Photo #11

A Street

Creamery Building – 3rd floor



Photo #12

Creamery Building – 1st floor (basement)
with buttressed wall

APPENDIX B

The logo for Weston & Sampson Engineers, Inc. features the company name in a bold, sans-serif font. Below the name is a horizontal line, and underneath that is a stylized 'W' symbol. A large, thick, black curved line arches over the entire logo.

Weston & Sampson
ENGINEERS, INC.

P.O. Box 189
98 South Main Street
Waterbury, Vermont 05676
Tel: (802) 244-5051 Fax: (802) 244-8505

Report

December 2010

Brownfields

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Morrisville Water & Light Gristmill-Creamery

36 and 56 A Street
Morrisville, Vermont

Prepared For:

**Lamoille County Planning Commission
PO Box 1637
52 Portland Street, Second Floor
Morrisville, Vermont 05661**

Phase I Environmental Site Assessment
Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont



Kevin McAleer, P.G.
Environmental Professional

12/3/10

Date

I the above signed, declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in § 312.20 of 40 CFR 312. I the above signed, have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

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EXECUTIVE SUMMARY

Weston & Sampson Engineers, Inc., (Weston & Sampson) was contracted by the Lamoille County Planning Commission (LCPC) to perform a Phase I Environmental Site Assessment (ESA) at the Morrisville Water & Light Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as “the Site”). The Site is currently owned by MWL and is being considered for redevelopment. To assist in the redevelopment, environmental assessment work is being done by the LCPC on behalf of the prospective purchaser with funding assistance from the United States Environmental Protection Agency (USEPA) Brownfield’s Assessment Program. The redevelopment plan is to establish a restaurant in the Gristmill Building, a General Store (with take out food) and a small Ice Cream shop in the Creamery Building and eventually a seasonal Snack Bar in the one story ell off the Creamery building. Some items surrounding these two buildings may include, a small park with a cobble stone lane, historic street lanterns, benches and cast iron railings along the water’s edge with various lights to highlight both the buildings and the dam.

Based on the information gathered during this Phase I ESA and detailed in this report, Weston & Sampson offers the following conclusions:

1. The Site has been owned by the current owner since 1920 and has two buildings known as the Gristmill and Creamery Buildings. The Site also had a garage, which was removed in ~2007 due to trespassing. The buildings are not occupied but have some limited current use as storage by MWL. The Gristmill Building is situated with part of its foundation system incorporated into a dam across the Lamoille River.
2. Historical records show development as early as the 1800’s with multiple changes in Site use over the years.
3. Transformers containing polychlorinated biphenyls (PCBs) have been stored on the first floor of the Gristmill.
4. Several previous environmental investigations have identified on Site contaminants such as asbestos, lead, PCB’s and mercury in building materials, and lead, PCBs and total petroleum hydrocarbons (TPH) in soils.

5. No documented evidence of current or past use of underground storage tanks was discovered for this Site in the records that were reviewed. Sanborn maps indicate for the majority of their history the buildings were powered by water and heated with coal and wood stoves.
6. The Site is not listed on any of the State or Federal Databases reviewed for this document.

Based on the findings of this Phase I ESA, the following recognized environmental conditions (RECs) have been identified:

REC	Item
#1	Gristmill Building / PCBs - The 2001 Evergreen Services and Consulting Report, documented PCB contamination throughout the first floor of the Gristmill Building. The floor is constructed of wood, with multiple gaps and holes. The two highest concentrations were 991 ppm and 58.1 ppm. The average PCB concentration for the first floor of the Gristmill building is 36 ppm. Evergreen also collected four soil samples in the crawl space beneath the first floor; these were all < 0.1 ppm. Electrical transformers have been known to be stored on the first floor of the Gristmill Building. MWL has no knowledge of them being stored on the upper floors.
#2	Former Garage / PCBs & TPH - The 2004 North Country Environmental Services report identified a PCB concentration of 2.6 ppm and a TPH concentration of 1,500 ppm within the 0-1' sample interval of the gravel base of the former garage.
#3	Creamery Exterior / Lead in Soils - The 2003 Johnson Company Report identified a lead concentration of 490 ppm from a composite soil sample along the west side of the Creamery Building.
#4	Hazardous Waste Storage - Two drums of uncertain contents were identified at the Site. One drum was located on the main floor of the Gristmill and another drum on the third floor of the Creamery Building. The drum located in the Gristmill Building was of wood construction, stored on its side and leaking an unknown substance. The drum in the Creamery Building was of steel construction and appeared competent. Other evidence of past petroleum and chemicals storage includes staining on floorboards throughout both buildings.
#5	Lead Based Paint and Asbestos - The 2003 Johnson Company Report identified lead based paint and asbestos in the Gristmill and Creamery Buildings.
#6	Creamery Building / Lead and Mercury - The 2004 North Country Environmental investigation collected wipe samples for lead, herbicides and PCB analysis, as stated in the report the results are used for guidance only. However, the results do show that the Creamery building is impacted with mercury and lead. No PCBs were detected by the North Country wipe samples in the Creamery, and MWL has no knowledge of transformers being in the building.
#7	Off-Site Hazardous Waste Sites - Due to the developed history of the surrounding area, there is an elevated concern for potential contamination to

	migrate onto the property from an off-Site source. This includes the battery storage area shown adjacent to the Creamery Building in the historic Sanborn maps.
--	---

Based on the data obtained and reviewed during this investigation. Weston & Sampson offers the following topics for consideration. Weston & Sampson recommends that a Phase II ESA be performed to address the RECs identified above. The Phase II work would entail:

1. With submission of this ESA report the Vermont Department of Environmental Conservation (VTDEC) and USEPA are formally notified of the contamination present at the Site.
2. Additional PCB sampling will be required for walls, floors and soils in and around the Gristmill Building.
3. Additional PCB sampling will be required in the footprint of the former Garage Building.
4. Additional lead soil sampling should be conducted around the exterior of the Creamery Building to delineate concentrations identified by the 2003 Johnson Company report.
5. The two drums located on Site should be characterized for disposal.
6. Supplemental testing of building materials for asbestos and lead-based paint should be conducted in both buildings as outlined in the 2005 Clay Point Associates (CPAI) letter report.
7. Further testing is required to determine the degree and extent of the mercury and lead impact in the Creamery Building. Additionally, no work has been done to evaluate mercury in the Gristmill Building, since mercury was found in the Creamery Building it is recommended that the Gristmill Building be evaluated for mercury as well.
8. A subsurface investigation should be completed with soil borings and the installation of groundwater monitoring wells to test soil and groundwater conditions for impact related to contaminants known to be present on Site and that may result from off-Site sources.
9. Retain the services of a Vermont licensed surveyor to identify the Site bounds and create a base plan.

1.0 INTRODUCTION

Weston & Sampson Engineers, Inc., (Weston & Sampson) was contracted by the Lamoille County Planning Commission (LCPC) to perform a Phase I Environmental Site Assessment (ESA) at the Morrisville Water & Light (MWL) Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as “the Site”). The Site is currently owned by MWL and is being considered for redevelopment. To assist in the redevelopment, environmental assessment work is being done by the LCPC on behalf of the prospective purchaser with funding assistance from the United States Environmental Protection Agency (USEPA) Brownfield’s Assessment Program.

1.1 Redevelopment Plan

The redevelopment plans for the property include creation of a historic complex that celebrates the history of the Safford Mills while providing the community with a relaxing, picturesque setting within walking distance to the village. The plan is to establish a restaurant in the Gristmill Building, a General Store (with take out food) and a small Ice Cream shop in the Creamery Building and eventually a seasonal Snack Bar in the one story ell off the Creamery building. Some items surrounding these two buildings may include a small park with a cobble stone lane, historic street lanterns, benches and cast iron railings along the water’s edge with various lights to highlight both the buildings and the dam. The ultimate goal is to create an environment where families in Morrisville and the surrounding areas will be able to come for a nice dinner and relax along the river in a historical atmosphere.

The Gristmill building would ideally be restored to its former beauty with a restaurant that emphasizes local, sustainable, organic products offered at a reasonable price. The restaurant would highlight the history of the building with minimal alteration to the interior, other than what would be necessary to bring it to code for public dining facilities. The interior would highlight the buildings former uses and would be decorated with historical artifacts and pictures from the history of Morrisville. A possible name for this restaurant would be Water & Light to celebrate its most recent history.

The Safford Mills Warehouse (Creamery) Building would be restored and developed as a General Store highlighting products from the surrounding area with a focus on sustainability. The Safford General Store would be modeled after the Warren Store in Warren, VT. and the Old Brick Store in Charlotte VT.

1.2 Scope of Phase I Environmental Site Assessment

The ESA for the Site has included; a review of local, state, tribal and federal regulatory agency databases; completion of the American Society of Testing Materials (ASTM) Transaction Screen Questionnaire; correspondence with various officials; and a site reconnaissance visit.

Per the requirements of the USEPA Brownfields assessment grant, historical and archaeological resource assessments were prepared by the University of Vermont Consulting Archaeology Department and are provided in **Appendix F** of this ESA. The historical assessment document was generated so that the USEPA could initiate a Section 106 review with State Historical Preservation Office.

This assessment utilized quality principles and practices for the preparation of this report and incorporated suggested methods in accordance with the ASTM Standard and USEPA All Appropriate Inquiries (AAI) Rule. The term “recognized environmental condition (REC)” is defined in ASTM Standard Practice E 1527-05 as “the presence or likely presence of any hazardous substances (i.e., as defined under CERCLA 42 U.S.C § 9601 (14)) or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.” The ASTM definition does not include “de minimus conditions, which generally do not present a threat to human health or the environment and that generally would not be the subject to an enforcement action if brought to the attention of the appropriate governmental agencies.” Therefore, de minimus conditions have not been considered RECs in this report.

This ESA is subject to the limitations identified in **Section 9.0**. A list of commonly used acronyms is provided in **Section 10.0**.

2.0 SITE LOCATION AND DESCRIPTION

The Site is a 0.8 acre parcel located at 36 and 56 A Street in Morristown, Lamoille County, Vermont, within the downtown area of Morrisville. The Site is situated at the southwest end of the Village of Morrisville, an area of dense residential, retail, and commercial development. General property characteristics are highlighted in the table below, Site Location Map (**Figure 1**), Site Plan (**Figure 2**) and Aerial Plan (**Figure 3**). Photographs obtained during our reconnaissance visits are provided for reference in **Appendix A**.

Property Characteristics

Owner:	Morrisville Water & Light Department
Business Name:	Property not currently occupied
Parcel ID:	21023: 56 A Street and 36 A Street
Latitude / Longitude:	44° 33' 43" North / 72° 36' 4" West
Elevation:	655 feet +/- above sea level
Lot Size:	0.8 acres
Zoning:	Central Business District
Primary Building	"Gristmill" on 56 A Street - also referred to as Building No. 1
Structures:	"Creamery" on 36 A Street - also referred to as Building No.2
Utilities:	Water: municipal available (not connected) Sewer: municipal available (not connected) Electricity: minimal service to buildings Heating: none

There are two structures at the Site:

<u>Structures:</u>	<u>Approximate Area</u> (sq.ft.)
Gristmill	3,635
Creamery	4,135
Garage (removed)	660

Source: Ruskey Knauf, 2003

These buildings have been referred to in several ways over the years but will be referred to as "Gristmill Building" and "Creamery Building" in this ESA report. Other names for the Gristmill Building have been #56 and Building No. 1; for the Creamery Building have been #36 or Building No. 2. A Garage Building was also formerly located on Site, but was removed in ~2007. Historically, the buildings date back into the 1800s that supported woodworking, carriage making, creamery operations, a gristmill and possibly other uses.

The Site is located on the north side of A Street, bordered to the north and west by the Lamoille River and MWL dam; to the north and east by vacant land with an old foundation; and to south across A Street by the Morristown Historical Society Noyes House Museum. The Site is primarily vacant with some use by MWL as storage.

The Site is accessible by a driveway from the south on A Street. The driveway traverses between the Gristmill and Creamery Buildings leading back to a foundation footprint of the former Garage Building. At the former Garage, the driveway transitions into a footpath leading off Site to the northeast along the Lamoille River.

2.1 Property Use and Historical Information

The Site real estate and its existing buildings are being evaluated for reuse potential. To aid in gathering information related to Site activities a “Transaction Screen Questionnaire” was completed by the Site owner. A copy of this, in addition to Weston & Sampson’s observations, is enclosed as **Appendix B**.

The Gristmill Building is not in active use with the exception of storage of a small amount of office related materials including shelving units. Historically, the Gristmill Building was used to store transformers and insulators that likely contained oil with PCBs. The Creamery does not appear to be in active use besides as storage, with a number of water valves, piping and miscellaneous materials were found on various floors, including in the basement. Each building is kept padlocked. A foundation of the Garage Building demolished in 2007 is located on the north side of the Site.

Records and historical information were also obtained from various sources including the Morristown Town Hall, historical Sanborn Maps (1887, 1892, 1897, 1903, 1909, 1922, 1928, and 1946), H.F. Walling Atlas (1859), USGS topographical map (1986) and an aerial photograph (1995). Historical Sanborn Maps are included in **Appendix C**.

The Site appears to have been owned by the Village of Morrisville since 1920 and has been used for at least the last several decades by MWL for equipment storage. An abstract of title for the Morrisville Plant Water Rights with Grantee (Village of Morrisville) and Grantor (H.A. Slayton) dated March 29, 1920 was provided by MW&L. It is not clear if the current Phase I ESA relates to all parcels described; however, the document mentions the following property historical information for the Site and/or its immediate surroundings:

Deed (Book 27, Page 355): Noyes to Slayton, 1898 - Items mentioned: Machine Shop building between Daniels Shop and Safford Shop

Deed (Book 26, Page 299): Safford to Slayton, 1899 - Items mentioned: shop buildings of Partlow Shop, S.H. Tift Store Building, Dam, Safford Mill Building, Red (Noyes) Shop

Deed (Book 26, Page 326): Daniels to Slayton, 1899 - Items mentioned: Dan Gilbert Shop, My Shop, same as Safford to Jones (1829), former covered bridge, present iron bridge

Deed (Book 40, Page 121): Slayton to Village of Morrisville, 1920 - Morrisville Plant Water Rights

Deed (Book 56, Page 55): Slayton Estate to Village of Morrisville, 1952

The historical Sanborn Maps and H.F Walling maps that were reviewed include detailed maps that show historical structures associated with the Site for the years they were produced. The maps are included in **Appendix C** and offer the following historical information:

Review of Historical Sanborn Maps

Map Dates	Site Use
July 1887	Eight buildings shown in vicinity of the Site - not all part of current Site. Northeast corner is a General Store, with storage in the basement and tenements on the 2nd floor. Storage Building along A Street and to the south a building labeled “Lumber.” A “bridge” runs to the phosphate bldg. Internally there is a four-section building labeled as “storage” and “lumber storage.” There are four buildings along the Lamoille River. There was an old dam providing waterpower to these buildings - upstream of current dam. The H&D Safford Tub Manufacturing is located in the northwest corner of the property. The northernmost L-shaped building (A/B) is identified as tub storage, lumber, gearing, and planning. The next building to the south is labeled gearing, sawing and planning (C). The next building to the south is labeled phosphate making, sawing & planning (D). The southernmost building is labeled H&D Safford Grist Mill - gearing, grinding, bolting (E). H & D Safford Tub M’fr –Power: water, Light: kerosene H&D Safford Grist Mill –Power: water, Heat: stoves
July 1892	The building layout and Site use appears similar to above description. A Street is identified as County Road. River Street intersects County Road and Main Street on north side of General Store. HB & AR Daniels Tub M’fr –Power: water, Heat: coal & wood stoves, Light: kerosene H&D Safford Grist Mill –Power: water, heat: wood stoves
August 1897	The internal four-section lumber storage building, to the west of the General Store, are no longer shown. John Daniels Tub M’fr –Power: water, Heat: coal & wood stoves, Light: kerosene H&D Safford Grist Mill –Power: water, heat: wood stoves, Light: kerosene
October 1903	Safford Tub Manufacturing is no longer identified, building (A) is labeled old vacant and building (B) is not shown. The southeastern lumber building along County Road is no longer shown. H&A Slayton Grist Mill –Power: water, heat: wood stoves, Light: Elec?
October 1909	Similar to above, with the Building (A) now labeled as “Lumber Storage.”
May 1922	Property identified as “United Farmers Cooperative Creamery Assn Inc.” Buildings north of the Grist Mill along the Lamoille have been removed, and a penstock created between “Gate 1” at the east end of the Dam down to the Grist Mill, now labeled as “Village Elec. Power.” A butter making building is located to the northeast of the Grist Mill. The Lumber Storage building along A Street is identified as the “Creamery”, with an addition to the southwest, and a two-section Ice House to the northeast. The General Store is identified as “Storage Batteries”, and River Street is now identified as a “drive.” An ice house is also located along the Lamoille at the north end of the property, similar location to the former Building (A). Power and lights from electric, heat: steam. Generator located in garage building?
November 1928	Significant change at Site possibly due to flood of 1927. No longer listed as “United Farmers Cooperative Creamery Assn. Inc.” No longer shown are the dam, penstock or

	buildings to the north of Building (E), which is not labeled. Creamery Building is now labeled Woodworking with an addition to the southwest. The Ice House to the northeast of the Creamery Building has been modified and is now labeled as a shed. The General Store is now labeled as a Second Hand Store.
February 1946	The storage building to the northeast of the creamery building has been removed. The Woodworking Building is labeled as closed (former Creamery). The Second Hand Store is labeled as dwellings.

2.2 Observations During Site Visits

Weston & Sampson visited the Site on October 26, 2010 to observe current conditions and to identify the potential presence of RECs. Mr. Craig Myotte and Mr. Jim Fontaine, both of MWL escorted Weston & Sampson. The Site visit included a visual survey of the Site and surrounding buildings and properties. Site boundaries and adjacent property boundaries were inferred to the best of our ability during the Site visit, based on landmarks and tax maps. Please refer to Site Plan (**Figure 2**) and Site Photographs (**Appendix A**).

2.2.1 Gristmill Building

The Gristmill Building is a two and one-half (2-1/2) story building with the foundation attached to the dam on the Lamoille River. The exterior of the building is painted wood clapboard, with a metal roof, placed over several layers of asphalt shingles. Many of the window openings have been boarded over. The floor plan on the interior is open, with a few partition walls on the first floor. The second floor is open and the third floor an open attic space. The first floor has interior wood on the walls that is painted. The second and third floor interior walls are not painted, and have no interior construction.

The building is primarily empty with the exception of some storage of a small amount of office-related materials including shelving units. There does not appear to be any heat or water supply at the building, with limited electrical wiring for lights. The building is not insulated with the exception of some remaining asbestos cloth insulation on the first floor.

A leaking wooden drum (approximately 55-gallon) on a plastic tarp was found on the first floor. The drum has been on-site for years and the material appeared very viscous and not actively leaking. The liquid from this drum was flowing across the floor approximately 5 feet to a 1-inch hole in the floor. This hole is over the ground within the foundation, and is adjacent to the Lamoille River. The drum was not labeled and the liquid was not identified.

No fill or vent pipes, which would indicate the presence of an underground storage tank (UST), were noted surrounding the building. No floor drains were noted in the building.

According to Mr. Myotte transformers and electrical equipment that potentially contained PCBs have only been historically stored on the first floor of the Gristmill Building, and due to the weight and size of the equipment it is unlikely they would have been brought to the upper floors of the building. Orange paint marks were observed at the locations of the Evergreen Environmental Services PCB wood shaving samples, collected in 2001, these are discussed further in **Section 3.5**.

2.2.2 Creamery Building

The Creamery is a three and one-half (3-1/2) story building with a stone foundation that is stepped following the slope from A Street. The building foundation along A Street is in poor condition and the north exterior wall of the building is leaning towards the river. The building is wooden with painted clapboard siding and a metal roof. The third floor is finished with painted wood on the interior and paper insulation. A brick chimney runs through the building from the first floor.

The ground level (first floor) of the building is full height walk-in from the direction of the river that transitions to a crawl space to the south towards A Street. The floor of the ground level is concrete, with no observed floor drains; however, there were many items stored in this room on the floor. The foundation at the front of the building is stone. This area is currently used for miscellaneous storage. A single story garage structure is attached to the western side of the building. This area has a dirt floor. Passive vents are present near the top of two walls; however, no staining on the building or ground below these vents were observed.

The second floor of the building is above grade along the north, east and west sides and below grade along the southern end near A Street. The southern and eastern wall of the building is formed by a stone foundation, while the remaining walls are wood construction with horizontal, painted, wood lath. Several old fire hydrants are stored here, as well as pipe sections, valves and connections for the water system.

The third floor of the building is accessible from A Street via a sliding wooden door. All walls of this level are above grade. The interior is open with unpainted horizontal wood lath. Some staining was observed in several areas of the floor. A closed, unlabeled 55-gallon drum is located on this floor and staining was observed near this drum, but did not appear to originate at the drum.

The fourth floor of the building is an attic space. The roof is deteriorated, and a stain on the floor appears to be a leak from the roof. The floor of the attic has a significant accumulation of bat and/or bird droppings. Some paper insulation was observed on the walls.

According to Mr. Myotte transformers and electrical equipment that potentially contained PCBs have not historically been stored in the Creamery building.

2.2.3 Former Garage Building

The Former Garage building is located at the northeastern end of the Site, along the Lamoille River. The Garage was demolished in 2007, due to trespassing concerns. Formerly it was a single story building with a double door on the southwest side and shingle roof. All that remains of the Garage Building now, is a concrete foundation with an interior dirt / gravel floor. The Garage Building had no heat, water supply or wastewater disposal, and only limited electrical wiring for lights.

2.2.4 Exterior Grounds

During our Site visits, the exterior grounds were walked to observe land use characteristics pertaining to this environmental site assessment. Public access to the Site is not restricted with the exception of the buildings being locked. A visual survey of the surrounding private properties was also performed without leaving the Site.

A gravel driveway heads north from A Street and travels between the Gristmill and Creamery buildings. The area between these two buildings and up to the former garage is dirt and worn in a pattern indicating parking in front of the buildings and occasionally vehicular traffic. This Site is not used for vehicle storage by the current owner, and no significant surface staining was observed anywhere on the grounds outside of the buildings. There is a vegetated area against the Lamoille River, and on the steep slope to the east of the Creamery. This slope is the area where the General Store appears to have been located as recently as the 1946 edition of the Sanborn Maps. This area is now vegetated, but evidence of a historic foundation, and piles of bricks were observed. The trail to the northeast of this area is worn, indicating occasional pedestrian use. An old stonewall is located to the southeast of this area at the top of the slope and adjacent to the sidewalk along A Street.

A sewer manhole is located to the southwest of the Garage. A 6" black corrugated plastic pipe daylights near the edge of the drive towards the Lamoille River. The pipe alignment is toward A Street where there is a catch basin; however, it is not known if there is a connection. No staining was observed at the outflow of this pipe.

According to Mr. Myotte transformers and electrical equipment that potentially contained PCBs have not historically been stored on any of the exterior grounds.

2.3 Storage Tanks

No USTs are identified as being registered at the Site. No fill or vent pipes, indicating the presence of USTs were noted during the Site walkover. No above ground fuel storage tanks were noted. This is reasonable as none of the buildings are heated. No above ground process chemical storage tanks were noted in any of the buildings.

2.4 Asbestos, Lead Based Paint and Fungal Growth (Mold)

In 2005, Clay Point Associates Inc. (CPAI) from Williston, Vermont performed a walkthrough visual assessment of the buildings related to asbestos, lead-based paint and fungal growth (mold) to identify issues related to potential redevelopment of the buildings. CPAI also reviewed the historical data and their report is provided in **Appendix D**.

2.5 Other Miscellaneous Items

Two transformers were noted on a utility pole to the south of the Gristmill Building. It is not known if these transformers contain PCBs. Any fluorescent lighting fixtures associated with the buildings, if present, may have light ballasts that contain PCBs. Other items that may include PCBs are historic oil-filled switches, capacitors, caulking and hydraulic fluid all of which may have been used or stored in these buildings. Thermostats and other switches may contain mercury.

An abandoned pipe of unknown purpose was noted day lighting along the riverbank below the former Garage Building.

3.0 REVIEW OF RECORDS

3.1 Electronic Database Search

Environmental Data Resources, Inc. (EDR) was contracted to search available federal and state database records for the Site and surrounding properties within the ASTM E 1527-00 search radius. The detailed database report and limitations of the search criteria is contained in **Appendix E**, which also defines database acronyms that are not explicitly defined in this discussion. The discussion in this section serves to highlight findings of the database search that may have the potential to present recognized environmental conditions at the Site.

3.1.1 On-Site Listings from Database Search

The Site is not listed in any of the State or Federal environmental databases that were searched as part of this investigation.

3.1.2 Off-Site Listings from Database Search

The EDR database search detected the following results for off-Site locations; refer to **Appendix E** for further information to supplement this discussion.

Database Executive Summary

Number of Listings	Database
1	Federal Nation Priority List (NPL)
7	RCRA - Conditionally Exempt Small Quantity Generator (CESQG)
3	State Hazardous Waste Sites (SHWS)
6	Leaking Underground Storage Tank (LUST)
11	Underground Storage Tank (UST)
5	Aboveground Storage Tank (UST)
2	RCRA - Non Generator
1	Record of Decision (ROD)

Sites listed in the above table may pose a risk based on characteristics such as proximity, elevation and type of contaminant. Some of the facilities identified in the database search have experienced a release to the subsurface soil and/or groundwater. These facilities are described in the table below. The contaminants appear to be related to petroleum hydrocarbons from several gasoline stations and tetrachloroethylene (also known as perchloroethylene or PCE) from a dry cleaning operation.

State Hazardous Waste Sites (SHWS)

Site	Address	Distance (mi)	Status
Denoia's Dry Cleaners	140 Portland St.	1/8 - 1/4	active
Bornemann & Green Machine	33 Foundry St.	1/8 - 1/4	closed

Shop			
Morrisville Lumber	207 Portland St.	1/8 - 1/4	closed
HA Manosh	120 Northgate Plaza	1/2 - 1	closed
Contractors Crane Service	138 Munson Ave.	1/2 - 1	closed

Leaking Underground Storage Tank (LUST)

Site	Address	Distance (mi)	Status
Windshield World	22 Portland St.	1/8 - 1/4	closed
Morrisville Mobil	Main/Congress	1/8 - 1/4	active
Bornemann & Green Machine Shop	33 Foundry St.	1/8 - 1/4	active
Morrisville Lumber	207 Portland St.	1/8 - 1/4	closed
Cumberland Farms	4023 Main/Congress	1/8 - 1/4	closed

There are a number of other sites that the database generated under the listing as orphan sites that do not have adequate address information for mapping. These are a variety of SHWS, UST, LUST, RCRA, FINDS, CERC-NFRAP, and manifest sites.

3.2 Vermont Department of Environmental Conservation Records

We scheduled file reviews at the VTDEC waste management division, UST division and wastewater division. Each program reported there were no files concerning the Site. We also reviewed the ANR Environmental Interest Locator map, for the location of surrounding state hazardous waste sites and USTs. A copy of this figure is provided in **Appendix C**.

3.3 Vermont Department of Health Records

Weston & Sampson spoke with the Vermont Department of Health (VDOH) Lead and Asbestos program. The VDOH reviewed relevant databases and hard copy files under the categories of Asbestos Abatement Permits (1987 – present), Lead Abatement Permits (1999 – present), as well as Essential Maintenance Practices – affidavits of compliance or compliance statements (2008 – present) and found no asbestos or lead related activities or public file information for the Site.

3.4 Village Records

Morrisville Town Hall: Records that were obtained in support of the property description and history include: property listing card, zoning files, historical atlas, flood insurance map and an urban district building inventory.

Morrisville Fire Department: Weston & Sampson was unsuccessful in contacting the Morrisville Fire Department Chief during this Phase I ESA, but in a previous Phase I prepared by Weston & Sampson in 2006, Fire Chief Bill Spear reported that to his knowledge there are no records pertaining to the Site with respect to incident responses or USTs (removal or installation).

3.5 Previous Environmental Reports

This ESA included a review of historical environmental reports for the Site. Reports from these studies were supplied by MWL to Weston & Sampson and are referred to as:

- Evergreen Services & Consulting, Inc. (Evergreen), 2001
- The Johnson Company, Inc. (Johnson), 2003
- North Country Environmental Services, Inc. (North Country), 2004

The reports are not consistent in the reference to buildings and we will reference them as follows:

- Gristmill Building (Building No. 1) (Grist Mill #56),
- Creamery Building (Building No. 2) (Building #36)
- Garage (Building No. 3) (Ford Building) - *Removed since the preparation of the above reports.*

From these studies, it is clear that there are various issues related to each building. The contaminants found to date include asbestos, lead, PCBs and mercury in building materials and lead, PCBs and TPHs in soils. The findings these environmental investigations are summarized below by building and consultant. ***The recommendations identified in the following sections are those of the consultant who prepared the respective report, and not necessarily those of Weston & Sampson. Weston & Sampson's recommendations are found in Section 7.0.***

3.5.1 Gristmill Building

Historical work at this location was performed by:

- Evergreen Report, 2001
- Johnson Report, 2003

Summary of 2001 Evergreen Report:

- Findings:
 - The Gristmill Building was used for storage and handling of transformers, electrical equipment, dielectric fluid
 - Staining observed on wood floors
 - 36 samples of wood shavings for Polychlorinated Biphenyl (PCB) testing - results ranged from <0.1 to 991 milligrams per kilogram (mg/kg)
 - 4 soil samples under the main building for PCB testing - results were <0.1 mg/kg
 - 1 wood sample of support beam under building for PCB testing - results were <0.1 mg/kg

- 1 water sample of standing water under building for PCBs - results were <0.025 milligrams per liter (mg/L)
- **Conclusions:**
 - PCB contamination appears to be confined to within the building materials and not in soils or water under the building.
- **Recommendations:**
 - As the wood is a porous surface and a double-wash rinse would not be sufficient to clean the floor, it is recommended that the floor be removed and replaced.
 - Because the building demonstrates contamination throughout, it is recommended that the walls and ceilings be sampled if they are not intended to be replaced.
 - There are no recommendations for outside the building except the possible removal of the loading ramp.

Summary of 2003 Johnson Report:

- **Findings:**
 - The Gristmill Building was inspected to identify Asbestos containing materials and Lead-based paint that may be disturbed during renovations of the building. Only the first floor contained painted surfaces; therefore, no paint samples were collected on the upper floors of this building.
 - 11 samples were collected for Asbestos testing - results of 10 samples were non detect and 1 sample of cloth fabric was positive.
 - 6 samples were collected for Lead testing - all 6 samples were found to contain Lead.
 - 1 composite soil sample was collected from 4 discrete locations along the front of the building facing A Street for Lead testing - results detected Lead in soils at 40 mg/kg.
- **Conclusions:**
 - Asbestos - Asbestos was only found in 1 sample of cloth window fabric. Materials with $\geq 1\%$ asbestos are considered to be asbestos containing materials, and are subject to applicable regulations.
 - Lead in building materials - painted surfaces on the building exterior and throughout the first floor should be considered to contain Lead with the exception of the ceiling.
 - Lead in Soils outside building - Lead was detected in soils at 40 mg/kg. The U.S. Environmental Protection Agency (EPA) soil standards for bare soils is 400 mg/kg in play areas and 1,200 mg/kg in bare soils in the remainder of the yard.

- Recommendations:

- Asbestos - none presented
- Lead in building materials - The removal and disposal must be conducted in conformance with Vermont Occupational Safety and Health Administration (VOSHA) regulations and Vermont Solid Waste Management Regulations. According to the Vermont Solid Waste Management Division it is not necessary to conduct further testing prior to their disposal in a lined landfill.
- Lead in soils outside building - The composite soil sample was tested in areas that were covered with grass. Additional testing of soils around the perimeter of the building may be warranted.

3.5.2 Creamery Building

Historical work at this location was performed by:

- Johnson Report, 2003
- North Country Report, 2004

Summary of 2003 Johnson Report:

- Findings:

- Building was inspected to identify Asbestos containing materials and Lead-based paint that may be disturbed during renovations of the building.
- 9 samples were collected for Asbestos testing - results of 6 samples were non detect and 3 were positive (transite board, 6" water pipe and 16" water pipe).
- 11 samples were collected for Lead testing - all 11 samples were found to contain Lead.
- 1 composite soil sample was collected from 4 discrete locations along the front of the building facing Lamoille River for Lead testing - results detected Lead in soils at 490 mg/kg.

- Conclusions:

- Asbestos - Asbestos was only found in some pieces of cement Asbestos water piping near the stairs and approximately 4 square feet of transite board that lines a former chimney chase in the center of the ceiling of the first floor. Materials with $\geq 1\%$ asbestos are considered to be asbestos containing materials, and are subject to applicable regulations.

- Lead in building materials - painted surfaces identified on the building interior and exterior corner board should be considered to contain Lead with the exception of the red exterior siding.
- Lead in Soils outside building - Lead was detected in soils at 490 mg/kg. The U.S. Environmental Protection Agency soil standards for bare soils is 400 mg/kg in play areas and 1,200 mg/kg in bare soils in the remainder of the yard.
- Recommendations:
 - Asbestos - none presented
 - Lead in building materials - The removal and disposal must be conducted in conformance with Vermont Occupational Safety and Health Administration regulations and Vermont Solid Waste Management Regulations. According to the Vermont Solid Waste Management Division it is not necessary to conduct further testing prior to their disposal in a lined landfill.
 - Lead in soils outside building - The composite soil sample was tested in areas that were covered with grass. Additional testing of soils around the perimeter of the building may be warranted.

Summary of 2004 North Country Report:

- Findings:
 - Two soil samples were collected outside the building B-4 and B-5. TPH up to 140 mg/kg, PCBs <0.1 mg/kg, Lead up to 34 mg/kg, Mercury <0.25 and Asbestos negative.
 - Interior wipe tests - PCBs < 1.0 µg/wipe, Lead up to 16,000 µg/wipe, Mercury up to 1,200 µg/wipe.
 - Second floor - herbicides <0.1 mg/kg. (?? Location of sample??)
 - Second floor - minor staining located on stairs adjacent to door.
 - Third floor - had a 55-gallon drum with staining of the wooden plank floor.
- Conclusions:
 - Potential exposure exists to occupants of the building.
 - Prior to allowing occupation of the buildings by sensitive receptors (adults, children, elderly, pregnant woman, etc.) abatement procedures for the removal or encapsulation of the Lead and Mercury should be conducted.
- Recommendations:

- The wood floors should be power washed and the water containerized for disposal. After the floors have been washed, it is recommended that an industrial strength seal be put down on all wooden floor surfaces.

3.5.3 Garage Building - Since Removed

Historical work at this location was performed by:

- North Country Report, 2004

Summary of 2004 North Report:

- Findings:
 - Overturned 55-gallon drum north of building - no staining observed, Boring B-1 had no regulatory exceedances for TPH, herbicides or PCBs
 - Automobile battery east of building - no staining observed, Boring B-2 had no regulatory exceedances for TPH, herbicides or PCBs
 - Soil sample in front of building doors (B-3) - no significant concerns
 - Soil samples inside building (B-6, B-7, B-8, B-9) - TPH up to 1,500 mg/kg, PCBs up to 2.7 mg/kg, Herbicides <0.1, Lead up to 68 mg/kg and Mercury <0.25 mg/kg.
 - Asbestos - not addressed in this report
 - Lead-based paint - not addressed in this report
- Conclusions:
 - VTDEC should be notified that a release of oil and/or hazardous materials occurred based on the TPH and PCBs identified in the shallow soil samples inside the building.
- Recommendations:
 - Limited removal of the PCBs and TPH impacted soils from inside the building. Confirmatory samples should be collected for PCBs. Following removal of contaminated soils, a layer of clean soil should be placed down or a poured concrete floor. A concrete floor is recommended to limit future concerns.

4.0 ENVIRONMENTAL CHARACTERISTICS

This section presents a description of the environmental setting pertaining to the Site and regional features including topography, groundwater, surface water, and geology. Also included is a review of local private and municipal water supplies.

4.1 Site Setting and Topography

The Site Locus Map (**Figure 1**) depicts the Site and surrounding topography based on the United States Geological Survey (USGS) Morrisville, Vermont quadrangle. The Site is situated between A Street and the Lamoille River on a parcel of land that has varied use with commercial/industrial operations in the southwestern portion and undeveloped land to the northeast. The Lamoille River, including the MWL Dam, borders the Site to the west. The local topography slopes down from southeast to northwest from A Street down to a level area between the Gristmill, Creamery and former Garage Buildings and ultimately to the Lamoille River to the west/northwest. East of the Site is a steep lightly wooded slope up to the developed downtown area of Morrisville. The area to the south of the Site is primarily residential.

4.2 Groundwater Characteristics

Based on review of the USGS topographic map and observations during the Site visit, it is anticipated that overburden groundwater flow is towards the west/northwest, discharging into the Lamoille River.

4.3 Surface Water Characteristics

The Site is situated along the eastern bank of Lamoille River, adjacent to the MWL dam. The Lamoille River then flows into Lake Lamoille. The western portion of the Site bordering the Lamoille River is adjacent to a Zone AE flood hazard area inundated by a 100-year flood as shown on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map dated 1987 (**Appendix C**).

4.4 Soil and Bedrock Characteristics

The surficial soils in the vicinity of the Site are reported to have the following general characteristics:

Component Name:	CrB Croghan Loamy Fine Sand
Surface Texture:	Loamy fine sand
Hydrologic Group:	Class B - moderate infiltration rates. Deep and moderately deep, moderately well and well-drained soils with moderately coarse textures.
Drainage Class:	Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Source: United States Department of Agriculture's Soil Conservation Service.

According to the Surficial Geologic Map of Vermont (Doll, 1970), the soils underlying the Site are designated as a beach gravel deposit with contact at the Lamoille River and extending to the east/northeast.

According to the Geologic Map of Vermont (Doll 1961), the bedrock in vicinity of the Site transitions from west to east with the Hazens Notch formation (Ch to Chm) and the Ottauquechee formation (Co). The Hazens Notch formation (Ch) is characterized by interbedded carbonaceous and noncarbonaceous quartz-sericite-albite-chlorite schist; grades to quartzite and gneiss. The Hazens Notch formation (Chm) is chiefly albite-actinolite-chlorite-epidote greenstone; locally hornblende-epidote-chlorite-albite amphibolite. The Ottauquechee formation (Co) is a black carbonaceous phyllite or schist containing interbeds of massive quartzite commonly criss-crossed by veins of white quartz; quartzite is dark gray and carbonaceous, light gray, or white; also includes light green quartz-sericite-chlorite phyllite or schist and sericitic quartzite; beds of phyllitic greywacke and feldspar granule conglomerate are north of Lamoille River.

4.5 Water Supplies

4.5.1 Private Water Wells

According to the ANR GIS Environmental Interest Locator map, there are no wells within ¼-mile of the Site (**Appendix C**).

4.5.2 Public Water Supply Protection Areas

According to the ANR GIS Environmental Interest Locator map, there are no public water supply protection areas within 1-mile of the Site (**Appendix C**).

4.5.3 Surface Water Supply Protection Areas

According to the ANR GIS Environmental Interest Locator map, there are no surface water supply protection areas within 1-mile of the Site (**Appendix C**).

5.0 INTERVIEWS AND OTHER PERTINENT INFORMATION

5.1 Interview and Environmental Questionnaires

To aid in gathering additional information related to Site activities, several individuals were interviewed and a select number were sent a “Transaction Screen Questionnaire.” A copy of this, in addition to Weston & Sampson’s observations, is enclosed in **Appendix B**.

Weston & Sampson interviewed the following individuals with respect to their knowledge of the Site and immediate surroundings. The interview process and review of questionnaires served to substantiate the current state of knowledge of the Site and immediate surroundings that are presented throughout this report.

Name	Verbal Interview	Completed Questionnaire
Mr. Craig Myotte (MW&L)	yes	yes
Mr. Jim Fontaine (MW&L)	yes	yes
Kevin McAleer (Weston & Sampson, Inc.)	—	yes

5.2 Environmental Liens

Based on our review of information and the questionnaire provided to us, there is no indication that any Environmental Liens pertain to the Site, see questionnaire provided in **Appendix B**.

5.3 Activity Use Limitations

Based on our review of information and the questionnaire provided to us, there is no indication that any Activity Use Limitations pertain to the Site, see questionnaire provided in **Appendix B**.

5.4 Specialized Knowledge

All information received from interviews, questionnaires, records review and a Site visit as discussed in this report, are considered specialized knowledge with respect to the Site and conditions of surrounding properties. This specialized knowledge has been presented to convey evidence in support of RECs related to this project.

5.5 Valuation Reduction for Environmental Issues

Based on our review of information and the questionnaire provided to us, it is not evident that there is any property valuation reduction related to environmental issues or concerns see questionnaire in provided in **Appendix B**.

5.6 Commonly Known or Reasonably Ascertainable Information

In our opinion, sufficient data has been collected from a variety of sources to provide an adequate understanding of the Site.

5.7 Data Gaps

Weston & Sampson, Inc. was unsuccessful in contacting Morrisville Fire Department's Chief Spear during this Phase I ESA, however, we did contact Chief Spear four years ago during a prior Phase I ESA for the Gristmill-Creamery Site, but this still represents a four year gap in time. Based on the information gathered as part of this assessment and Weston & Sampson's professional experience, no other substantial data gaps were identified.

6.0 SUMMARY AND CONCLUSIONS

Based on the information gathered during this Phase I ESA and detailed in this report, Weston & Sampson offers the following conclusions:

1. The Site has been owned by the current owner since 1920 and has two buildings known as the Gristmill and Creamery Buildings. The Site also had a garage, which was removed in ~2007 due to trespassing. The buildings are not occupied but have some limited current use as storage by MWL. The Gristmill Building is situated with part of its foundation system incorporated into a dam across the Lamoille River.
2. Historical records show development as early as the 1800's with multiple changes in Site use over the years.
3. Transformers containing polychlorinated biphenyls (PCBs) have been stored on the first floor of the Gristmill Building.
4. Several previous environmental investigations have identified on Site contaminants such as asbestos, lead, PCB's and mercury in building materials, and lead, PCBs and total petroleum hydrocarbons (TPH) in soils.
5. No documented evidence of current or past use of underground storage tanks was discovered for this Site in the records that were reviewed. Sanborn maps indicate for the majority of their history the buildings were powered by water and heated with coal and wood stoves.
6. The Site is not listed on any of the State or Federal Databases reviewed for this document.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the MWL Gristmill-Creamery, the Site. Any exceptions to, or deletions from, this practice are described in **Section 8.0** of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Site, except for the following:

REC	Item
#1	Gristmill Building / PCBs - The 2001 Evergreen Services and Consulting Report, documented PCB contamination throughout the first floor of the Gristmill Building. The floor is constructed of wood, with multiple gaps and holes. The two highest concentrations were 991 ppm and 58.1 ppm. The average PCB concentration for the first floor of the Gristmill building is 36 ppm. Evergreen also collected four soil samples in the crawl space beneath the first floor; these were all < 0.1 ppm. Electrical transformers have been known to be stored on the

	first floor of the Gristmill Building. MWL has no knowledge of them being stored on the upper floors.
#2	Former Garage / PCBs & TPH - The 2004 North Country Environmental Services report identified a PCB concentration of 2.6 ppm and a TPH concentration of 1,500 ppm within the 0-1' sample interval of the gravel base of the former garage.
#3	Creamery Exterior / Lead in Soils - The 2003 Johnson Company Report identified a lead concentration of 490 ppm from a composite soil sample along the west side of the Creamery Building.
#4	Hazardous Waste Storage - Two drums of uncertain contents were identified at the Site. One drum was located on the main floor of the Gristmill and another drum on the third floor of the Creamery Building. The drum located in the Gristmill Building was of wood construction, stored on its side and leaking an unknown substance. The drum in the Creamery Building was of steel construction and appeared competent. Other evidence of past petroleum and chemicals storage includes staining on floorboards throughout both buildings.
#5	Lead Based Paint and Asbestos - The 2003 Johnson Company Report identified lead based paint and asbestos in the Gristmill and Creamery Buildings.
#6	Creamery Building / Lead and Mercury - The 2004 North Country Environmental investigation collected wipe samples for lead, herbicides and PCB analysis, as stated in the report the results are used for guidance only. However, the results do show that the Creamery building is impacted with mercury and lead. No PCBs were detected by the North Country wipe samples in the Creamery, and MWL has no knowledge of transformers being in the building.
#7	Off-Site Hazardous Waste Sites - Due to the developed history of the surrounding area, there is an elevated concern for potential contamination to migrate onto the property from an off-Site source. This includes the battery storage area shown adjacent to the Creamery Building in the historic Sanborn maps.

7.0 RECOMENDATIONS

Based on the data obtained and reviewed during this investigation. Weston & Sampson offers the following topics for consideration. Weston & Sampson recommends that a Phase II ESA be performed to address the RECs identified above. The Phase II work would entail:

1. With submission of this ESA report the Vermont Department of Environmental Conservation (VTDEC) and USEPA are formally notified of the contamination present at the Site.
2. Additional PCB sampling will be required for walls, floors and soils in and around the Gristmill Building.
3. Additional PCB sampling will be required in the footprint of the former Garage Building.
4. Additional lead soil sampling should be conducted around the exterior of the Creamery Building to delineate concentrations identified by the 2003 Johnson Company report.
5. The two drums located on Site should be characterized for disposal.
6. Supplemental testing of building materials for asbestos and lead-based paint should be conducted in both buildings as outlined in the 2005 Clay Point Associates (CPAI) letter report.
7. Further testing is required to determine the degree and extent of the mercury and lead impact in the Creamery Building. Additionally, no work has been done to evaluate mercury in the Gristmill Building, since mercury was found in the Creamery Building it is recommended that the Gristmill Building be evaluated for mercury as well.
8. A subsurface investigation should be completed with soil borings and the installation of groundwater monitoring wells to test soil and groundwater conditions for impact related to contaminants known to be present on Site and that may result from off-Site sources.
10. Retain the services of a Vermont licensed surveyor to identify the Site bounds and create a base plan.

In addition to the above recommendations, other items for consideration are:

- a. Conduct an additional Site walk prior to preparation of a final Phase II Work Plan. Specifically to better identify, if possible, the Evergreen PCB sample locations, especially the locations that had reportable PCB concentrations greater than 50 ppm and determine where and which PCB samples were collected on the upper floors of the Gristmill building.

- b. The VTDEC should work with the VTDOH to determine who will have jurisdiction over the lead in soil observed outside the Creamery building.
- c. The Site should be considered for eligibility under the Brownfields Reuse and Environmental Liability Limitation Act (BRELLA).

8.0 DEVIATIONS

There were no deviations in preparing this Phase I ESA.

9.0 LIMITATIONS

This ESA was prepared exclusively for the use of Lamoille County Planning Commission and Morrisville Water & Light. The findings provided by Weston & Sampson in this report are based solely on the information and resources reported in this document. Future investigations, and information that were not available to Weston & Sampson at the time of this investigation, may result in a modification of the findings and recommendations stated in this report.

Should additional information become available concerning this Site or neighboring properties that could directly impact the Site in the future; that information should be made available to Weston & Sampson for review so, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on: Site conditions observed by Weston & Sampson personnel at the time of the investigation; information provided by Morrisville Water & Light Department, Site occupants, and other local sources; information obtained from federal, state and local agencies. This report has been prepared in accordance with accepted engineering and environmental assessment practices. No other warranty, express or implied, is made.

10.0 COMMON ACRONYMS

This report contains acronyms commonly utilized in the presentation of information obtained during the performance of the Phase I ESA. The following is a list of the common acronyms used throughout this report:

ANR – Vermont Agency of Natural Resources

AST – Aboveground Storage Tank

ASTM – American Society for Testing and Materials

AAI – EPA All Appropriate Inquiries

ESA - Environmental Site Assessment

CERCLA - Comprehensive Environmental Response, Compensation and Liability Act

EDR - Environmental Data Resources, Inc.

HREC – Historical Recognized Environmental Condition

LCPC - Lamoille County Planning Commission

LUST – Leaking Underground Storage Tank

OHM – Oil and Hazardous Material

RCRA – Resource Conservation and Recovery Act

REC - Recognized Environmental Condition

SHWS – Vermont State Hazardous Waste Site

UST – Underground Storage Tank

USEPA - United State Environmental Protection Agency

VTDEC – Vermont Department of Environmental Conservation

VTDOH - Vermont Department of Health

11.0 REFERENCES

ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005.

ASTM E 1528-00, Standard Practice for Environmental Site Assessments: Transaction Screen Process, 2000.

Environmental Protection Agency, Standards and Practices for All Appropriate Inquiries; Final Rule. November 1, 2005. Final AAI Rule went into effect on November 1, 2006.

ASTM Transaction Screen Questionnaire, prepared by Mr. Craig Myotte and Jim Fontaine of Morrisville Water & Light.

ASTM Transaction Screen Questionnaire, prepared by Weston & Sampson.

Environmental Data Resources, Inc. October 27, 2010, the EDR Radius Map, Inquiry Number 2905639.1s

Weston & Sampson Phase I ESA, A Street Buildings, September 2006.

Clay Point Associates, Inc. Plan for Asbestos, Lead-Based Paint and Fungal Growth Inspections

Evergreen Services & Consulting, Inc., Sampling Performed at Riverside Storage Building, July 27, 2001.

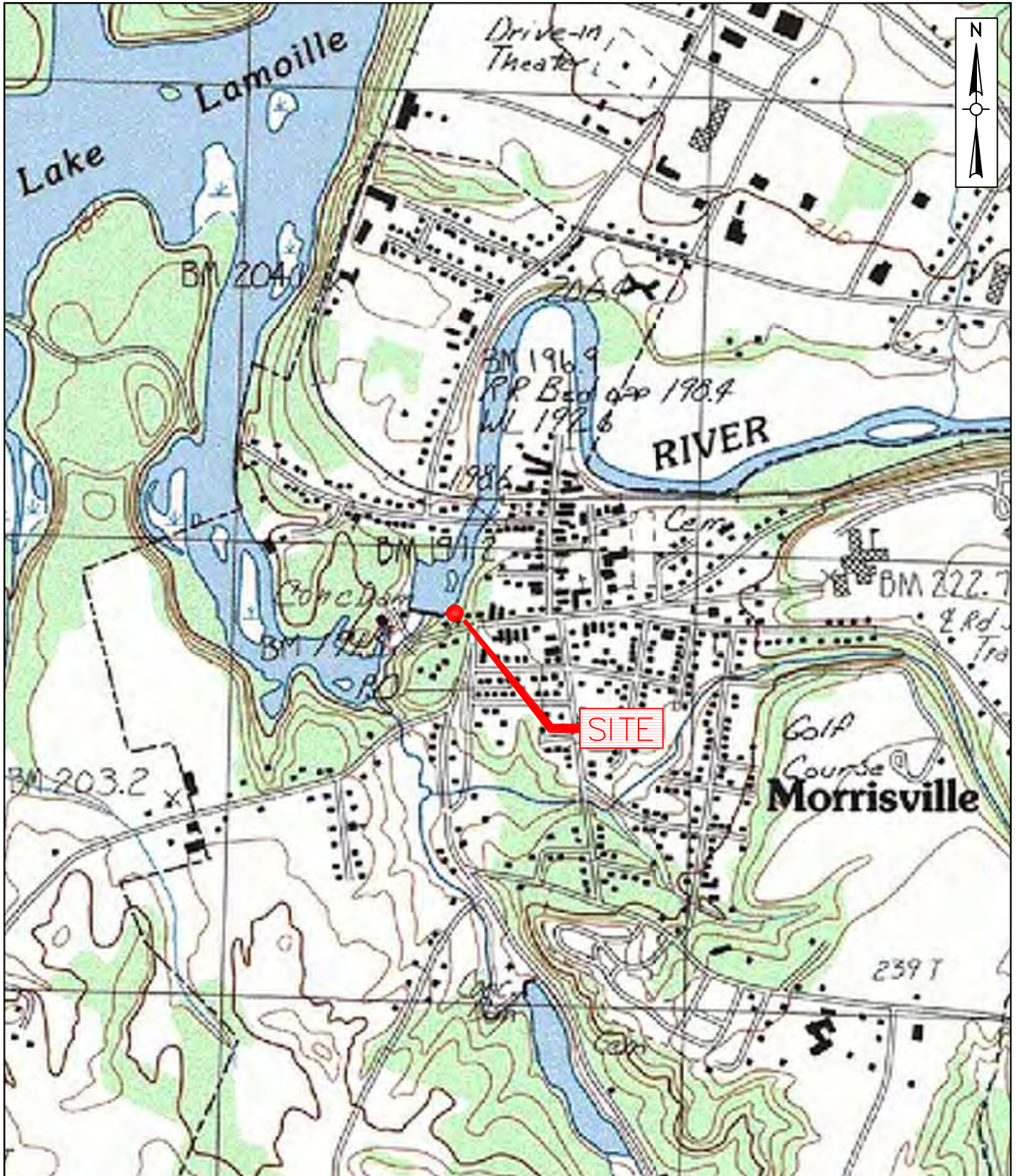
The Johnson Company, Inc., Asbestos and Lead-Based Paint Inspection Report, July 11, 2003.

North Country Environmental Services, Limited Environmental Assessment, May 11, 2004.

Three-Property Assessment: Final Report, Ruskey Knauf Associates, Inc., Not Dated.

Agency of Natural Resources Environmental Interest Locator and Private Well Locator, October 2010.

Figures

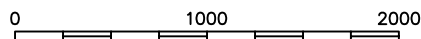


DATA SOURCES:

Printed from TOPO! (c) Wildflower Productions, 1999, www.topo.com

FIGURE 1
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
SITE LOCUS MAP

SCALE: 1"=1000'



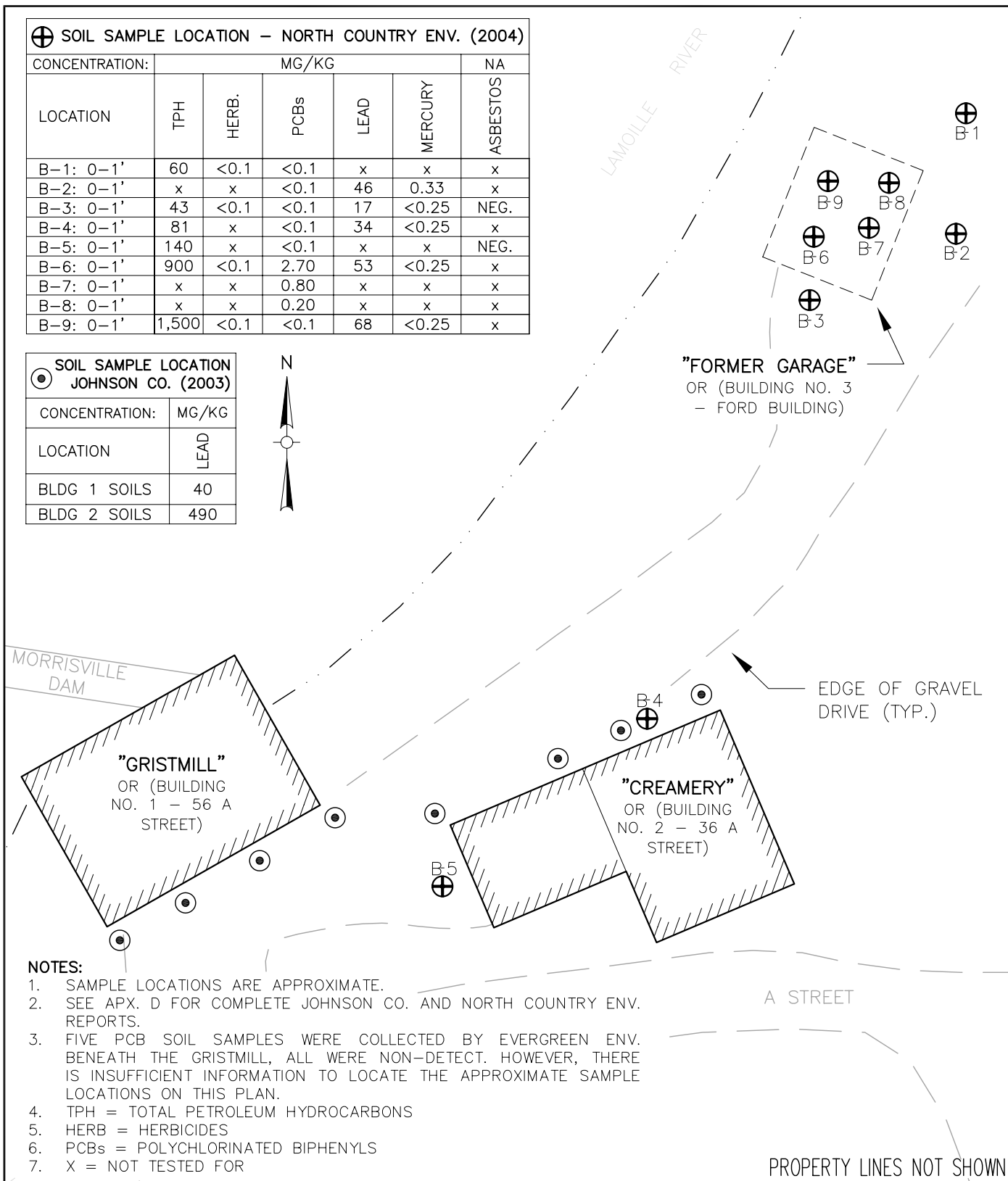
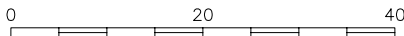
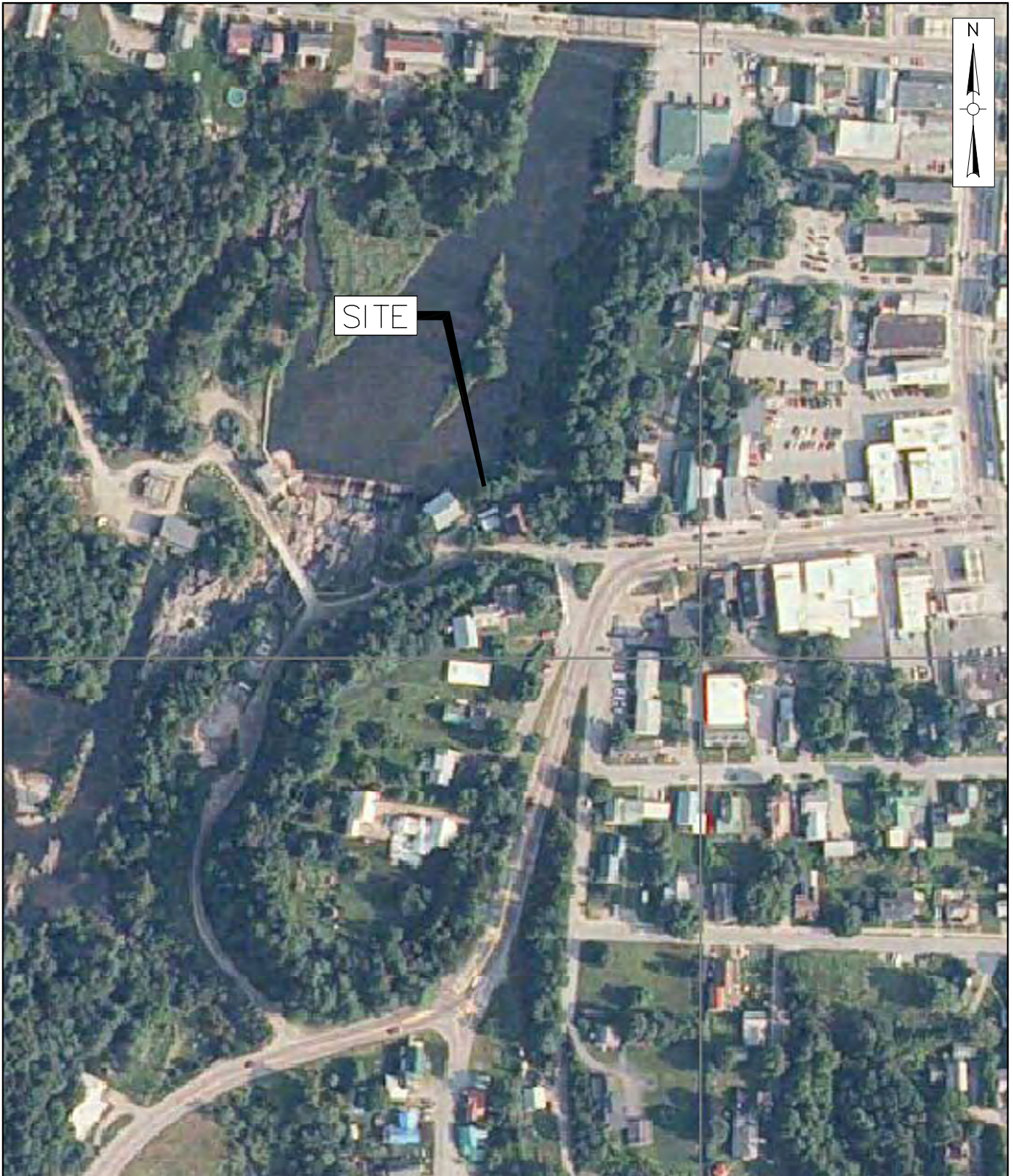


FIGURE 2
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
SITE PLAN

APPROXIMATE SCALE: 1"=20'



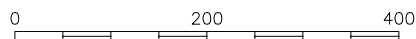


DATA SOURCES:

NAIP Color Orthophoto 2009

FIGURE 3
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
AERIAL PLAN

SCALE: 1"=200'



Appendix A

Site Photographs

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**

Phase 1 Environmental Site Assessment



Photo #1

Site



Photo #2

Gristmill and Morrisville Dam



Photo #3

Site

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**

Phase 1 Environmental Site Assessment



Photo #3

Gristmill Building
56 A Street



Photo #4

Creamery Building
36 A Street



Photo #5

Former Garage

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**

Phase 1 Environmental Site Assessment



Photo #6

2nd Floor
Gristmill Building
56 A Street



Photo #7

Crawl Space
Gristmill Building
56 A Street



Photo #8

Garage
Creamery Building
36 A Street

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**

Phase 1 Environmental Site Assessment



Photo #9

Attic
Creamery Building
36 A Street



Photo #10

First Floor
Creamery Building
36 A Street



Photo #11

Basement
Creamery Building
36 A Street

Appendix B

Transaction Screen Questionnaires

AAI – USER QUESTIONNAIRE**FOR**

*Village of Morrisville Water & Light
Gristmill / Creamery Buildings*

In order to receive CERCLA liability protection, the user¹ must provide the following information (if available). Failure to provide this information could result in the determination that “all appropriate inquiry” was not complete.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

- ☐ Yes
☒ No
☐ Unknown

2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

- ☐ Yes
☒ No
☐ Unknown

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of this ESA of you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

- ☐ Yes
☒ No
☐ Unknown

¹ The party seeking to complete an AAI to receive CERCLA liability protection

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

- ☒ Yes
☐ No
☐ Unknown

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of any spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?

- ☒ Yes
☐ No
☐ Unknown

5. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

- ☒ Yes
☐ No
☐ Unknown

Oct. 29, 2010
 Date

Craig T. Ingolter
 Signature
 General Manager

ENVIRONMENTAL SITE RECONNAISSANCE QUESTIONNAIRE
(to be completed by an owner's representative and a Weston & Sampson representative)

Site Name: Gristmill/Creamery

Site Address: 36 and 56 A Street, Morrisville, VT

Project No.: _____

Site Visit Date: _____

What is the current and past use(s) of the subject property?

Current		Past	
Residential – Single Family	☐	Residential – Single Family	☐
Residential – Multi-Family	☐	Residential – Multi-Family	☐
Commercial	☐	Commercial	☒
Industrial/Manufacturing	☐	Industrial/Manufacturing	☐
Unimproved/Raw Land	☐	Unimproved/Raw Land	☐
Agriculture	☐	Agriculture	☐
<u>Other</u>	☒		

To the best of your knowledge, what are the current and past uses of the adjoining properties?

Adjoining Property	Current		Past	
	Owner	Use	Owner	Use
North:	<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>
South:	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
East:	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
West:	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>

Question	Owner/Property Representative			Observed During Site Visit		
Is the property used for an industrial use?	YES	<u>NO</u>	UNK	YES	NO	UNK
Is any <i>adjoining</i> property used for an industrial use?	YES	<u>NO</u>	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	YES	<u>NO</u>	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used for an industrial use in the past?	YES	<u>NO</u>	UNK	YES	NO	UNK
Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	<u>NO</u>	UNK	YES	NO	UNK

Question	Owner/Property Representative			Observed During Site Visit		
Is any <i>adjoining</i> property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	☒ NO	UNK	YES	NO	UNK
Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gallons (19 Q) in volume or 50 gallons (190 Q) in the aggregate, stored on or used at the property or at the facility?	YES	NO	☒ UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gallons (19 L) in volume or 50 gallons (19 L) in the aggregate, stored on or used at the property or at the facility?	YES	NO	☒ UNK	YES	NO	UNK
Are there currently any industrial drums (typically 55 gallons (208 Q)) or sacks of chemicals located on the property or at the facility?	☒ YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any industrial drums (typically 55 gallons (208 L)) or sacks of chemicals located on the property or at the facility?	☒ YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	YES	☒ NO	UNK	YES	NO	UNK

Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	YES	☒ NO	UNK	YES	NO	UNK
Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	☒ NO	UNK	YES	NO	UNK
Is there currently any stained soil on the Property?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there has previously been any stained soil on the property?	YES	☒ NO	UNK	YES	NO	UNK
Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any registered or unregistered storage tanks (above or underground) located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from or adjacent to any structure located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odor, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	☒ YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	☒ YES	NO	UNK	YES	NO	UNK

If the property is served by a private well or non-public water system, is there evidence or do you have any prior knowledge that contaminants have been identified in the well or system that exceeded guidelines applicable to the water system?	YES	☒ NO	UNK	YES	NO	UNK
If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	YES	☒ NO	UNK	YES	NO	UNK
Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification related to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	☒ YES	NO	UNK	YES	NO	UNK
Has the owner or occupant of the facility been informed of the current existence of hazardous substance or petroleum products with respect to the property or any facility located on the property?	☒ YES	NO	UNK	YES	NO	UNK
Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	YES	☒ NO	UNK	YES	NO	UNK
Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property, or recommended further assessment of the property?	☒ YES	NO	UNK	YES	NO	UNK
Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	YES	☒ NO	UNK	YES	NO	UNK
Does the property discharge wastewater (not including sanitary waste or stormwater) onto or adjacent to the property and/or into a stormwater system?	YES	☒ NO	UNK	YES	NO	UNK

Does the property discharge wastewater
(not including sanitary waste or stormwater) onto or
adjacent to the property and/or into a sanitary sewer
system?

YES

☒ NO

UNK

YES

NO

UNK

Did you observe evidence or do you have
any prior knowledge that any hazardous substances
or petroleum products, unidentified waste materials,
tires, automotive or industrial batteries, or any other
waste materials have been dumped above grade,
buried, and/or burned on the property?

YES

☒ NO

UNK

YES

NO

UNK

Is there a transformer, capacitor, or any
hydraulic equipment for which there are any records
indicating the presence of PCBs?

YES

☒ NO

UNK

YES

NO

UNK

The Owner Questionnaire was completed by:

Name: Craig T. Myotte

Address: 857 Elmore St., Morrisville, VT

Title: General Manager

Phone Number: 802-888-3348

Firm: Village of Morrisville
Water & Light

Date: 10/29/2010

The Site Visit Questionnaire was completed by:

Name: _____

Address: _____

Title: _____

Phone Number: _____

Firm: _____

Date: _____

SITE SKETCH

PROPERTY DATA

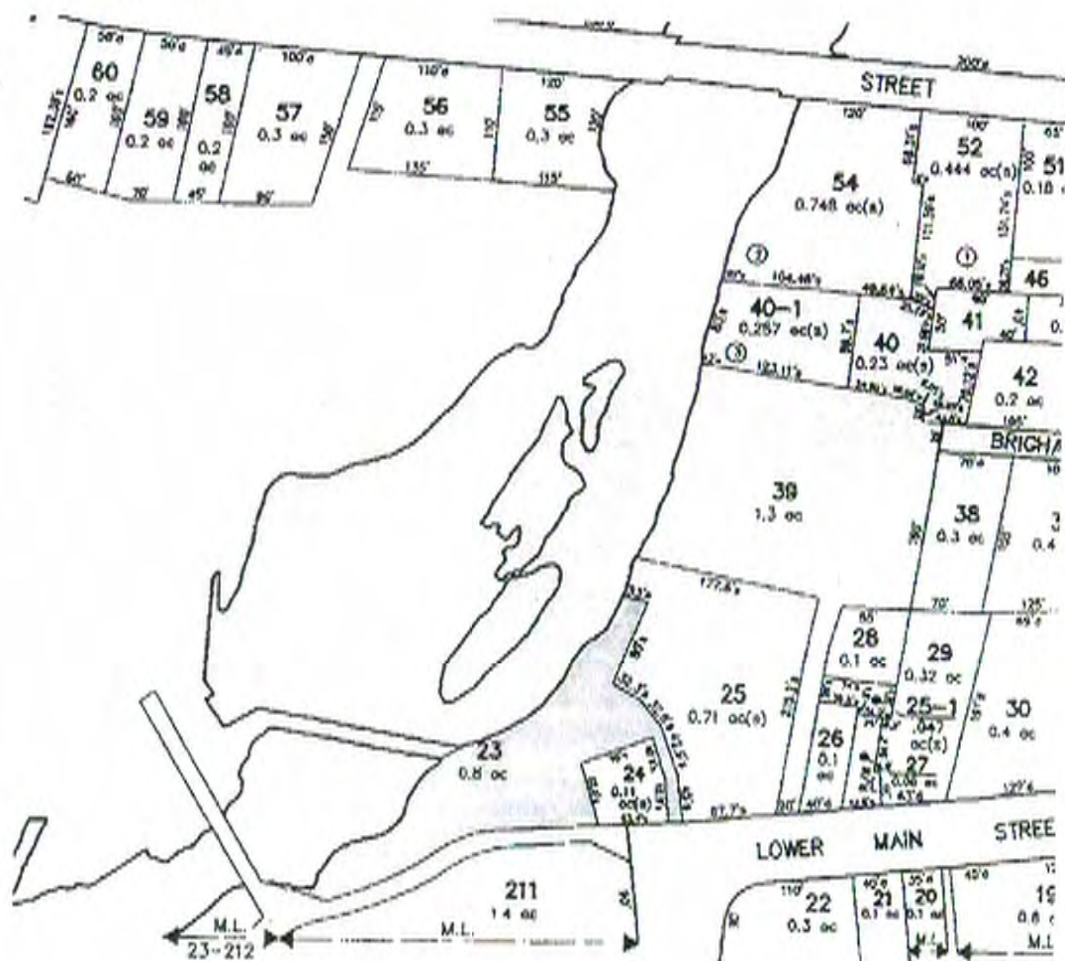
Brief History of the Property:

The property has been owned by Morrisville Water and Light Department for many years. Requests for proposals for the site have been made over the years, but it has not been actively marketed for sale.

Site Data:

The subject parcel contains approximately 0.80± acres according to town records. It is a very irregularly shaped parcel, with fairly extensive frontage on A Street. A copy of a tax map is included below to provide a visual reference of the subject property and its relationship to roads and surrounding property.

COPY OF TAX MAP



ENVIRONMENTAL SITE RECONNAISSANCE QUESTIONNAIRE
(to be completed by an owner's representative and a Weston & Sampson representative)

Site Name: Gristmill - Creamery
Site Address: 36 + 56 A Street, Morrisville, VT
Project No.: 2100637 A
Site Visit Date: 10/26/10

What is the current and past use(s) of the subject property?

Current		Past	
Residential - Single Family	☐	Residential - Single Family	☐
Residential - Multi-Family	☐	Residential - Multi-Family	☐
Commercial	☐	Commercial	☒
Industrial/Manufacturing	☐	Industrial/Manufacturing	☒
Unimproved/Raw Land	☐	Unimproved/Raw Land	☐
Agriculture	☐	Agriculture	☐
<u>Vacant</u>	☒		

To the best of your knowledge, what are the current and past uses of the adjoining properties?

Adjoining Property	Current Owner	Use	Past Owner	Use
North:				
South:				
East:				
West:				

Question	Owner/Property Representative			Observed During Site Visit		
Is the property used for an industrial use?	YES	NO	UNK	YES	<u>NO</u>	UNK
Is any <i>adjoining</i> property used for an industrial use?	YES	NO	UNK	<u>YES</u>	NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	YES	NO	UNK	<u>YES</u>	NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used for an industrial use in the past?	YES	NO	UNK	<u>YES</u>	NO	UNK
Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	<u>NO</u>	UNK

Question	Owner/Property Representative			Observed During Site Visit		
Is any <i>adjoining</i> property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	NO	UNK
Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gallons (19 Q) in volume or 50 gallons (190 Q) in the aggregate, stored on or used at the property or at the facility?	YES	NO	UNK	YES	NO	UNK 1-55 gal drum ter? in Eastmill
Did you observe evidence or do you have any prior knowledge that there have previously been any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gallons (19 L) in volume or 50 gallons (19 L) in the aggregate, stored on or used at the property or at the facility?	YES	NO	UNK	YES	NO	UNK 2006 Phase I ESA
Are there currently any industrial drums (typically 55 gallons (208 Q)) or sacks of chemicals located on the property or at the facility?	YES	NO	UNK	YES	NO	UNK See above
Did you observe evidence or do you have any prior knowledge that there have previously been any industrial drums (typically 55 gallons (208 L)) or sacks of chemicals located on the property or at the facility?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	YES	NO	UNK	YES	NO	UNK

Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	YES	NO	UNK	YES	NO	UNK
Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	NO	UNK	YES	NO	UNK
Is there currently any stained soil on the Property?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there has previously been any stained soil on the property?	YES	NO	UNK	YES	NO	UNK
Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any registered or unregistered storage tanks (above or underground) located on the property?	YES	NO	UNK	YES	NO	UNK
Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from or adjacent to any structure located on the property?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	YES	NO	UNK	YES	NO	UNK
Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odor, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	YES	NO	UNK	YES	NO	UNK
Did you observe evidence or do you have any prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	YES	NO	UNK	YES	NO	UNK

If the property is served by a private well or non-public water system, is there evidence or do you have any prior knowledge that contaminants have been identified in the well or system that exceeded guidelines applicable to the water system?	YES	NO	UNK	YES	NO	UNK
				NA		
If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	YES	NO	UNK	YES	NO	UNK
				NA		
Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification related to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<u>NO</u>	UNK
Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	YES	NO	UNK	<u>YES</u>	NO	UNK
				Previous Environmental Reports		
Has the owner or occupant of the facility been informed of the current existence of hazardous substance or petroleum products with respect to the property or any facility located on the property?	YES	NO	UNK	<u>YES</u>	NO	UNK
				See Above		
Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<u>NO</u>	UNK
Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<u>NO</u>	UNK
Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property, or recommended further assessment of the property?	YES	NO	UNK	<u>YES</u>	NO	UNK
Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	YES	NO	UNK	YES	<u>NO</u>	UNK
Does the property discharge wastewater (not including sanitary waste or stormwater) onto or adjacent to the property and/or into a stormwater system?	YES	NO	UNK	YES	<u>NO</u>	UNK

Does the property discharge wastewater (not including sanitary waste or stormwater) onto or adjacent to the property and/or into a sanitary sewer system? YES NO UNK YES NO UNK

Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the property? YES NO UNK YES NO UNK

Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? YES NO UNK YES NO UNK

The Owner Questionnaire was completed by:

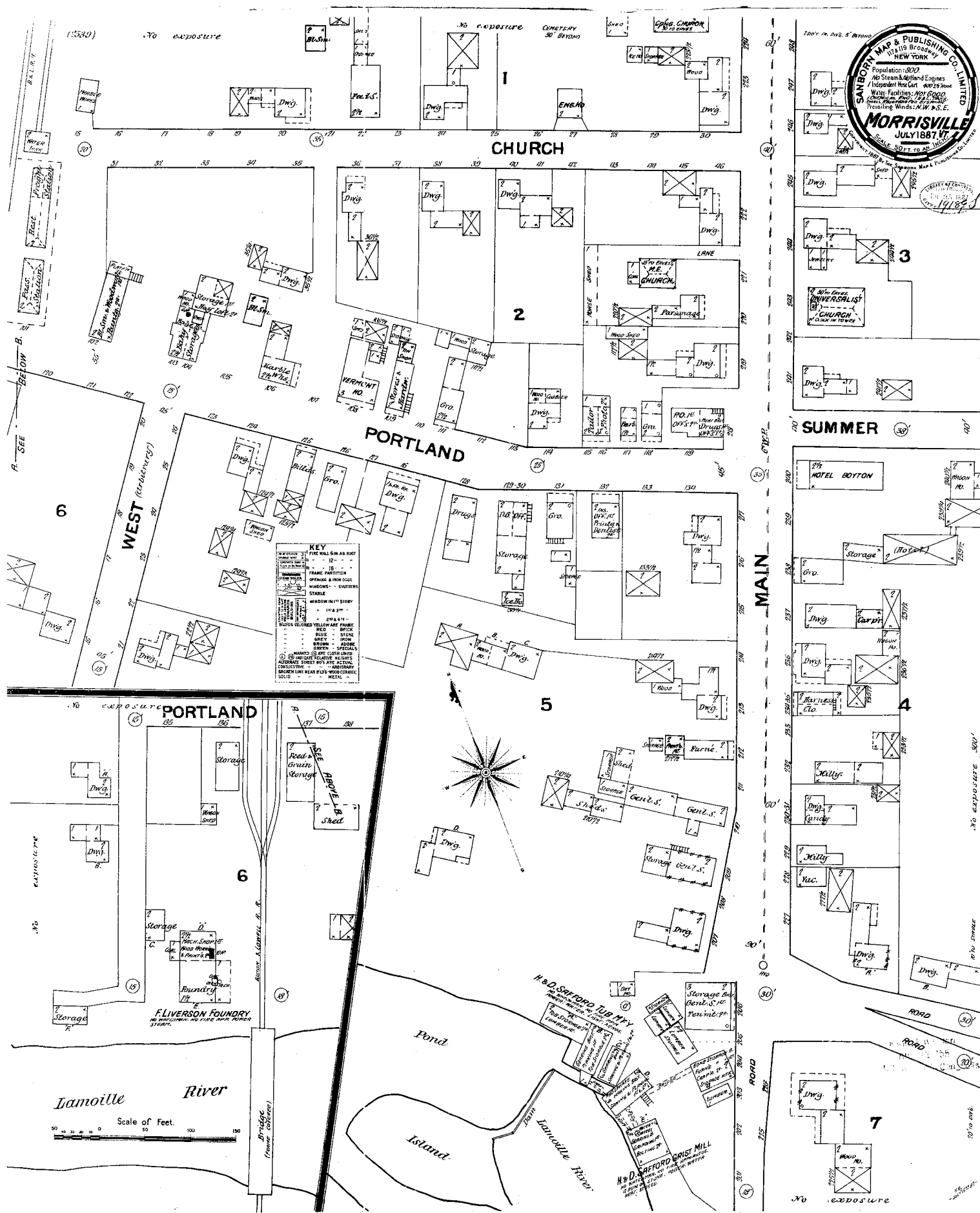
Name: _____ Address: _____
Title: _____ Phone Number: _____
Firm: _____ Date: _____

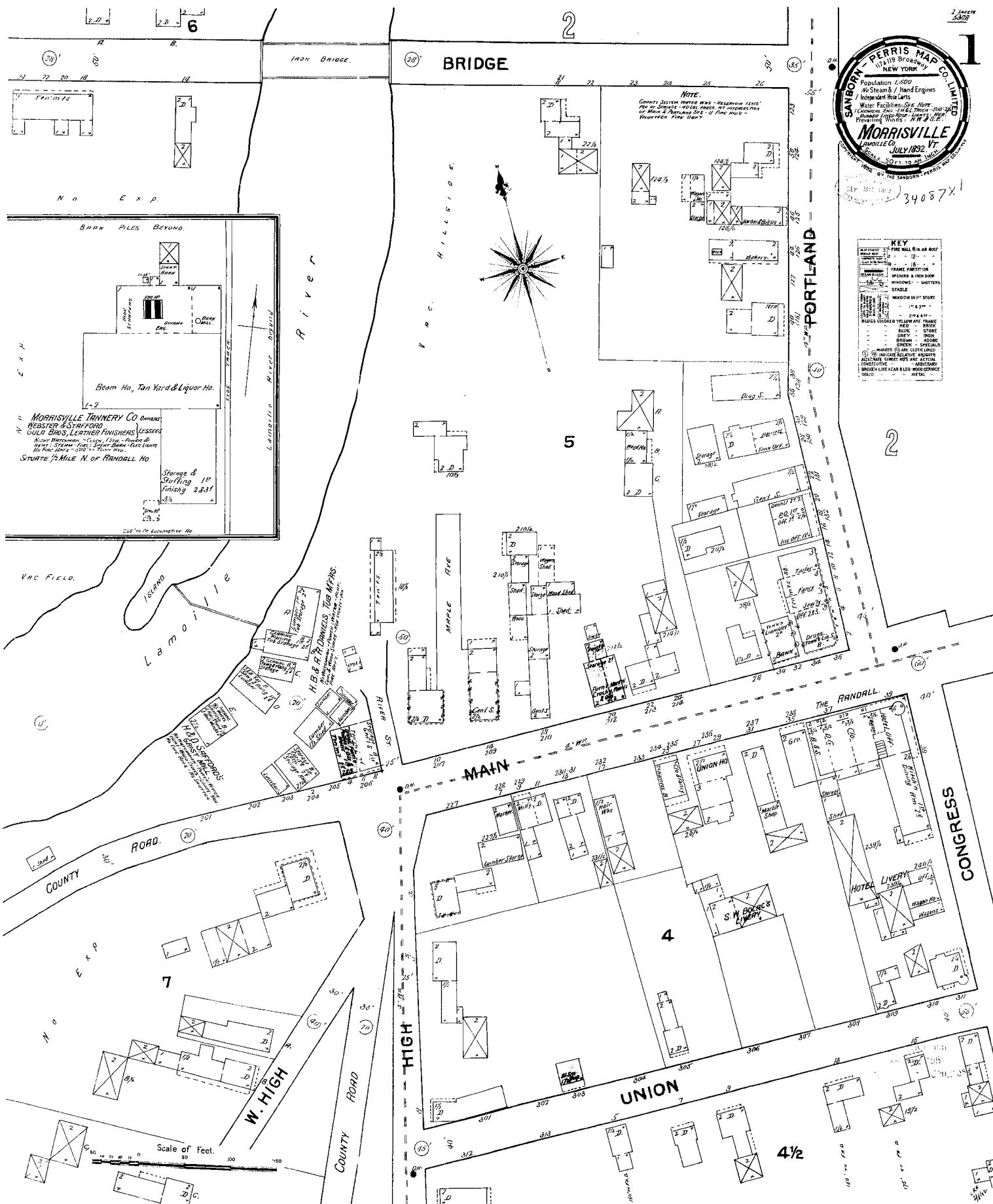
The Site Visit Questionnaire was completed by:

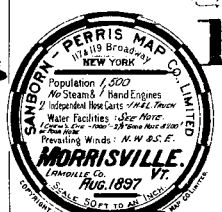
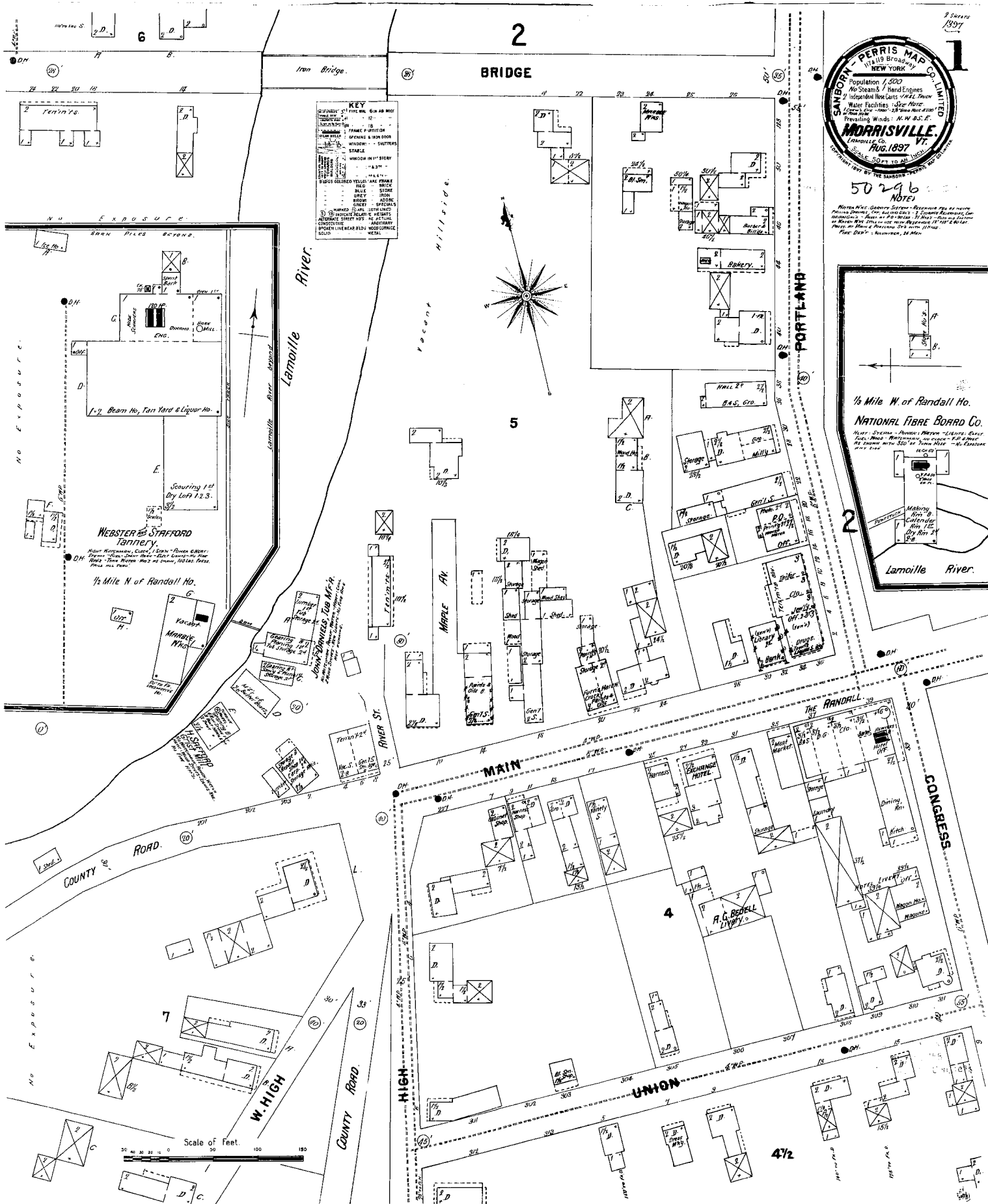
Name: Kevin McAleer Address: 98 S. Main Street, Wethersbury, VT
Title: Geologist Phone Number: 802-244-5051
Firm: Weston & Sampson Date: 10/26/10

Appendix C

Historical Sanborn Maps & ANR Locator Maps

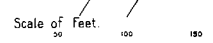
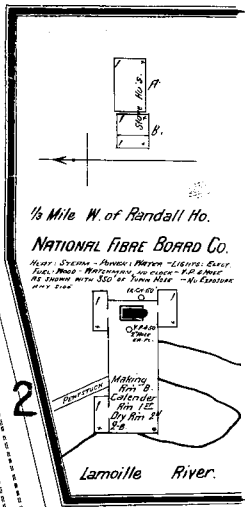


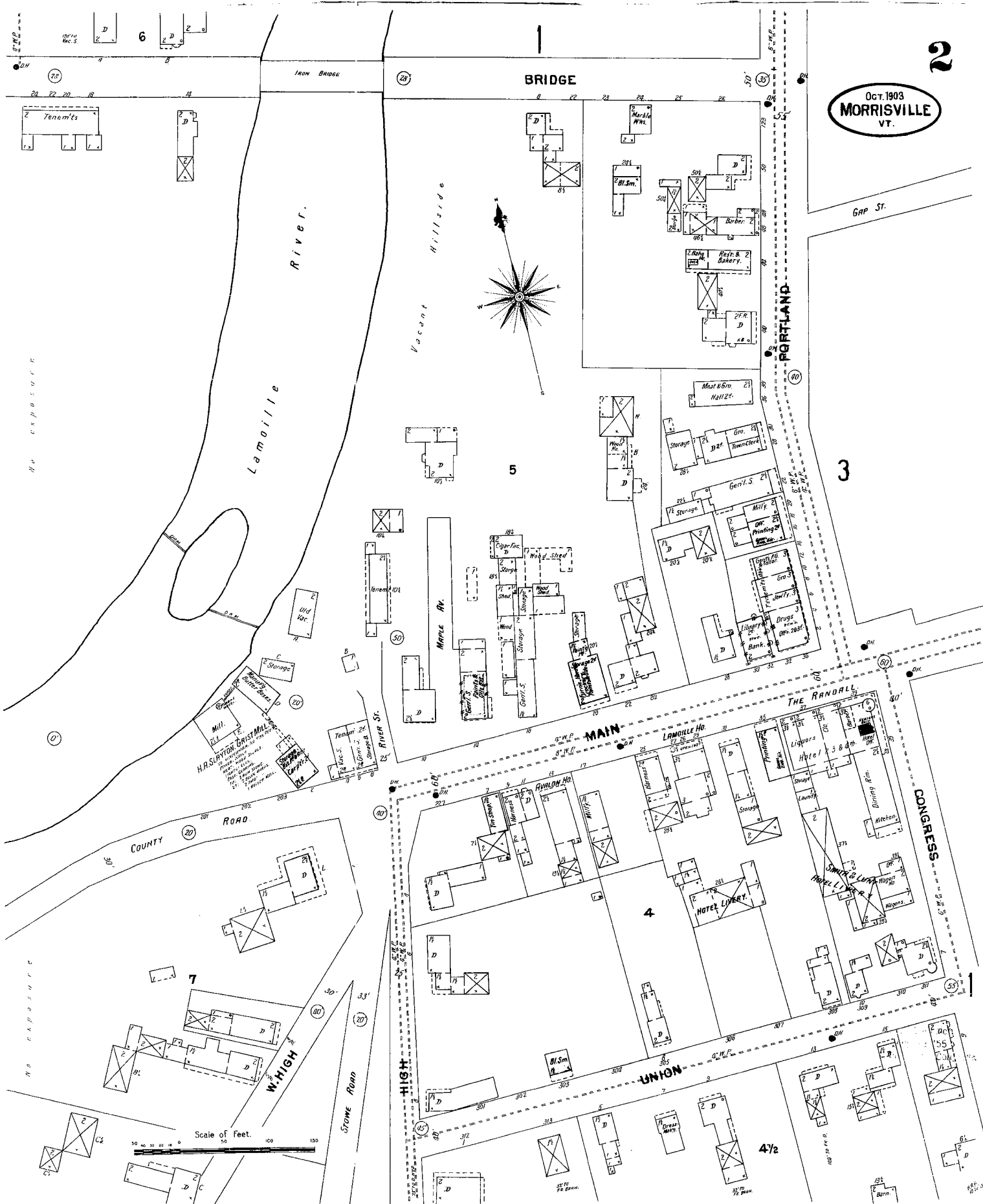




50296

NOTE: Water Works, Gravity System - Reservoir No. 10, near...
Population 1,300
No. Steam & Hand Engines
Independent Water Works
Water Facilities 1300 Acres
...
Prevalent Winds: N.W. & S.E.
Scale: 5000 ft. to 1 in.

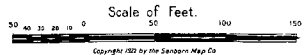




OCT. 1903
MORRISVILLE
VT.

Scale of Feet.
0 50 100 150

MAY 1922



2

2

Nov. 1928
MORRISVILLE
VT.

Lamoille River

BRIDGE

HUTCHINS (GAP)

BRIGHAM

PORTLAND

PLEASANT

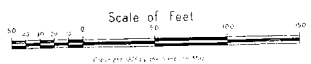
COUNTY RD

MAIN

THE RANDALL HOTEL

CONGRESS

UNION



2

2

VT. 508

Nov. 1928
MORRISVILLE
VT.

Lamoille River

BRIDGE

HUTCHINS (GAP)

BRIGHAM

PORTLAND

PLEASANT

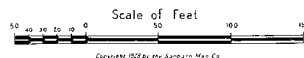
MAIN

THE R. ORILL HOTEL

CONGRESS

UNION

5





Sanborn Map Abbreviations

“Linking technology with tradition”®



Abbreviation

Meaning

A	Automobile (usually designates the location of a garage)
A in B	Automobile located in basement
A S	Automatic sprinkler
Abv	Above
ACS	Automatic chemical sprinkler
AFA	Automatic fire alarm
Agr	Agricultural
Appts	Apparatus
Apts	Apartments
Asb Cl	Asbestos clad
Att'd	Attended
Aud'it'm	Auditorium
Auto Ho	Automobile house, or garage
B	Basement, boiler or occasionally brick
B&S	Boots and shoes
BPOE	Benevolent & Protective Order of Elks
B Sm	Blacksmith
B'ld'g	Building
B'lr.	Boiler
B's't	Basement
Bak'y	Bakery
Balc	Balcony
Bap	Baptist
Bbl	Barrel
Bbls	Barrels
BE	Brick enclosed elevator
Bill'ds	Billiards
Bl Sm	Blacksmith
Blk Sm	Blacksmith
Bst	Basement
C B	Cement brick or concrete block construction
C Br	Concrete brick or cement block construction
Cap'cy	Capacity
Carp'tr	Carpenter
CBET	Concrete enclosed elevator with traps
Chem	Chemical
Chinaw	Chinaware or porcelain
Chine	Chinese
Cl	Clad
Clo	Clothing
Co	Company
Comp	Composition construction (i.e. stucco) or compressor
Conc	Concrete
Conf'y	Confectionary (candy store)
Confec'y	Confectionary (candy store)
Constr'n	Construction
Corp'n	Corporation
D	Dwelling
DH	Double (fire) hydrant
DG	Dry goods
Drs	Doctor's office
Dwg	Dwelling
E	Open elevator
E Fl	Each Floor
El	Electric
Elec	Electrician
Eng	Engine
Ent	Entertainment
Episc'l	Episcopal
ESC	Elevator with self-closing traps
ET	Elevator with traps
Exch	Telephone exchange
Expr	Express (as used to designate a delivery service)
F	Flat (as used to designate a delivery service)
FA	Fire alarm
FE	Fire escape
F Pump	Fire pump
Fill'g Sta	Filling station, or gas station
Fl	Floor
Fr Attic	Frame constructed attic
Frat	Fraternity
Fur	Furnishings
Furn'g	Furnishings
Furne	Furniture
GAR	Grand Army of the Republic
GT	Gasoline tank
Gal	Gallery
Gall	Gallery
Gall'y	Gallery
Gen'l	General (as used to designate a general store)
Gents	Gentlemen's
Greas'g	Greasing
Gro	Grocery or groceries

Abbreviation

Meaning

HPFS	High pressure fire service
H'dw	Hardware
Hack	Hackney or delivery service
Hardw	Hardware
Ho	Hotel or house (as used to designate a warehouse)
Htr	Heater
Hyd	Hydrant
ICRR	Illinois Central Railroad
Imp	Implements
Ins	Insurance
Insts	Instruments
Ir Cl	Iron clad
K of C	Knights of Columbus
Lab	Laboratory
Lodg'g	Lodging
Luth	Lutheran
Luth'n	Lutheran
ME	Methodist Episcopal
Mach'y	Machinery
Mak'r	Maker
Manf'y	Manufactory or factory
Mdse	Merchandise
Mfy	Manufactory or factory
Mill'y	Millinery
Mkg	Making
Mo	Motor
NS	Not sprinklered
OU	Open under
Off	Office
PO	Post office
Paint'g	Painting
Pat Med	Patent medicines
Plumb'g	Plumbing
Print'g	Printing
QH	Quadruple (fire) hydrant
RC	Roman Catholic
R'f	Roof
R'm	Room
Rep	Repair
Rep'g	Repairing
Repos'ry	Repository
Restr't	Restaurant
Rf	Roof
Rm	Room
S	Store
SA	Spark arrestor
S Vac	Store portion of building is vacant
Sal	Saloon
Sky'ts	Skylights
Sm	Smith, as in gunsmith or blacksmith
Sm Ho	Smokehouse
Sp'kTrs	Sprinklers
St'ge	Storage
St'y	Story
Sta	Station
Stat'y	Stationery
TH	Triple (fire) hydrant
Tel	Telephone
Tenem'ts	Tenements
TESC	Tile enclosed elevator with self-closing traps
Tinw	Tinware
Trimm'g	Trimming
U	Upright
Up	Upright
VP	Vertical pipe
Vac	Vacant
Ven'd	Veneered
Ven'r'd	Veneered
W	Ware, as in warehouse or wareroom
WC	Water closet or toilet
WG	Wire glass skylights
W Ho	Warehouse
WPA	Works Progress Administration
W'ks	Works
Whol	Wholesale
Wkg	Working
Woodwkg	Woodworking

Environmental Data Resources Inc.

The Standard in Environmental Risk Information.

phone: 800.352.0050 • fax: 800.231.6802 • web: www.edrnet.com



Sanborn Map Legend

“Linking technology with tradition”®



TILE 1 st BRICK 1 st PYROBAR 1 st	Fire proof construction (OR FIRE RESISTIVE CONST'N)
ADOBE	Adobe building
HEIGHT OF BUILD- ING IN FEET FROM GROUND TO ROOF LINE	Stone building
(C.BR.)	Concrete, lime, cinder or cement brick
(C.B.)	Hollow concrete or cement block const'n
(CONC.)	Concrete or reinforced concrete const'n
(TILE)	Tile building
NUMBER OF STORIES	Brick building with frame cornice
TWO STORIES AND BSMT COM- POSITION ROOF	Brick building with stone front
SHINGLE ROOF	Brick building with frame side (DIVIDED BY FRAME PARTITION)
(VEN'D)	Brick veneered building
BRICK 1 ST	Brick and frame building
FRAME, BRICK LINED	Frame building, brick lined
F = FLAT S = STORE	Frame building, metal clad
D = DWELLING	Frame building
A in B = AUTO. IN BSMT	Iron building
LOFT	Tenant building occupied by various manufac- turing or occupancies
(ASB.CL.)	Frame building covered with asbestos
NON COMBUSTIBLE ROOF COVERING OF METAL, SLATE, TILE OR ASBESTOS SHINGLES	Brick building with brick or metal cornice
SKYLIGHT LIGHTING TOP STORY ONLY	Fire wall 6 inches above roof
SKYLIGHT LIGHTING THREE STORIES	Fire wall 12 inches above roof
WIRED GLASS SKYLIGHT	Fire wall 18 inches above roof
	Fire wall 36 inches above roof
	Fire wall 48 inches above roof

	4 2 1/2 2
---	--

Fire proof construction
(OR FIRE RESISTIVE CONST'N)

Adobe building

Stone building

Concrete, lime, cinder or cement brick

Hollow concrete or cement block const'n

Concrete or reinforced concrete const'n

Tile building

Brick building with frame cornice

Brick building with stone front

Brick building with frame side
(DIVIDED BY FRAME PARTITION)

Brick veneered building

Brick and frame building

Frame building, brick lined

Frame building, metal clad

Frame building

Iron building

Tenant building occupied by various manufac-
turing or occupancies

Frame building covered with asbestos

Brick building with brick or metal cornice

Fire wall 6 inches above roof

Fire wall 12 inches above roof

Fire wall 18 inches above roof

Fire wall 36 inches above roof

Fire wall 48 inches above roof

Figures 8,12,16 indicate thickness of wall in inches

Wall without opening and size in inches

Wall with openings on floors as designated

Opening with single iron or tin clad door

Opening with double iron or tin clad doors

Opening with standard fire doors

Openings with wired glass doors

WATER TANK

Drive or passage way

Stable

Auto. (House or private garage)

Solid brick with interior walls of
C.B. or C.B. and brick mixed

C.B. & BR. CONST'N

Mixed construction of C.B.
and brick with one wall of
solid brick.

C.B. & BR. CONST'N
(BR. FACED)

Mixed construction of C.B.
and brick with one wall faced
with 4" brick.

C.B. & BR. CONST'N

Mixed construction of C.B.
and brick throughout.

6" W.P.I.P.E Water pipes and size in inches.

6" W.P.I.P.E (PRIVATE) Water pipes of private supply

House numbers shown nearest to
buildings are official or actually
up on buildings.

Old house numbers shown fur-
thest from buildings.

FP-1962
(conc.)
A-1-a

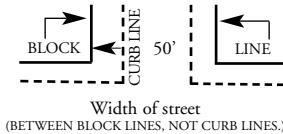
A fire-resistive building built in
1962 with concrete walls and
reinforced concrete frame, floors
and roof.

FPX-1962
(METAL PANELS)
E-2-b
NONCOMB CEIL'G

A fire-resistive building built in
1962 with metal panel walls, indi-
rectly protected steel frame, con-
crete floors and roof on metal
lath, noncombustible ceilings.

NC-1962
(C.B.)
H-2-d

A noncombustible building built
in 1962 with concrete block walls;
unprotected steel columns and
beams; concrete floors on metal
lath and steel deck roof.



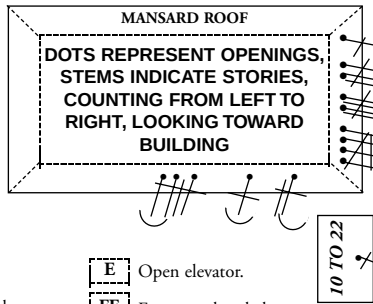
Width of street
(BETWEEN BLOCK LINES, NOT CURB LINES.)

Reference to adjoining page.

Fire engine house, as shown on key map.

Fire pump.

Under page number refers to
corresponding page of previous edition.



Window opening in
first story.

Window openings in
second and third stories.

Window openings in
second, fourth stories.

Windows with wired
glass.

Windows with iron or
tin clad shutters.

Window openings tenth
to twenty-second stories

Open elevator.

Frame enclosed elevator.

Frame enclosed elevator with traps.

Frame enclosed elevator with self closing traps.

Concrete block enclosed elevator with traps.

Tile enclosed elevator with self closing traps.

Brick enclosed elevator with wired glass door.

Block
number.

V.P Vertical pipe or
stand pipe.

Automatic fire alarm.

Independent electric
plant.

Automatic sprinklers.

Automtc. chemical sprinklers.

Automatic sprinklers in part of
building only.
(NOTE UNDER SYMBOL INDICATES
PROTECTED PORTION OF BUILDING)

Not sprinklered.

Outside vertical pipe on fire escape.

Fire alarm box.

Single hydrant.

Double hydrant.

Triple hydrant.

Quadruple hydrant of the "High Pressure Fire
Service."

Fire alarm box of the "High Pressure Fire
Service"

Water pipes of the "High Pressure Fire
Service"

Water pipes and hydrants of the "High
Pressure Fire Service" as shown on key map.

IR. CH.

Iron chimney

Iron chimney

(WITH SPARK
ARRESTOR)

Brck. chmny.

Ground ele-
vation

Vertical
steam boiler

Gasoline tank

Open under

Siamese fire
dept.
connection

Single fire
dept. connec-
tion.

CODING OF STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING

CODE	STRUCTURAL UNIT
A.	Reinforced Concrete Frame.
B.	Reinforced Concrete Joists, Columns, Beams, Trusses, Arches, Masonry Piers.
C.	Protected Steel Frame.
D.	Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.
E.	Indirectly Protected Steel Frame.
F.	Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.
G.	Unprotected Steel Frame.
H.	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.
O.	Masonry Bearing Walls.

The coding for framing, floor and roof structural units as shown above is used in describing the construction of fire-resistive buildings. In addition, reports for fire-resistive buildings will show the date built and wall construction when other than brick.

FP buildings have masonry floors and roof; concrete and/or directly or indirectly protected steel framing; and clay brick, stone or poured concrete walls.

FPX buildings are FP buildings with inferior walls such as concrete block, cement brick, metal or glass panels, etc.

NC buildings have unprotected steel framing and fire-resistive but non-masonry floors and roof.

FLOORS

CODE	STRUCTURAL UNIT
1.	Reinforced Concrete.
2.	Reinforced Concrete with Masonry Units. Pre-cast Concrete or Gypsum Slabs or Planks. Concrete on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
3.	Open Steel Deck or Grating.

LAND USE CODE APPLICABLE TO CHANGES DIAGRAMMED AFTER 5/69

R	RESIDENTIAL
RT	RESIDENTIAL-TRANSIENT
C	COMMERCIAL
W	WAREHOUSE

M	MANUFACTURING
P	PUBLIC OR INSTITUTIONAL
U	UTILITY
T	TRANSPORTATION

NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

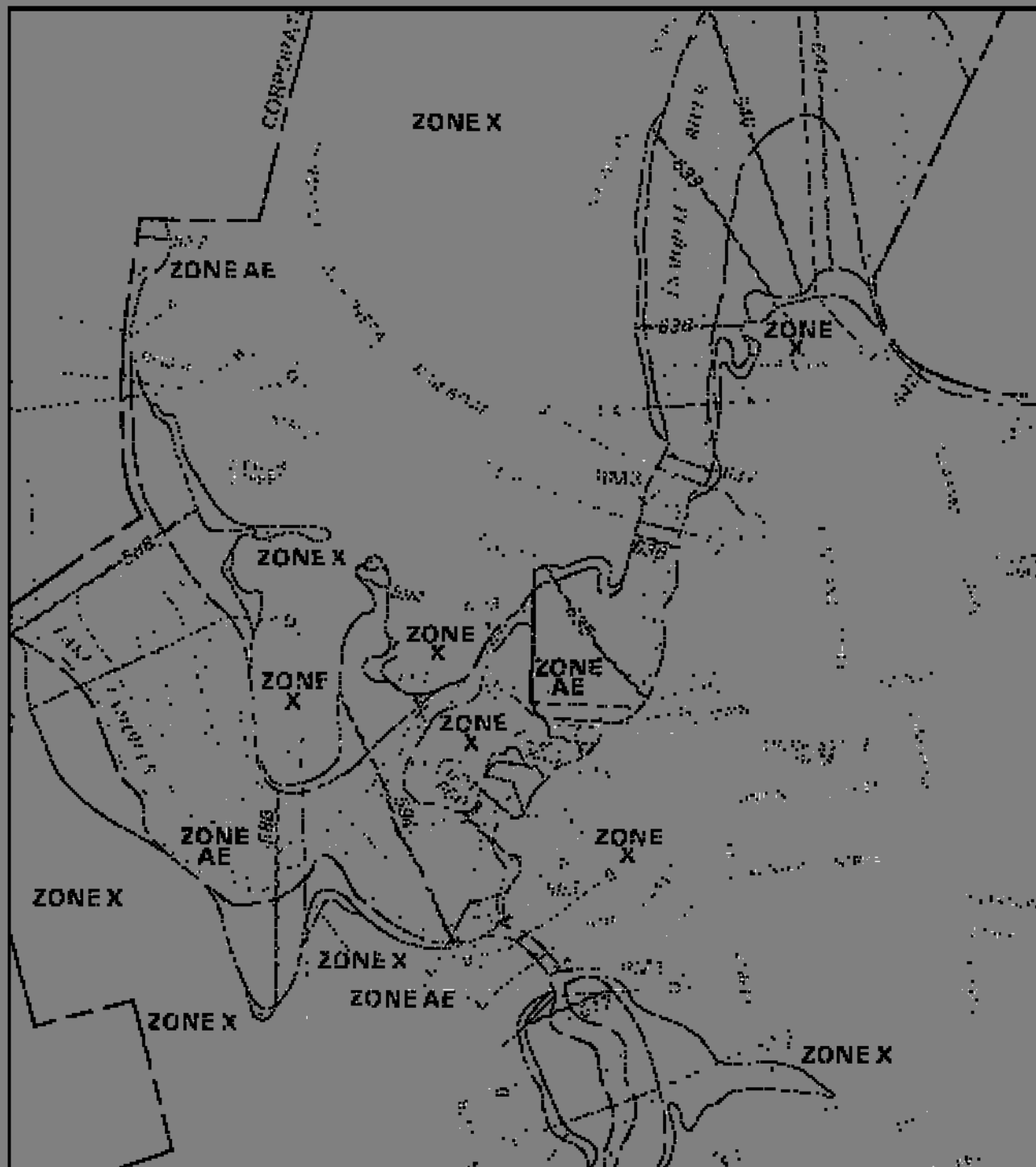
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ROOF

CODE	STRUCTURAL UNIT
a.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Reinforced Gypsum Concrete. Pre-cast Concrete or Gypsum Slabs or Planks.
b.	Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
c.	Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
d.	Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.

EDR Inc.

800.352.0050
www.edrnet.com



APPENDIX A: DATA SCALE

2000年12月15日

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP and STREET INDEX

VILLAGE HP
MORRISVILLE,
VERMONT
LAMODIER COUNTY

ONLY PANEL PRINTER

COMMUNITY-PANEL NUMBER
5CQ065 DEC C

MAP REVISED:
JUL 2, 1983



Federal Emergency Management Agency |

Figure 1 illustrates the relationship between the different types of information that are available to the decision maker. The information is divided into two main categories: *Internal Information* and *External Information*. *Internal Information* is further divided into *Personal Information* and *Organizational Information*. *External Information* is further divided into *Market Information* and *Competitor Information*. The diagram shows how these categories interact and influence the decision-making process.



ANR Environmental Interest Locator

Vermont Agency of Natural Resources (ANR)



Legend

- Brownfields
- Hazardous Waste Site
- Hazardous Waste Site Generator
- Underground Storage Tank
- Roads
 - US Highway
 - Vermont State Highway
 - Class One
 - Class Two
 - Legal Trail
 - Emergency U-Turn Area
 - Proposed Class Two
 - Proposed Class Three
 - Proposed Vermont State Highway
 - Proposed US Highway
 - Proposed Interstate
 - Discontinued Interstate
 - Class Three
 - Class Four
 - State/National Forest Highway
 - Military Road (No Public Access)
 - Private Road
- Wetland Advisory Layer: Class 3 Wetlands
- VSWI
 - Class 1 Wetland
 - Class 2 Wetland
 - Rare, Threatened, and Endangered Species
- Threatened or Endangered
 - Rare (Not T or E)
- Significant Natural Communities
 - Palustrine
 - Terrestrial
 - SurfaceWaterSPA
 - GroundWaterSPA
 - Class IV Groundwater SPA
 - Hydrography (VHD 5k)
 - Deer Wintering Areas
 - Indiana Bat Hibernacula By Town
 - Indiana Bat Summer Range By Town
- Observed
 - Potential
- VT County Boundary
- Hydric Soils
 - Hydric Soils
- VT Town Boundaries (No Fill)
- NAIP Color Orthophotos 2009
- VT State Boundary (Fill)

VT State Plane Meters (NAD83)



Scale: 1:5,000

Map center: 491923, 229061

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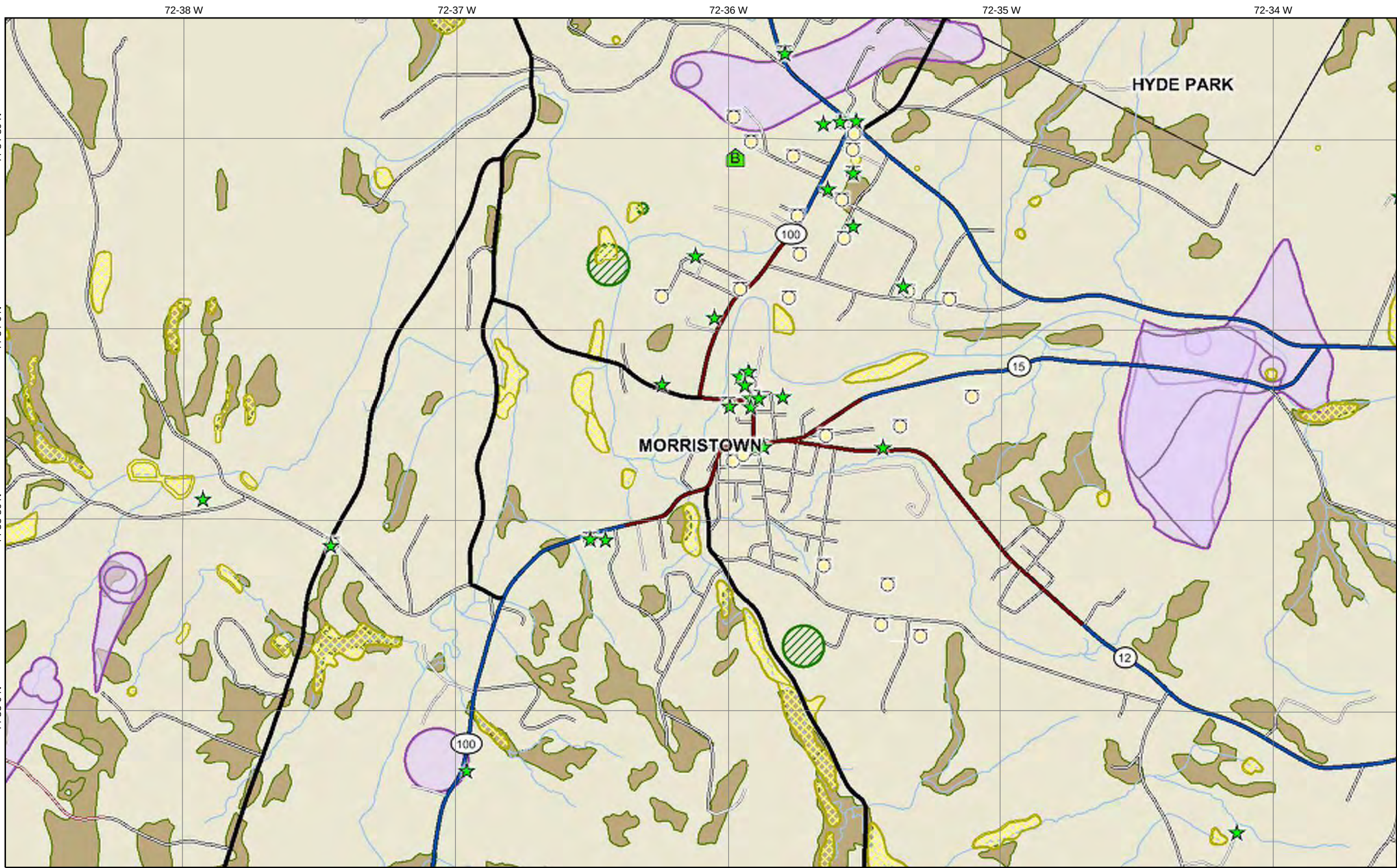
URL: http://maps.vermont.gov/imf/sites/ANR_NATRESViewer/jsp/launch.jsp

10/27/10



ANR Environmental Interest Locator

Vermont Agency of Natural Resources (ANR)



Legend

- Brownfields
- Hazardous Waste Site
- Hazardous Waste Site Generator
- Underground Storage Tank
- Roads
 - US Highway
 - Vermont State Highway
 - Class One
 - Class Two
 - Legal Trail
 - Emergency U-Turn Area
 - Proposed Class Two
 - Proposed Class Three
 - Proposed Vermont State Highway
 - Proposed US Highway
 - Proposed Interstate
 - Discontinued Interstate
 - Class Three
 - Class Four
 - State/National Forest Highway
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 - Private Road
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 - Class 2 Wetland
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 - Threatened or Endangered Rare (Not T or E)
- Significant Natural Communities
 - Palustrine
 - Terrestrial
 - SurfaceWaterSPA
 - GroundWaterSPA
 - Class IV Groundwater SPA
 - Hydrography (VHD 5k)
 - Deer Wintering Areas
 - Indiana Bat Hibernacula By Town
 - Indiana Bat Summer Range By Town
- Observed
 - Potential
 - VT County Boundary
 - Hydric Soils
 - VT Town Boundaries (No Fill)
 - VT State Boundary (Fill)

VT State Plane Meters (NAD83)



Scale: 1:20,000

Map center: 491923, 229061

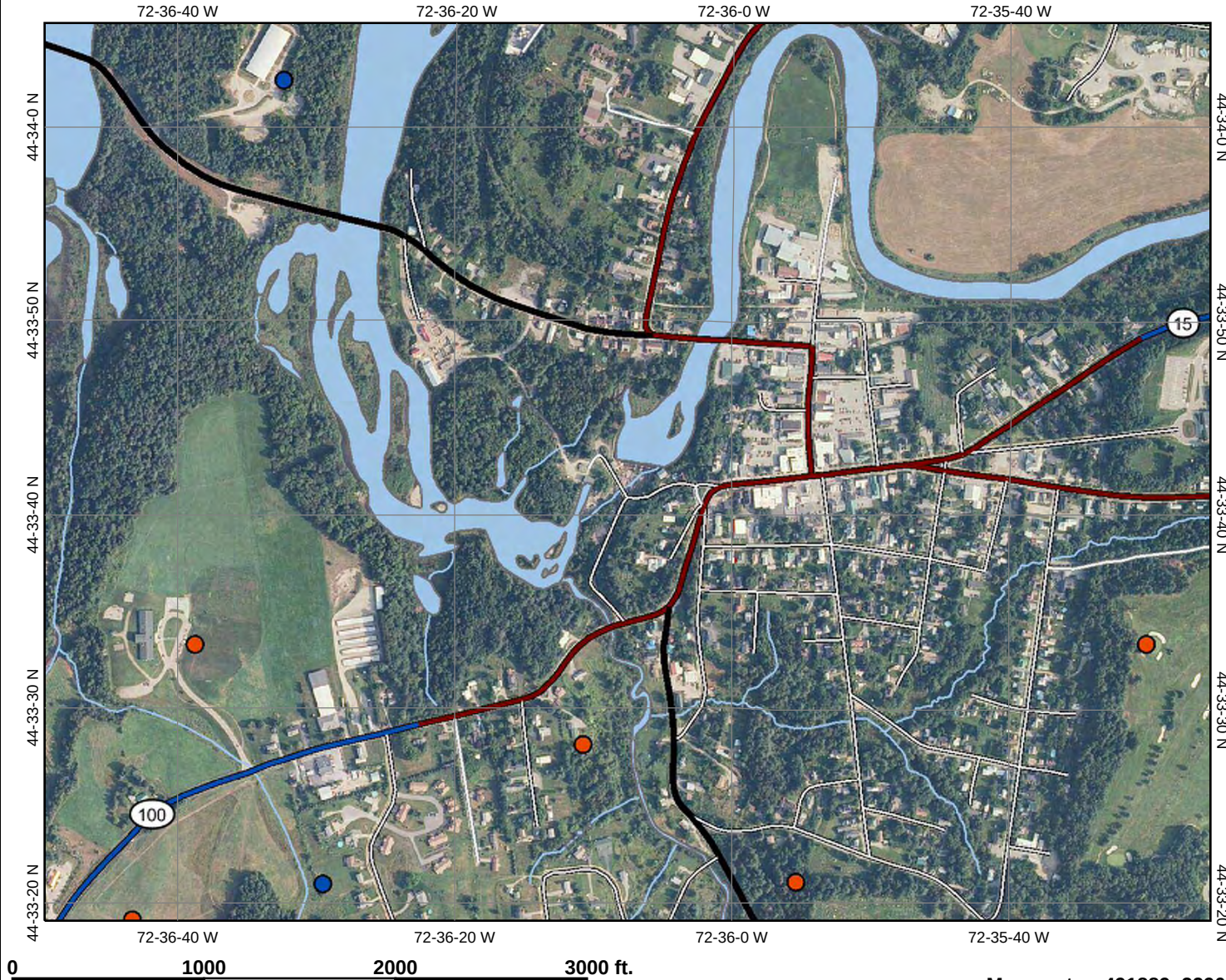
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URL: http://maps.vermont.gov/imf/sites/ANR_NATRESViewer/jsp/launch.jsp



ANR Well Locator

Vermont Agency of Natural Resources (ANR)



Legend

Private Wells

- E911 Address
- GPS location
- Welldriller/Clarion
- Screen Digitized

Roads

- US Highway
- Vermont State Highway
- Class One
- Class Two
- Legal Trail
- Emergency U-Turn Area
- Proposed Class Two
- Proposed Class Three
- Proposed Vermont State Highway
- Proposed US Highway
- Proposed Interstate
- Discontinued Interstate
- Class Three
- Class Four
- State/National Forest Highway
- Military Road (No Public Access)
- Private Road
- Hydrography Lakes and Ponds (VHD 5k)

Hydrography (VHD 5k)

NAIP Color Orthophotos 2009

VT State Plane Meters (NAD83)



Scale: 1:10,000

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. VCGI and the State of Vermont make no representations of any kind, including but not limited to the warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

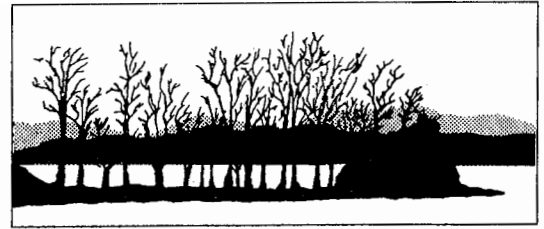
URL: http://maps.vermont.gov/imf/sites/ANR_WSWelldriller/jsp/launch.jsp

10/28/10

Appendix D

Previous Environmental Reports

Clay Point Associates, Inc.



October 31, 2005

Mr. Ken Bisceglia, CHMM
Weston & Sampson Engineers, Inc.
P.O. Box 189
Waterbury, Vermont 05676

Re: Plan for Asbestos, Lead-Based Paint and Fungal Growth Inspections
Morrisville Water & Light Site, A Street, Morrisville, Vermont

Dear Mr. Bisceglia:

On October 19, 2005, Clay Point Associates, Inc. (CPAI) accompanied you on a general walkthrough of the three (3) buildings known as the Morrisville Water & Light Department Site on A Street in Morrisville, Vermont. The Site includes Buildings #1 (southwest building), #2 (southeast building) & #3 (northernmost building).

At the time of our site visit, CPAI gathered information to allow for development of a specific plan for performance of asbestos, lead-based paint and fungal growth inspections. The following details this plan.

Asbestos

Prior to performance of renovation or demolition activities, a comprehensive asbestos inspection must be performed on/within the affected buildings. CPAI has reviewed the asbestos inspection report prepared July 11, 2003 by the Johnson Company, Inc. for two (2) of the three (3) buildings. This document provides useful information that does not require duplication. In some cases, however, additional samples from previously evaluated suspect asbestos materials should be collected/analyzed to ensure that documentable protocols have been met. In addition, certain suspect asbestos materials were identified on-site by CPAI that were not evaluated during the previous inspection. Representative samples from these materials should be collected/analyzed. Finally, no previous inspection documents exist for Building #3. Therefore, a comprehensive asbestos inspection must occur on/within this building.

Asbestos (cont.)

CPAI proposes to perform limited (Buildings #1 and #2) or comprehensive (Building #3) asbestos inspection activities of certain accessible suspect asbestos materials on/within the three (3) buildings. All CPAI consultants who will provide professional asbestos services will be properly certified and accredited according to the Vermont Regulations for Asbestos Control (VRAC) and 40 CFR Part 763, Asbestos Containing Materials in Schools; Final Rule and Notice (EPA/ AHERA). Documentation of our inspection activities will be recorded on standard CPAI forms. Standard CPAI conduct and protocols will be implemented. Our on-site inspection work will begin on the Lower Level of each building. CPAI consultants will begin meticulous inspection of every surface and item within a specific room or area. Each room or area will be assigned a unique CPAI Area Number as the inspection progresses. All suspect asbestos materials will be identified. Suspect asbestos materials are known to be any building material that is not rubber, wood, fiberglass, or metal. The quantity of each suspect asbestos material will then be determined and recorded. This activity will then be duplicated on each floor of each building and on the exterior of each building.

A general summary of suspect materials to be evaluated includes the following. This is a general list developed from our October 19, 2005 walkthrough. The specific on-site inspection activity will likely necessitate slight modification of the suspect material summary and will allow for more specific description of each suspect material.

Building #1 (limited inspection)

Wall/Ceiling Plaster (additional samples)
Asphalt Based Patching Material (in barrel, spilled onto floor)
Masonite (loose piece, 2nd Floor)
Pipe Coating Material (loose piece, 2nd Floor)
Felt Papers/Roofing Shingles (additional samples, multiple layers)
Window Glazing
Miscellaneous Multi Layered Material (on reels in Attic)
Asphalt Based Patching Material (2nd Floor)
Electrical Wiring Insulation (associated w/ abandoned equipment)
(approximately sixteen (16) samples total)

Asbestos (cont.)

Building #2 (limited inspection)

Backer Board Material (loose piece, 2nd Floor)
Felt Papers (exterior)
Window Glazing
Electrical Wiring Insulation
Miscellaneous Paper Materials (interior walls and debris piles)
(approximately fourteen (14) samples total)

Building #3 (comprehensive inspection)

Asphalt Based Patching Material (exterior)
Felt Papers/Roofing Shingles (multiple layers)
Window Glazing
Electrical Wiring Insulation
Miscellaneous Paper Material (interior walls)
(approximately ten (10) samples total)

Upon completion of suspect material identification and quantification, CPAI will collect representative bulk samples for asbestos content analysis. Specific sampling will be conducted in accordance with 40 CFR Part 763, Asbestos Containing Materials in Schools; Final Rule and Notice (AHERA). AHERA defines specific quantities of samples to be collected for all suspect asbestos thermal system insulation (TSI), surfacing material (Surf) and miscellaneous material (Misc). Suspect surfacing materials will be sampled in accordance with protocols recommended in the EPA publication "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials" (known as the pink book).

After completion of representative bulk sample collection, all bulk samples will be logged onto standard forms (including chain of custody) and shipped for asbestos content analysis. All samples will be analyzed by Polarized Light Microscopy (PLM) (Visual Estimation Method) according to EPA Method 600/M4-82-020. Identification of asbestos by PLM is based on optical crystallographic properties, and gives a qualitative differentiation between types of asbestos and other fibrous materials. It also allows for a quantitative estimate of percent asbestos using EPA approved methods. Samples reported to contain less < 1% asbestos will be reanalyzed by the PLM "Point Count" Method in accordance with EPA guidelines. PLM analysis will be performed using primary and secondary ordering. Therefore, analysis will only occur until one positive sample is read for each homogeneous material.

Asbestos (cont.)

Bulk sample analysis will be performed by EMSL Analytical, Inc. (EMSL) of Cambridge, Massachusetts. EMSL and its analysts are certified in accordance with the Vermont Regulations for Asbestos Control (VRAC). EMSL is also an accredited analytical service under the National Voluntary Laboratory Accreditation Program (NVLAP). EMSL is an independent analytical service. Therefore, there will be no potential conflict of interest relative to the results of asbestos bulk sample analysis.

EMSL will provide CPAI with a written report of asbestos bulk sample analysis. CPAI will utilize this analysis report to compile our report of asbestos inspection activity (one report per building). The asbestos inspection reports will detail all pertinent information related to the on-site inspection activity. Floor plans detailing each CPAI Area Number will be included in the reports. The reports will also include an inventory of asbestos bulk sample analysis (including name of suspect material, sample number, lab id number, specific location of bulk sample collection points and results of PLM analysis). The reports will also include an inventory of asbestos containing materials. The inventory will provide a room by room summary of asbestos materials confirmed or assumed to be present (including description of the room or area, name of asbestos material, specific quantity of material, and specific location of each material). The reports will also include copies of the bulk sample analysis report and certification/accreditation documents for CPAI and EMSL.

Lead-Based Paint

Prior to performance of renovation or demolition activities, a comprehensive lead-based paint inspection must be performed on/within the affected buildings. CPAI has reviewed the lead-based paint inspection report prepared July 11, 2003 by the Johnson Company, Inc. for two (2) the three (3) buildings. This document provides useful information that does not require duplication. In some cases, however, additional paint chip samples from previously evaluated coatings should be collected/analyzed to ensure initial results. In addition, certain coatings were identified on-site by CPAI that were not evaluated during the previous inspection. Representative samples from these coatings should be collected/analyzed. Finally, no previous inspection documents exist for Building #3. Therefore, a comprehensive lead-based inspection must occur on/within this building.

Lead-Based Paint (cont.)

CPAI will perform limited (Buildings #1 and #2) or comprehensive (Building #3) lead-based paint inspections of painted/stained surfaces on/within the three (3) buildings. All CPAI consultants who will provide professional lead-based paint consulting services on your behalf will be properly certified in accordance with the Vermont Regulations for Lead Control. Documentation of our inspection activities will be recorded on standard CPAI forms. Standard CPAI conduct and protocols will be implemented. The CPAI consultant will begin meticulous inspection of every component and surface within a specific room or area. Each room or area will be assigned the same unique CPAI Area Number as detailed in the asbestos inspection section of this plan. All painted/stained surfaces will be evaluated. Carpeting, linoleum, vinyl tile, wallpaper, paneling or other non-painted surfaces will not be evaluated. This activity will then be duplicated on each floor of each building and on the exterior of each building.

All paint chip sample collection will be performed in accordance with the Vermont Regulations for Lead Control (VRLC). After completion of representative paint chip sample collection, all samples will be logged onto standard forms (including chain of custody) and shipped for lead analysis. All samples will be analyzed according to EPA Method 3050B/7420. Paint chip sample analysis will be performed by Schneider Laboratories Incorporated (SLI) of Richmond, Virginia. SLI is certified in accordance with the VRLC. SLI is an independent analytical service. Therefore, there will be no potential conflict of interest relative to the results of paint chip sample analysis.

SLI will provide CPAI with a written report of paint chip sample analysis. CPAI will utilize this analysis report to compile our report of lead paint chip sample collection/analysis (one report per building). The reports will detail all pertinent information related to the on-site paint chip sampling activity. Floor plans detailing each CPAI Area Number will be included in the reports. The reports will include a lead-based paint chip sample analysis inventory (including sample number, sample description, specific location of sample collection point and results analysis). The reports will also include copies of the sample analysis report and certification/accreditation documents for CPAI and SLI.

A general summary of coatings to be evaluated includes the following. This is a general list developed from our October 19, 2005 walkthrough. The specific on-site inspection activity will likely necessitate slight modification of the coating summary and will allow for more specific description of each coating.

Lead-Based Paint (cont.)

Building #1 (limited inspection)

Exterior, Siding (red) (additional samples)
Exterior, Trim (white) (additional samples)
First Floor, Ceiling (white) (additional samples)
First Floor, Built-In Structure (white and grey)
(approximately eight (8) samples total)

Building #2 (limited inspection)

Exterior, Siding (red) (additional samples)
Exterior, Large Door, Threshold (red)
(approximately three (3) samples total)

Building #3 (comprehensive inspection)

Exterior, Siding (red)
Exterior, Trim (red)
Interior, Wall (white)
Interior, Wall (green)
Interior, Door (red)
(approximately ten (10) samples total)

Fungal Growth

There are no previous report documents for the Site related to fungal growth. CPAI will perform an investigation of accessible surfaces for visible fungal growth on/within the three (3) buildings. The investigation will be performed using techniques standard in the industry (there are currently no regulations applicable to fungal growth). This will include visual confirmation and use of a moisture meter to assess the level of moisture within certain building materials. No physical sampling or air sampling will be conducted. Documentation of our findings will be recorded on standard CPAI forms. Standard CPAI conduct and protocols will be implemented. The CPAI consultant will begin meticulous investigation of every component and surface within a specific room or area. Each room or area will be assigned the same unique CPAI Area Number as detailed in the asbestos inspection section of this plan. This activity will then be duplicated on each floor of each building.

Mr. Ken Bisceglia, CHMM
October 31, 2005
Page 7

Fungal Growth (cont.)

After completion of the on-site investigation, CPAI will compile our written report of findings (one report per building). The reports will detail all findings and provide recommendations for cessation of the water/moisture intrusion and remediation of fungal growth (if applicable).

Thank you for the opportunity to service your environmental management needs. Please contact us at 879-2600 if you have any questions concerning this correspondence or require additional information.

Sincerely,
CLAY POINT ASSOCIATES, INC.



Todd C. Hobson
President



4174A Old Stockyard Road
Marshall, Virginia 20115

(T) 540-364-4892
(F) 540-364-4891

e-mail: esci@infi.net

www.evergreenservices.net

July 27, 2001

Morrisville Water & Light
P.O. Box 460
Morrisville, VT 05661

RECEIVED

AUG - 1 2001

Morrisville Water & Light

Attention: Steve Cutler

RE: Sampling Performed at Riverside Storage Building and Vehicle Storage and Service Area

Dear Mr. Cutler:

The samples were taken for the above two locations and analyzed according to the specifications presented in the corresponding proposals. The attached reports will take each building, in turn, and address the issues that the sample results present based on the proposed usages you provided during our discussions of June 25, 2001.

The analysis and completed Chain-of Custody forms from each of the laboratories are attached as well.

If you should have any questions regarding the above, please do not hesitate to contact me.

With kind regards,

Cynthia M. Orms
President

Attachments

X/

**REPORT C010602
RIVER STORAGE BUILDING
MORRISVILLE WATER & LIGHT (MW&L)**

SUMMARY

Cynthia M. Orms performed sampling on various areas of the building and the surrounding areas on June 25, 2001. Mr. Steve Cutler was interviewed with regards to the past uses of the building, the future use of the building as well. The locations and types of samples taken are reflected in Attachment I to this report.

Mr. Cutler reported that the building had been used during the 22 years he had been with the organization for storage of transformers and other electrical equipment and parts and dielectric fluid storage and transfer. His estimate was that the building had been used for these purposes for 30 years. The building did reflect such purposes. He stated that MW&L intended to lease the building for use as an art studio and they needed to clarify what environmental problems might exist at the building. It should be noted that the building backs up to the Lamoille River and there is overflow from a man-made dam that comes underneath the building. There was standing water observed at the time sampling was performed.

The building was inspected and there appeared to be significant staining in several areas inside the building on the wood flooring. Underneath the building there were areas where the planking appeared to be soaked through with oil. After this inspection, the following were identified as potential areas and/or issues:

- wood floor in upper level of building and area beneath

Based on these issues and the building's intended future use, sampling was performed in the following areas:

- 1) 36 samples containing wood shavings were taken inside the main building and sampled for PCBs;
- 2) 4 soil samples were taken underneath the main building and analyzed for PCBs.
- 3) One wooden support underneath the building that appeared soaked through was shaved and sampled for PCBs.

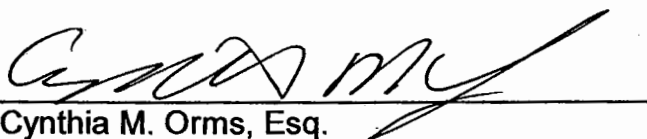
- 4) One water sample was taken of the standing water beneath the building and analyzed for PCBs.

Based on these samples and the analysis performed, there was PCB contamination throughout the building but nothing underneath the building which is encouraging in that the PCB activities that have been performed within the building for 30 years have been contained and did not contaminate the area.

The floor in certain areas contained regulated levels of PCBs. Two areas, R13 and R17 tested above regulated levels. All higher levels of contamination appeared in the main area of the building where the transformers were currently being stored. Please note that solid matrix samples had to be taken as the wood was porous, thus, the equivalency factor must be used as found at 40 CFR 761.1(b)(3) which makes any sample above 50 ppm equivalent to being above 10 $\mu\text{g}/100 \text{ cm}^2$ and, thus, is regulated.

Utilizing the PCB Spill Cleanup Policy and the proposed use of the building, the building would be classified as a High Contact commercial surface, which "means a surface in a ... commercial area which is repeatedly touched, often for long periods of time." 40 CFR 761.123. Using that definition in reference to the levels of contamination found and applying 40 CFR 761.125(c)(4)(ii), it states that these surfaces must be cleaned to 10 $\mu\text{g}/100 \text{ cm}^2$. As the wood is a porous surface and a double-wash rinse would not be sufficient to clean the floor, it is recommended that the floor be removed and replaced before any further work is done in the building to convert it to an art studio. Also, because the building demonstrates contamination throughout, it would be recommended that the walls and ceilings be sampled if they are not intended to be replaced as the contamination could easily have migrated to those levels based on how the equipment is stored and that fluid transfer did take place within the building. There are no recommendations for outside the building except the possible removal of the loading ramp. It was not tested but it is probable that is it contaminated as well.

CERTIFICATION


Cynthia M. Orms, Esq.

Date: July 27, 2001

ATTACHMENT I RIVER STORAGE BUILDING

SAMPLE NO.	LOCATION OF SAMPLE	SAMPLE MEDIA	PCB RESULTS (mg/kg)	NOTES
R01	1	wood shavings	1.19	
R02	1	wood shavings	5.04	
R03	1	wood shavings	ND	
R04	1	wood shavings	1.47	
R05	1	wood shavings	3.04	
R06	1	wood shavings	7.94	
R07	1	wood shavings	ND	
R08	1	wood shavings	ND	
R09	1	wood shavings	2.42	
R10	1	wood shavings	2.08	
R11	1	wood shavings	0.918	
R12	1	wood shavings	4.9	
R13	1	wood shavings	58.1	A
R14	1	wood shavings	20.7	
R15	1	wood shavings	1.79	
R16	1	wood shavings	26.2	
R17	1	wood shavings	991	B
R18	1	wood shavings	8.53	
R19	1	wood shavings	6.69	
R20	1	wood shavings	17.8	
R21	1	wood shavings	17	
R22	1	wood shavings	1.22	
R23	1	wood shavings	17.3	
R24	1	wood shavings	5.5	
R25	1	wood shavings	2.34	
R26	1	wood shavings	13.1	
R27	2	wood shavings	1.3	
R28	2	wood shavings	22.5	
R29	2	wood shavings	4.99	
R30	2	wood shavings	4.7	
R31	2	wood shavings	9.73	
R32	2	wood shavings	3.43	
R33	2	wood shavings	4.86	
R34	2	wood shavings	2.7	
R35	3	wood shavings	10.6	
R36	4	wood shavings	3.15	
R37	5	soil	ND	
R38	5	soil	ND	
R39	5	wood shavings	ND	
R40	5	soil	ND	
R41	5	soil	ND	
R42	5	water	ND	(mg/L)

Detection Limit

0.1 mg/kg
0.025 mg/L

solids
liquids

KEY

- 1 = Wooden floor area of main room
- 2 = Side rooms
- 3 = Located at front door
- 4 = Wire storage area *Bld 3*
- 5 = Area beneath building

ND = PCBs not detected

A = Sample taken ~ 9 feet in from the wire storage area and 15 ft from the far right wall as you face the river.

B = Located ~ 3 feet from above sample diagonally left towards back of building.

Trans-Cycle Industries, Inc. Laboratory Analytical Report

Evergreen Services
4174A Old Stockyard Road
Marshall, VA 20115

Date Sampled 06/25/01
Date Received by Lab 06/27/01
Date Analyzed by Lab 7/5/01-7/13/01
Analyte * PCBs
Matrix Soil/Sediment
Analytical Method SW-846 EPA 8060

Lab #	Sample ID	Analyte Result	Units (ppm)	Aroclor Type	Detection Limit
118368	R-01	1.19	mg/kg	1242/1260	0.10 mg/kg
118369	R-02	5.04	mg/kg	1260	0.10 mg/kg
118370	R-03	ND	mg/kg		0.10 mg/kg
118371	R-04	1.47	mg/kg	1260	0.10 mg/kg
118372	R-05	3.04	mg/kg	1260	0.10 mg/kg
118373	R-06	7.94	mg/kg	1260	0.10 mg/kg
118374	R-07	ND	mg/kg		0.10 mg/kg
118375	R-08	ND	mg/kg		0.10 mg/kg
118376	R-09	2.42	mg/kg	1260	0.10 mg/kg
118377	R-10	2.08	mg/kg	1260	0.10 mg/kg
118378	R-11	0.918	mg/kg	1260	0.10 mg/kg
118379	R-12	4.90	mg/kg	1260	0.10 mg/kg
118380	R-13	58.1	mg/kg	1242/1260	0.10 mg/kg
118381	R-14	20.7	mg/kg	1260	0.10 mg/kg
118382	R-15	1.79	mg/kg	1242	0.10 mg/kg
118383	R-16	26.2	mg/kg	1242/1260	0.10 mg/kg
118384	R-17	991	mg/kg	1242/1254/1260	0.10 mg/kg
118385	R-18	8.53	mg/kg	1260	0.10 mg/kg
118386	R-19	8.88	mg/kg	1242	0.10 mg/kg
118387	R-20	17.8	mg/kg	1242/1260	0.10 mg/kg
118388	R-21	17.0	mg/kg	1242/1260	0.10 mg/kg

ND - Not Detected

Remarks:

Chemist



Trans-Cycle Industries, Inc.
101 Parkway East
Pell City, AL 35125
(205) 338-9997

Trans-Cycle Industries, Inc. Laboratory Analytical Report

Evergreen Services
5174A Old Sycamore Road
Marshall, VA 20115

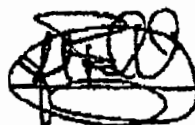
Date Sampled: 06/26/01
Date Received by Lab: 06/27/01
Date Analyzed by Lab: 7/5/01 - 7/13/01
Analyte: Aroclor PCB's
Matrix: Soil/Solid
Analytical Method: SW-846 EPA 8080

Lab #	Sample ID	Analyte Result	Units (ppm)	Aroclor Type	Detection Limit
118389	R-22	1.22	mg/kg	1254	0.10 mg/kg
118390	R-23	17.3	mg/kg	1242/1260	0.10 mg/kg
118391	R-24	6.50	mg/kg	1242/1260	0.10 mg/kg
118392	R-25	2.34	mg/kg	1242	0.10 mg/kg
118393	R-26	13.1	mg/kg	1242/1254/1260	0.10 mg/kg
118394	R-27	1.30	mg/kg	1242/1260	0.10 mg/kg
118395	R-28	22.5	mg/kg	1242/1260	0.10 mg/kg
118396	R-29	4.88	mg/kg	1242/1254	0.10 mg/kg
118397	R-30	4.70	mg/kg	1242/1254	0.10 mg/kg
118398	R-31	9.73	mg/kg	1242	0.10 mg/kg
118399	R-32	3.43	mg/kg	1242/1254	0.10 mg/kg
118400	R-33	4.86	mg/kg	1260	0.10 mg/kg
118401	R-34	2.70	mg/kg	1242/1260	0.10 mg/kg
118402	R-35	10.6	mg/kg	1242/1260	0.10 mg/kg
118403	R-36	3.15	mg/kg	1260	0.10 mg/kg
118404	R-37	ND	mg/kg		0.10 mg/kg
118405	R-38	ND	mg/kg		0.10 mg/kg
118406	R-39	ND	mg/kg		0.10 mg/kg
118407	R-40	ND	mg/kg		0.10 mg/kg
118408	R-41	ND	mg/kg		0.10 mg/kg

ND - Not Detected

Remarks:

Chemist



Trans-Cycle Industries, Inc.
101 Parkway East
Pell City, AL 35125
(205) 338-9997

Trans-Cycle Industries, Inc. Laboratory Analytical Report

Evergreen Services
4174A Old Stockyard Road
Marshall, VA 20116

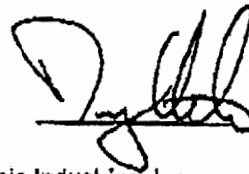
Date Sampled 08/25/01
Date Received by Lab 08/27/01
Date Analyzed by Lab 07/17/01
Analyte Aroclor PCBs
Matrix WATER
Analysis Method EPA 808

Lab #	Sample ID	Analysis Result	Units (ppm)	Aroclor Type	Detection Limit
118408	R-42	ND	mg/L		0.025mg/L

ND - Not Detected

Remarks:

Chemist



Trans-Cycle Industries, Inc.
101 Parkway East
Pell City, AL 35126
(205) 338-9997

1043

CHAIN OF CUSTODY RECORD

Evergreen Services

CUSTOMER NAME Merriamville Water Light		SAMPLES SIGNATURE [Signature]	
CUSTOMER CONTACT Cynthia M. Orms		DATE 06/25/01	
TURN AROUND TIME REQUESTED 7 days		TIME 3:00 PM	
PURCHASE ORDER #			
SAMPLE #	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX
1	06/25/01	10:10 AM	RO1
2		10:15 AM	RO2
3		10:17 AM	RO3
4		10:22 AM	RO4
5		10:25 AM	RO5
6		10:30 AM	RO6
7		10:40 AM	RO7
8		10:42 AM	RO8
9		10:45 AM	RO9
10		10:48 AM	RO10
11		10:50 AM	RO11
12		11:00 AM	RO12
13		11:05 AM	RO13
14		11:10 AM	RO14
15		11:13 AM	RO15
FOR LABORATORY USE ONLY			

RELINQUISHED BY [Signature]		RECEIVED BY [Signature]	
SIGN Cynthia M. Orms		SIGN	
PRINT Cynthia M. Orms		PRINT	
DATE 06/25/01		DATE	
TIME 12:05 PM		TIME	
INITIALIZED BY		INITIALIZED BY	
SIGN		SIGN	
PRINT		PRINT	
DATE		DATE	
TIME		TIME	
RECEIVED FOR LABORATORY		PCB CLASSIFICATION	
SIGN [Signature]		SIGNATURES NEEDED	
PRINT [Signature]		YES NO	
DATE 06-27-01		TIME 1100	

Bill to: Evergreen Services

TRANS-CYCLE INDUSTRIES, INC.
101 PARKWAY EAST
PELA CITY, AL 36125
(205) 338-0807

30f3

CHAIN OF CUSTODY RECORD

Evergreen Services

Morrisville Water Light

Cynthia Orms

7 days

SAMPLES SIGNATURE
DATE
TIME

06/25/07
3:00 PM

FOR LABORATORY USE ONLY

SAMPLE ID

SAMPLE NAME

SAMPLE DATE
TIME

PURCHASE ORIGIN

31	06/25/07	3:00 PM	Wood Shavings	R31
32		2:05 PM		R32
33		2:15 PM		R33
34		2:18 PM		R34
35		2:25 PM		R35
36		2:40 PM		R36
37		2:50 PM	Soil	R37
38		2:52 PM	Soil	R38
39		2:53 PM	Wood Shavings	R39
40		2:55 PM	Soil	R40
41		2:58 PM	Soil	R41
42		3:00 PM	Water	R42

RECEIVED BY:		RECEIVED BY:		REMARKS	
DATE	TIME	DATE	TIME		
SIGNATURE		SIGNATURE			
PRINT		PRINT			
DATE		DATE			
TIME		TIME			
RECEIVED BY:		RECEIVED BY:			
SIGNATURE		SIGNATURE			
PRINT		PRINT			
DATE		DATE			
TIME		TIME			
RECEIVED FOR LABORATORY		RECEIVED FOR LABORATORY			
SIGNATURE		SIGNATURE			
PRINT		PRINT			
DATE		DATE			
TIME		TIME			
PCB CLASSIFICATION		PCB CLASSIFICATION			
SIGNATURES NEEDED		SIGNATURES NEEDED			
YES		YES			
NO		NO			
DATE		DATE			
TIME		TIME			
TRANB CYCLE INDUSTRIES, INC.		TRANB CYCLE INDUSTRIES, INC.			
181 PARKWAY EAST		181 PARKWAY EAST			
PEEL CITY, AL 36126		PEEL CITY, AL 36126			
(565) 398 8887		(565) 398 8887			

THE JOHNSON COMPANY, INC.

Environmental Sciences and Engineering

July 11, 2003

Mr. John Tilton
Morrisville Water and Light Department
P.O. Box 460, 857 Elmore Street
Morrisville, Vermont 05661

Re: Asbestos and Lead-Based Paint Inspection Report
Morrisville Water and Light Department Warehouses
Morrisville, Vermont
JCO # 1-1394-2

Dear Mr. Tilton:

Enclosed please find our report on the asbestos and lead-based paint inspections performed for the Morrisville Water and Light Department Warehouses in Morrisville, Vermont. These inspections were conducted to identify asbestos containing building materials and lead-based paint in/on the buildings to prepare for the planned renovations of the buildings. This report also presents the results of lead analysis conducted on composite soil samples collected from the perimeter of the two buildings.

Part One of this report includes a summary of the materials that were identified as suspect for asbestos, and the laboratory analytical results for the samples that were collected from those suspect materials. Part Two of this report is a summary of the results of a lead-based paint inspection based on the analytical results of lead paint chip samples collected from the two buildings.

Please feel free to call to discuss any aspects of these inspections, or this report. Thank you for the opportunity to provide our services to you on this project.

Sincerely,

THE JOHNSON COMPANY, INC.

By:



Christopher Hammer
Staff Scientist

e-mail: khammer@jcomail.com

Attachments

Reviewed By: JRB
KJM-1394-2\ASBESTOSandLEAD.rptwpd KRM

*Civil/Environmental Engineering Hydrogeology Water Supply & Wastewater Disposal Hazardous Waste Remediation Hydrologic Contamination Fate Analysis
Soils & Water Science Geology & Geophysics Rivers and Dams Solid Waste Permitting*

100 State Street Montpelier, VT 05602 ■ (802) 229-4600 Fax: (802) 229-5876

ASBESTOS AND LEAD-BASED PAINT INSPECTION REPORT MORRISVILLE WATER AND LIGHT WAREHOUSES MORRISVILLE, VERMONT

1.0 INTRODUCTION

The Johnson Company recently completed an asbestos inspection and a lead-based paint inspection of two Morrisville Water and Light warehouses in Morrisville, Vermont. The purpose of these inspections was to identify asbestos containing materials and lead-based paint that may be disturbed during future renovations of the building. The asbestos inspection was conducted by Kristopher Hammer (VT Certification # AI018179). Mr. Hammer is also a certified Lead Inspector/Risk Assessor (VT Certification #RA018393).

2.0 ASBESTOS INSPECTION

The asbestos inspection was completed on June 23, 2003. A total of 21 samples of suspect asbestos-containing materials (ACM) were collected. The materials sampled included wall and ceiling plaster, sheetrock, cloth fabric, window glazing and roofing shingles, felt paper and water pipe. The samples were analyzed for asbestos at EMSL Analytical, Inc. of Westmont, New Jersey. The samples were analyzed by polarized light microscopy (PLM) using EPA 600/R-93/116 Method.

The samples were collected from the materials and locations described below. The results of the laboratory analysis are summarized beside each sample listing. Copies of the laboratory reports are included as Attachment 1. A generalized sketch of the two buildings is included as Figure 1. Neither of the buildings was currently heated, nor was there evidence of heating system or distribution pipes in the buildings.

Materials with one percent or more asbestos are considered to be asbestos containing materials, and are subject to the applicable asbestos regulations.

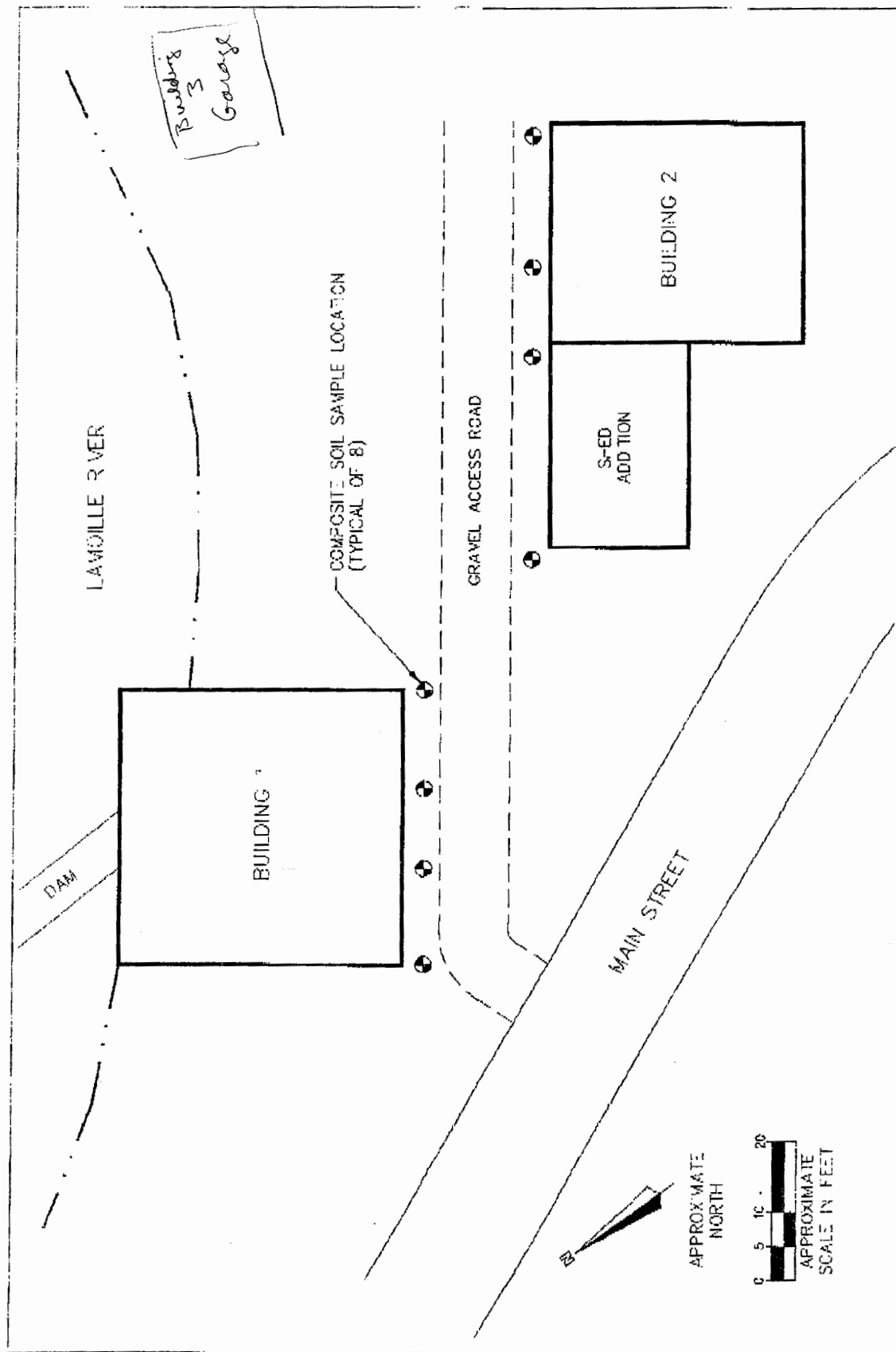


FIGURE 1: SITE SKETCH MAP
MORRISVILLE WATER & LIGHT WAREHOUSES
MORRISVILLE, VERMONT

THE JOHNSON COMPANY, INC.
 Environmental Sciences and Engineering
 100 STATE STREET MORRISVILLE, VT 05602
 DATE: 7/11/83 PROJECT: 1-394-2
 DRAWN BY: JIK SCALE: 1"=20'

SITE.dwg

BUILDING 1			
Sample #	Description	Location	Asbestos (% type)
S1-1 skim	Skim coat, wall plaster	1 st floor, south wall	ND
S1-2 rough	Scratch coat	1 st floor, south wall	ND
S1-2	wall plaster	1 st floor, east wall	ND
S1-3 skim	Skim coat, wall plaster	1 st floor, north wall	ND
S1-3 rough	Scratch coat	1 st floor, north wall	ND
S1-4 skim	Skim coat, wall plaster	1 st floor, west wall	ND
S1-4 rough	Scratch coat	1 st floor, west wall	ND
S1-5	Cloth fabric	Between windows, west wall, 6' off the floor	50% Chrysotile
S1-6	Roofing shingles	beneath metal roof in attic	ND
S1-7	Roofing shingles	beneath metal roof in attic	ND
S1-8	Roofing shingles	beneath metal roof in attic	ND
ND=None detected			

BUILDING 2			
Sample #	Description	Location	Asbestos (% type)
S2-1	Drywall	North wall, shed addition	ND
S2-2	Drywall	West wall, shed addition	ND
S2-3	Drywall	South wall, shed addition	ND
S2-4	Drywall	East wall, shed addition	ND
S2-6	Transite board	Chimney chase, ground floor	30 % Chrysotile
S2-7	6" water pipe	1 st floor near stairwell	30 % Chrysotile 2 % Crocidolite
S2-8	16" water pipe	2nd floor, top of stairs	25 % Chrysotile 3% Crocidolite
S2-9	Plaster debris	4 th floor in pile on floor	ND
S2-10	Plaster debris	4 th floor in pile on floor	ND
ND= None detected			

As the laboratory data shows, the only ACM found in/on the buildings during this inspection was cement asbestos water piping located near the stairs in Building 2, and approximately four square feet of asbestos-containing transite board that lines a former chimney chase in the center of the ceiling of the first floor of Building 2.

3.0 LEAD-BASED PAINT INSPECTION

The Johnson Company conducted an inspection for lead-based paint concurrently with the asbestos inspection. The following discussion provides a summary of the positive findings from this inspection, and provides recommendations for the proper handling of the lead-based paint during the renovation process.

A basic premise of the inspection is that the paint chip samples are representative of similar building components within the same room or area as identified by the inspector. For example, there may be four similar windows in a room, but only one window casing typifying the material was sampled. If this casing was found to be positive for lead, the other similar casings are assumed to be positive also.

The paint samples were sent for analysis to Schneider Laboratories of Richmond, Virginia for lead analysis by EPA 3050B/7420 Method. Copies of the analytical results are included as Attachment 2. For work involving the U.S Department of Housing and Urban Development (HUD), the Federal Lead Standard is 0.5 % by weight or 1.0 mg/cm.² The requirements of the Occupational Health and Safety Administration (OSHA) Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample (there is no minimum concentration). The building components that were determined by this inspection to be painted with lead-based paint include the materials summarized in the listing below. Only the first floor of Building 1 contained painted surfaces; therefore, no paint samples were collected on the upper floors of this building.

BUILDING 1				
Sample #	Description	Location	Lead Conc (mg/cm ²)	Lead Conc (% by weight)
P1-1	White	Interior of front door	0.663	3.377
P1-2	White	Ceiling joists	0.006	0.013
P1-3	White	Window casing to left of front door	1.138	2.846
P1-4	Silver	On door to basement	0.928	2.382
P1-5	Red	Exterior siding	0.102	0.219
P1-6	Red	Exterior window casing	0.105	0.376

BUILDING 2				
Sample #	Description (color)	Location	Lead Conc (mg/cm ²)	Lead Conc (% by weight)
P2-1	Beige wall	3 rd floor, interior south side	0.405	1.886
P2-2	black	3 rd floor, south side, near door	1.174	4.222
P2-3	beige	3 rd floor interior west wall	0.273	2.497
P2-4	Grey	3 rd floor west wall between windows	17.658	15.618
P2-5	grey	Window casing, interior east wall near stairs	5.513	31.614
P2-6	white	Center of interior west wall	24.838	17.241
P2-7	white	2 nd floor ceiling	3.561	7.457
P2-8	grey	1 st floor ceiling	9.051	7.798
P2-9	grey	1 st floor steel support post	11.339	11.396
P2-10	white	Exterior corner board	0.340	1.306
P2-11	red	Exterior siding	0.012	0.053

The analytical results indicate that with the exception of the first floor ceiling of Building 1, all interior painted surfaces should be considered to contain lead. With the exception of the white corner boards on Building 2, the exterior painted surfaces have relatively low concentrations of lead. The removal and disposal of these materials must be conducted in conformance with the applicable Vermont Occupational Safety and Health Administration (VOSHA) regulations and with the Vermont Solid Waste Management Regulations. The VOSHA regulations require that workers who may be exposed to lead in the workplace are properly protected. The contractor who handles these materials should be prepared to conduct the work in compliance with the VOSHA regulations. The Village of Morrisville should be

aware that as the building owner, the Village may also have liability under VOSHA. According to Mr. Chris Wagner of Vermont Solid Waste Management Division, it is not necessary to conduct laboratory testing of the building components that are painted with lead-based paint prior to their disposal in a lined landfill. If these materials will be disposed in any other manner, laboratory testing and approval from the Vermont Solid Waste Management Division may be required.

4.0 SOIL SAMPLES

Composite soil samples were also collected, at your request, from beneath the drip line of both buildings from locations as indicated in Figure 1. The soil analytical results are included in Attachment 2. The composite samples collected from Building 1 indicated a lead concentration of 40 parts per million (ppm) lead. Building 2 soils indicated a lead concentration of 490 ppm. The U.S. Environmental Protection Agency (EPA) Soil Standards for bare residential soils is 400 ppm in play areas and 1200 ppm in bare soil in the remainder of the yard. The composite soil samples were collected in areas that were covered with grass. Additional testing of soils around the perimeter of the building may be warranted in the proposed uses of the buildings following renovations include housing for children.

4

ATTACHMENT 1
ASBESTOS ANALYTICAL RESULTS

EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: esiegel@EMSL.com

Attn: Kristopher Hammer
The Johnson Company, Inc.
100 State Street
Suite 600
Montpelier, VT 05602

Fax: (802) 229-5876

Phone: (802) 229-4800

Project 1-1394-2 / Morrisville Water and Light, Morrisville, VT

Customer ID: JOHN45

Customer PO:

Received: 06/24/03 11:52 AM

EMSL Order: 040310457

EMSL Project ID:

Analysis Date: 7/3/2003

RECEIVED
JUL - 9 2003
JOHNSON CO. INC.
MONTPELIER, VT**Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
S1-1 SKIM 040310457-0001		White Non-Fibrous Heterogeneous	Teased	<1% Cellulose	100% Non-fibrous (other)	None Detected
S1-1 ROUGH 040310457-0019		Gray Non-Fibrous Heterogeneous	Teased	2% Cellulose	98% Non-fibrous (other)	None Detected
S1-2 040310457-0002		Gray Non-Fibrous Heterogeneous	Teased	2% Cellulose	98% Non-fibrous (other)	None Detected
S1-3 SKIM 040310457-0003		White Non-Fibrous Heterogeneous	Teased	<1% Cellulose	100% Non-fibrous (other)	None Detected
S1-3 ROUGH 040310457-0020		Gray Non-Fibrous Heterogeneous	Teased	2% Cellulose	98% Non-fibrous (other)	None Detected
S1-4 SKIM 040310457-0004		White Non-Fibrous Heterogeneous	Teased	<1% Cellulose	100% Non-fibrous (other)	None Detected
S1-4 ROUGH 040310457-0021		Gray Non-Fibrous Heterogeneous	Teased	2% Cellulose	98% Non-fibrous (other)	None Detected
S1-5 040310457-0005		White Fibrous Heterogeneous	Teased	20% Cellulose	30% Non-fibrous (other)	50% Chrysotile
S1-6 040310457-0006		Black Non-Fibrous Heterogeneous	Teased Dissolved	30% Cellulose	70% Non-fibrous (other)	None Detected

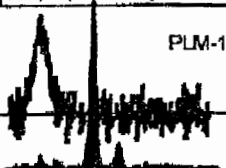
Analyst(s)

Joseph Nihill (21)

*Stephen Siegel*Stephen Siegel, CIH
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

EMSL

Attn: Kristopher Hammer
The Johnson Company, Inc.
100 State Street
Suite 600
Montpelier, VT 05602

Fax: (802) 229-5876

Phone: (802) 229-4000

Project: 1-1394-2 / Morrisville Water and Light, Morrisville, VT

Customer ID: JOHN45

Customer PO:

Received: 06/24/03 11:52 AM

EMSL Order: 040310457

EMSL Project ID:

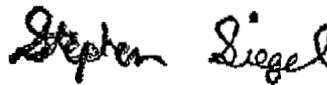
Analysis Date: 7/3/2003

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos
				% Fibrous	% Non-Fibrous	% Type
S1-7 040310457-0007		Black Non-Fibrous Heterogeneous	Teased Dissolved	20% Cellulose	80% Non-fibrous (other)	None Detected
S1-8 040310457-0008		Black Non-Fibrous Heterogeneous	Teased Dissolved	20% Cellulose	80% Non-fibrous (other)	None Detected
S2-1 040310457-0009		White Non-Fibrous Heterogeneous	Teased	10% Cellulose	90% Non-fibrous (other)	None Detected
S2-2 040310457-0010		White Non-Fibrous Heterogeneous	Teased	5% Cellulose	95% Non-fibrous (other)	None Detected
S2-3 040310457-0011		White Non-Fibrous Heterogeneous	Teased	5% Cellulose	95% Non-fibrous (other)	None Detected
S2-4 040310457-0012		White Non-Fibrous Heterogeneous	Teased	3% Cellulose	97% Non-fibrous (other)	None Detected
S2-5 040310457-0013		White Non-Fibrous Heterogeneous	Teased	3% Cellulose	97% Non-fibrous (other)	None Detected
S2-6 040310457-0014		Gray Fibrous Heterogeneous	Teased	2% Cellulose	68% Non-fibrous (other)	30% Chrysotile
S2-7 040310457-0016		Gray Fibrous Heterogeneous	Teased	2% Cellulose	66% Non-fibrous (other)	30% Chrysotile 2% Crocidolite

Analyst(s)

Joseph Nihili (21)

Stephen Siegel, CIH
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government.

Analysis performed by EMSL Westmont (NVLAP #131046-0), NY ELAP 10872

PLM-1



EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4860 Email: ssiegel@EMSL.com**EMSL**

Attn: Kristopher Hammer
The Johnson Company, Inc.
100 State Street
Suite 600
Montpelier, VT 05602

Fax: (802) 229-5876

Phone: (802) 229-4600

Project: 1-1394-2 / Morrisville Water and Light, Morrisville, VT

Customer ID: JOHN45

Customer PO:

Received: 06/24/03 11:52 AM

EMSL Order: 040310457

EMSL Project ID:

Analysis Date: 7/3/2003

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Treatment	Non-Asbestos		Asbestos	
				% Fibrous	% Non-Fibrous	% Type	
S2-8 040310457-0016		Gray Fibrous Heterogeneous	Teased	2% Cellulose	70% Non-fibrous (other)	25% Chrysotile 3% Crocidolite	
S2-9 040310457-0017		Tan Non-Fibrous Heterogeneous	Teased	<1% Cellulose	100% Non-fibrous (other)	None Detected	
S2-10 040310457-0018		Tan Non-Fibrous Heterogeneous	Teased	<1% Cellulose	100% Non-fibrous (other)	None Detected	

VERMONT CERT. #PB-010359

Stephen Siegel

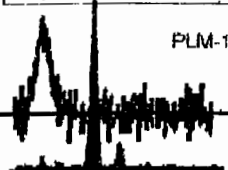
Analyst(s)

Joseph Nihill (21)

Stephen Siegel, CIH
or other approved signatory

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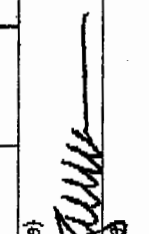
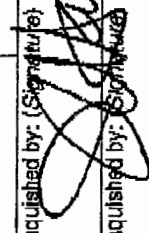
Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**THIS IS THE LAST PAGE OF THE REPORT.**

CHAIN OF CUSTODY RECORD

5795

040310457

Client / Project Name Morrisville Water and Light		Project Location Morrisville, VT		ANALYZES	
Project No. 1-1394-2		Field Logbook No. 604 #2		6 Day TAT	
Sampler (Signature) 		Chain of Custody Tape No. 5794			
Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS
S2-3	4/23/03	11:00		dry well	✓ shed, south
S2-4				"	✓ shed, East
S2-5				"	✓ ceiling (shed)
S2-6				board (ceiling)	✓ chute center 1st floor
S2-7				6" Ø pipe	✓ 1st floor nr. stair
S2-8				1/2" Ø pipe	✓ 2nd floor top of stairs
S2-9				plaster	✓ 4th floor rubble
S2-10				plaster	" " "
Relinquished by: (Signature) 		Received by: (Signature)		Date: 03 JUN 24 Time: 11:00	
Relinquished by: (Signature) 		Received for Laboratory: (Signature)		Date: 03 JUN 24 Time: 11:00	
Sample Disposal Method:		Disposed of by: (Signature)		Date: 03 JUN 24 Time: 11:00	
SAMPLE COLLECTOR		ANALYTICAL LABORATORY		SHIPPER ID #	
THE JOHNSON COMPANY, INC. 120 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600 Fax (802) 229-5476		EMSL Analytical Results to: Kristopher Hammer			

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

040310457

CHAIN OF CUSTODY RECORD

5794

Client / Project Name Morrisville Water and Light		Project Location Montville, VT		ANALYZES	
Project No. 1-1394-2		Field Logbook No. KH #2			
Sampler (Signature) <i>[Signature]</i>		Chain of Custody Tape No. 5794		6 day TAT	
Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS
S1-1	6/23/03	11:00		wall plaster	1st Floor, South Wall
S1-2				"	" East "
S1-3				"	" North "
S1-4				"	" West "
S1-5				fabric	west wall window
S1-6				roofing shingle	North side roof
S1-7				"	"
S1-8				"	"
S2-1				drywall	shed, north side
S2-2				"	" west side
Relinquished by (Signature) <i>[Signature]</i>		Date	Time	Received by (Signature) <i>[Signature]</i>	Date
Relinquished by (Signature) <i>[Signature]</i>		Date	Time	Received by (Signature) <i>[Signature]</i>	Date
Sample Disposal Method:		Disposed of by: (Signature)		SAMPLES ACCEPTED FOR ANALYSIS BY	
SAMPLE COLLECTOR		ANALYTICAL LABORATORY		EMSL ANALYTICAL INC.	
200 State Street, Suite 600 Montpelier, VT 05602 (802) 229-4600 Fax (802) 229-5976		EMSL Analytical results to: Christopher Haman		Stopper ID# N/A	

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

ATTACHMENT 2
LEAD ANALYTICAL RESULTS

SCHNEIDER LABORATORIES

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

Excellence in Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

ACCOUNT #: 2773-03-4
CLIENT: The Johnson Company
ADDRESS: 100 State Street
Montpelier, VT 05602

DATE COLLECTED: 6/23/2003
DATE RECEIVED: 6/24/2003
DATE ANALYZED: 6/30/2003
DATE REPORTED: 6/30/2003

PO NO.:
PROJECT NAME: Morrisville Water & Light
PROJECT NO: 1-1394-2
JOB LOCATION: Morrisville, VT

SAMPLE TYPE: SOIL

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Dilution Factor	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc PPM
26817157	Bldg1 Soils	Composite	1,601	1	70.7	0.004	40
26817158	Bldg2 Soils	Composite	1,420	1	698.9	0.049	490
Analysis Run ID:		26736					

ANALYST: CHARLIE BOU-CHAKRA

Total no. of pages in report = 1

REVIEWED BY  Charles E. Jackson, Analyst

Minimum Reporting Limit: 20 µg Total Lead. EPA Soil Standards (effective 3/6/01) for bare residential soil: 400 ppm by weight in play areas; 1200 ppm by weight in bare soil in the remainder of the yard based on an average of all other samples collected. EPA does not distinguish between lead-contaminated soil and soil-lead hazards. Industrial projects may have limits established per project. Soil samples are tested as received unless noted as "Dried before analysis."
*For true values, assume two (2) significant figures.

SCHNEIDER LABORATORIES INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

Excellence In Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

ACCOUNT #: 2773-03-3
CLIENT: The Johnson Company
ADDRESS: 100 State Street
Montpelier, VT 05602

DATE COLLECTED: 6/23/2003
DATE RECEIVED: 6/24/2003
DATE ANALYZED: 6/30/2003
DATE REPORTED: 7/1/2003

PO NO.:
PROJECT NAME: Morrisville Water & Light
PROJECT NO.: 1-1394-2
JOB LOCATION: Morrisville, VT

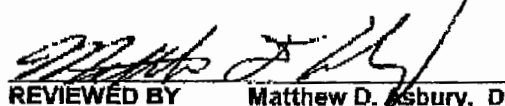
SAMPLE TYPE: PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Dilution Factor	Total Lead (µg)*	Lead Conc (% by wt)
26817118	P2-1	3rd Fl Ext Walls	344	10	6,486.9	1.886
26817119	P2-2	3rd Fl S M. Door	445	20	18,789.3	4.222
26817120	P2-3	3rd Fl Ext Well West	175	10	4,368.9	2.497
26817121	P2-4	2nd Fl West Wall	1,809	1,000	282,527.8	15.618
26817122	P2-5	2nd Fl East Wall	279	100	88,202.6	31.614
26817123	P2-6	2nd Fl West Wall	2,305	1,000	397,401.7	17.241
26817124	P2-7	1st Fl Ceiling	764	100	56,971.2	7.457
26817125	P2-8	1st Fl Ceiling	1,857	200	144,814.9	7.798
26817126	P2-9	Steel Post	1,592	200	181,430.9	11.396
26817127	P2-10	Bldg2 Ext Corner Bd	417	10	5,445.8	1.306
26817128	P2-11	Siding	351	1	185.6	0.053
26817129	P1-1	Inside Front Door	314	20	10,604.5	3.377
26817130	P1-2	Ceiling Joist	764	1	103.0	0.013
26817131	P1-3	Window Casing	640	20	18,214.9	2.846
26817132	P1-4	Back Door	623	20	14,840.5	2.382
26817133	P1-5	Siding-Bldg1	742	2	1,627.6	0.219
26817134	P1-6	Window Casing Bldg1	448	2	1,685.1	0.376

Analysis Run ID: 26736

ANALYST: CHARLIE BOU-CHAKRA

Total no. of pages in report = 2

REVIEWED BY  Matthew D. Esbury, Dept. Head

*Minimum Reporting Limit: 20 µg Total Lead. For work involving HUD, child-occupied building and other residential units, the Federal Lead Standard is 0.6% lead by weight [5000 ppm]. The requirements of the OSHA Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample; there is no minimum concentration. Lead-free paint is defined as <0.06% by weight (CPSC). *For true values, assume two (2) significant figures. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.*

2773-03-3

CHAIN OF CUSTODY RECORD

5796

Client / Project Name Morrisville Water and Light		Project Location Morrisville, VT		ANALYZES	
Project No. 1-1394-2		Field Logbook No. KCH # 2		results in % by wt. and	
Sample (Signature) 		Chain of Custody Tape No. 5796		5 days	
Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS
Bldg 1 Soils	6/23/03	12:00		Soil (Composite)	All samples 4 cm x 4 cm
Bldg 2 Soils				Soil (Composite)	↓ in size
P2-1				beige print clump	3rd floor, ext. walls
P2-2				black "	" South on door
P2-3				beige "	# " ext. wall west
P2-4				grey "	2nd fl. west wall
P2-5				green "	" 5th wall
P2-6				white "	" west wall
P2-7				white "	1st fl. ceiling
P2-8				grey "	1st fl. "
Relinquished by: (Signature) 		Date	Time	Received by: (Signature) for	
Relinquished by: (Signature) 		6/23/03	15:30	Date 6-24-03 Time 1030	
Sample Disposal Method:		Disposed of by: (Signature)		Received for Laboratory: (Signature) for 7002-7357-6271	
SAMPLE COLLECTOR		ANALYTICAL LABORATORY		Shipper ID #	
THE JOHNSON COMPANY, INC. 100 State Street, Suite 600 Montpelier, VT 05602 (802) 223-4600 Fax: (802) 223-5876		Schneider Labs			
Environmental Sciences and Engineering		Results to: Kristopher Hammer			

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy

2773-03-3

5797

CHAIN OF CUSTODY RECORD

Client / Project Name		Project Location		ANALYZES	
Morrisville Water and Light		Morrisville, Vermont			
Project No.		Field Logbook No.			
1-1394-2		604-#2			
Sampler: (Signature)		Chain of Custody Tape No.			
		5796			
Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS
P2-9	6/23/03	12:00		Paint chip - grey	Steel post
P2-10				" " white	Bldg 2 ext corner
P2-11				" " red	Siding
P1-1				" white	inside shut door
P2				" white	ceiling joint
P1-3				" white	window casing
P1-4				" silver	back door
P1-5				" red	Siding - Bldg
P1-6				" red	windows Bldg
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date
		6/23/03	0530		6-24-3
Relinquished by: (Signature)		Date	Time	Received for Laboratory: (Signature)	Date
Sample Disposal Method:		Disposed of by: (Signature)		Date	Time
SAMPLE COLLECTOR		ANALYTICAL LABORATORY			
THE JOHNSON COMPANY, INC. 100 State Street, Suite 600 Montpelier, VT 05602 (802) 229-1600 Fax (802) 229-5876		Schneider Labs results to: Christopher Hansen			
SHIPPER ID #					

WHITE - To accompany sample to the lab and returned to the Johnson Co. YELLOW - Lab copy PINK - Transporter copy GOLD - Sampler copy



May 11, 2004

Village of Morrisville Water & Light Department
Attn: Mr. James Fontaine
P.O. Box 460
Morrisville, VT 05661-0460

RECEIVED

MAY 20 2004

Morrisville Water & Light

RE: Limited Environmental Assessment
Garage and Storage Buildings at A Street, Morrisville, VT
NCES Job No: C3114

Dear Mr. Fontaine,

North Country Environmental Services, Inc. (NCES) is please to provide this summary and conclusions regarding the limited assessment activities conducted at the above noted property. The assessment activities were conducted in accordance with the proposal dated March 29, 2004 and signed by you on March 31, 2004.

#3
On April 12, 2004, NCES personnel were on-site to conduct assessment activities. Photographs of the property are attached. Initially, the surrounding area was inspected. The Lamoille River and dam were noted immediately to the west of the property. The area surrounding the buildings was an upland area with trees and shrubs. Access was provided from A Street by a dirt driveway. Inspection of the property surrounding the buildings identified an overturned empty 55-gallon drum to the north of Building No. 1 (the garage). No significant staining was noted adjacent to the drum and no identifying marks were discernable. An automobile battery was noted to the east of the garage. No significant staining was identified in the vicinity.

Based upon field observations, five shallow borings were advanced around the exterior of the buildings. The location of each boring is shown on the attached Site Sketch. Boring B-1 was conducted adjacent to the overturned 55-gallon drum. Boring B-2 was conducted adjacent to the automobile battery. Boring B-3 was conducted approximately 4 feet off the doors to the garage. Boring B-4 was conducted approximately 4 feet off the northern entrance to Building #2. Boring B-5 was conducted approximately 4 feet off of the south entrance to the garage of Building #2. Each soil sample was field screened for total volatile organic compounds (TVOC's) with a Thermo Environmental photoionization detector (PID) equipped with a 10.6 eV lamp and calibrated to "benzene equivalents". Each soil sample was reported below the detection limits (<0.0 ppm). No significant odors or staining was noted in the soil samples. Each sample was field preserved and submitted for laboratory analysis at RI Analytical, of Hudson, MA. A summary of the results is shown on Table One. A copy of the laboratory analysis results is attached.

Corporate Office: 31 Granite Street • Suite 8 • Milford, MA 01757 • (508) 634-9800 • Fax (508) 634-8259

Cape Cod & Islands Office: 147 State Road (Rte. 3A) • Sagamore Beach, MA 02532 • (508) 888-8080 • Fax (508) 634-8259

Vermont Office: 49 Parker Road • Barre, VT 05641 • (802) 479-5299 • Fax (802) 479-5499

Connecticut Office: • 461 Cooke Street • Farmington, CT 06032 • (860) 409-9033 • Fax (860) 409-9044

Table One: Summary of Exterior Soil Analysis Results, Collected April 12, 2004

Location Depth (Feet)	Analysis	Results	MA Method 1 Residential Soil Standards	EPA Region III Risk Based Concentrations
B-1: 0-1 #3	TPH	60 mg/kg	800 mg/kg	--
	Herbicides: 2,4 -D	<0.1 mg/kg	--	780 mg/kg
	All Remaining	<0.01 mg/kg	--	--
B-2: 0-1 #3	PCB's	All <0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Lead	46 mg/kg	300 mg/kg	--
	Mercury	0.33 mg/kg	1.0 mg/kg	--
B-3: 0-1 #3	TPH	43 mg/kg	800 mg/kg	--
	Herbicides: 2,4 -D	<0.1 mg/kg	--	780 mg/kg
	All Remaining	<0.01 mg/kg	--	--
	PCB's	All <0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Lead	17 mg/kg	300 mg/kg	--
	Mercury	<0.25 mg/kg	1.0 mg/kg	--
B-4: 0-1 #2	Asbestos	Negative	1%	--
	TPH	81 mg/kg	800 mg/kg	--
	PCB's	All <0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Lead	34 mg/kg	300 mg/kg	--
B-5: 0-1 #2	Mercury	<0.25 mg/kg	1.0 mg/kg	--
	TPH	140 mg/kg	800 mg/kg	--
	PCB's	All <0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Asbestos	Negative	1%	--

As shown on Table One, low-level total petroleum hydrocarbon (TPH) concentrations were noted in each sample, with the highest being 140 mg/kg. No significant concentrations of PCB's, herbicides, or mercury were detected in any soil sample. A low-level concentration of mercury was noted in the B-2: 0-1' soil sample, marginally above the method detection limit of 0.25 mg/kg. No asbestos was detected in any soil sample. A low-level concentration of lead was detected, consistent with naturally occurring concentrations.

A key to the padlocks³ for the buildings was obtained from Morrisville Water & Light Department personnel. Building No. 1 was of wood construction with a dirt floor and two large doors on the south side. The building was in poor condition. No holes were noted in the roof. The interior of the garage was inspected. The garage contained spools of cable, empty 55-gallon drums, and various pieces of equipment associated with electric transmission line maintenance. No significant areas of staining were identified within the structure. Based upon field observations, four shallow borings were advanced within the building. The location of each boring is shown on the attached Site Sketch. Each soil sample was field screened for TVOC's with a PID. Each soil sample was reported below the detection limits (<0.0 ppm). No significant odors or staining was noted in the soil samples. Each sample was field preserved and submitted for laboratory analysis. A summary of the results is shown on Table Two. A copy of the laboratory analysis results is attached.

Table Two: Summary of Building No. 1 Soil Analysis Results, Collected April 12, 2004

Location Depth (Feet)	Analysis	Results	MA Method 1 Residential Soil Standards	EPA Region III Risk Based Concentrations
Bld. No. 1: 3 B-6: 0-1' 3	TPH	900 mg/kg	800 mg/kg	--
	Herbicides: 2,4 -D	<0.1 mg/kg	--	780 mg/kg
	All Remaining	<0.01 mg/kg	--	--
	PCB's: Aroclor-1016	2.7 mg/kg	2.0 mg/kg	5.5 mg/kg
	All Remaining	<0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Lead	53 mg/kg	300 mg/kg	--
	Mercury	<0.25 mg/kg	1.0 mg/kg	--
Bld. No. 1: 3 B-7: 0-1' 3	PCB's: Aroclor-1016	0.8 mg/kg	2.0 mg/kg	5.5 mg/kg
	All Remaining	<0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
Bld. No. 1: 3 B-8: 0-1' 3	PCB's: Aroclor-1016	0.2 mg/kg	2.0 mg/kg	5.5 mg/kg
	All Remaining	<0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
Bld. No. 1: 3 B-9: 0-1' 3	TPH	1,500 mg/kg	800 mg/kg	--
	Herbicides: 2,4 -D	<0.1 mg/kg	--	780 mg/kg
	All Remaining	<0.01 mg/kg	--	--
	PCB's	<0.1 mg/kg	2.0 mg/kg	5.5 mg/kg
	Lead	68 mg/kg	300 mg/kg	--
	Mercury	<0.25 mg/kg	1.0 mg/kg	--

As shown on Table Two, moderate concentrations of TPH were identified with concentrations ranging from 900 mg/kg to 1,500 mg/kg. No herbicides were detected. Low-level concentrations of PCB Aroclor-1016 were detected at three of the four boring locations. Similar to soil samples conducted around the buildings, low-levels of lead were detected.

Building No. 2 was of wood construction with four stories. A garage was attached to the ground floor on the west side of the building. The garage had a concrete floor with patches and cracks evident. The building was in poor condition. Significant settling of the stone foundation and misalignment of doorways and windows were observed. No holes were noted in the roof. The interior of the garage was inspected. The garage contained electric service materials, an empty 55-gallon drum, and various pieces of equipment associated with electric transmission line maintenance. No significant areas of staining were identified within the garage. One wipe sample was collected from the concrete floor and one composite soil sample was collected from soil on the concrete floor.

- data shows mg/kg for 2nd floor

The ground floor of the main building had a concrete floor with only 2/3 of the footprint of the building as floor space. The remaining area, along the southern wall, was elevated behind a four-foot retaining wall and utilized as storage space. The area contained miscellaneous tools, equipment, and supplies associated with electric maintenance. Included were various containers of paint, oil, grease, and solvents. One wipe sample was conducted 2 feet into the doorway and submitted for laboratory analysis.

The second floor was of wood construction. The southern wall was stone foundation and had buckled significantly. A blocked entrance was located at the southwest corner. Five 3-gallon containers were

located on stairs adjacent to the door. Three were labeled oil. Minor staining of the wood plank floor was noted in the vicinity. A second sliding door was located on the northern wall. Similar miscellaneous equipment and materials were located on the floor. Two wipe samples were conducted 2 feet off each doorway and submitted for laboratory analysis.

The third floor was of wood construction. A sliding door was located along the southern wall, along A Street. Similar miscellaneous equipment and materials were located on the floor. The bulk of the storage was dry goods. A 55-gallon steel drum was located in the northwest corner. Moderate staining of the wood plank floor was noted in the vicinity extending to the east. Two wipe samples were conducted 2 feet off the doorway and one foot east of the drum, within the area of staining, and submitted for laboratory analysis.

The fourth floor was of wood construction. The area contained only minimal dry goods storage. No significant staining was noted. A summary of the laboratory analysis results is shown on Table Three. A copy of the laboratory analysis results is attached.

Table Three: Summary of Building No. 2 Analysis Results, Collected April 12, 2004

Location Depth (Feet)	Analysis	Results
Bld. No. 2: Garage	PCB's: All	<1.0 ug/wipe
	Lead	160 ug/wipe
	Mercury	120 ug/wipe
Bld. No. 2: 1 st Floor(1)	PCB's: All	<1.0 ug/wipe
	Lead	1,500 ug/wipe
	Mercury	1,400 ug/wipe
Bld. No. 2: 2 nd Floor (1)	PCB's: All	<1.0 ug/wipe
	Lead	2,200 ug/wipe
	Mercury	220 ug/wipe
Bld. No. 2: 2 nd Floor (2)	Herbicides: 2,4 -D	<0.1 mg/kg
	All Remaining	<0.01 mg/kg
	PCB's: All	<1.0 ug/wipe
	Lead	1,700 ug/wipe
	Mercury	1,200 ug/wipe
Bld. No. 2: 3rd Floor (1)	PCB's: All	<1.0 ug/wipe
	Lead	4,600 ug/wipe
	Mercury	760 ug/wipe
Bld. No. 2: 3rd Floor (2)	PCB's: All	<1.0 ug/wipe
	Lead	16,000 ug/wipe
	Mercury	240 ug/wipe

As noted in Table Three, low levels of lead and mercury were identified on the first, second and third floor of Building No. 2. These samples were collected by the wipe sample procedure as not to damage the wood floor. Wipe samples are reported in micrograms per 100 centimeters squared. No standards apply for direct comparison. These results are used for guidance.

Conclusions

Based upon the information gathered during this assessment, potential exposure exists to occupants of the building. Prior to allowing occupation of the buildings by sensitive receptors (adults, children, elderly, pregnant women, etc.) abatement procedures for the removal or encapsulation of the lead and mercury should be conducted. Additionally, the elevated TPH concentrations and PCBs identified in two shallow soil samples in Building No. 1 indicate that a release of oil and/or hazardous materials has occurred. As such, the Vermont Department of Environmental Conservation, Waste Management Division should be contacted and notified of the release. The VT DEC may be reached at (802) 241-3888, Mr. Tim Cropley. NCES can make this notification on your behalf. The Vermont statute relevant to release reporting is outlined below.

TITLE 10: CONSERVATION AND DEVELOPMENT

Chapter 159: Waste Management

§ 6615. Liability

(a) Subject only to the defenses set forth in subsections (d) and (e) of this section,

(1) the owner or operator of a facility or both;

(2) any person who at the time of release or threatened release of any hazardous material owned or operated any facility at which such hazardous materials were disposed of;

(K) requiring or conducting abatement, investigation, remediation or removal activities in response to a release or threatened release, provided that:

(i) prior notice of intent to do any such activity is given to the secretary in writing, and, unless previously waived in writing by the secretary, no such activity is undertaken for 30 days after receipt of such notice by the secretary;

(ii) a workplan is prepared by a qualified consultant prior to the commencement of any such activity;

(iii) if the secretary, within 30 days of receiving notice as provided in subdivision (i) of this subdivision (K), elects to undertake a workplan review and gives written notice to the secured lender or fiduciary of such election, no such activity is undertaken without prior workplan approval by the secretary;

(iv) appropriate investigation is undertaken prior to any abatement, remediation, or removal activity;

(v) regular progress reports and a final report are produced during the course of any such activity;

(vi) all plans, reports, observations, data, and other information related to the activity are preserved for a period of 10 years and, except for privileged materials, produced to the secretary upon request;

(vii) persons likely to be at or near the facility are not exposed to unacceptable health risk; and

(viii) such activity complies with all rules, procedures and orders of the secretary.

10 V.S.A. § 6617. Person responsible for release; notice to agency

Any person who has knowledge of a release or a suspected release and who may be subject to liability for a release, as detailed in section 6615 of this chapter, shall immediately notify the agency. In addition, any eligible person or successor under section 6615a of this title or any secured lender or fiduciary who has knowledge of a release or a suspected release shall immediately notify the agency. Failure to notify shall make those persons liable to the penalty provisions of section 6612 of this title. (Added 1985, No. 70, § 6, eff. May 20, 1985; amended 1993, No. 29, § 5, eff. May 26, 1993; 1995, No. 44, § 3, eff. April 20, 1995.)

Recommendations

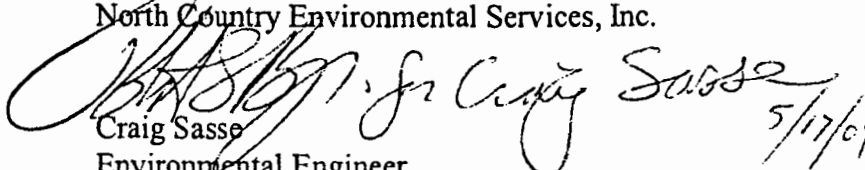
The 1016 PCB Aroclor detected within the dirt floor of building No. 1 is indicative of dielectric fluid from capacitors. It is recommended that surficial soil be removed from the area of sampling point B-6 and B-7. After the soil is removed, confirmation samples should be collected and analyzed for PCB content. The sampling points with elevated TPH in this area should also be removed. Upon final removal of any impacted soil, a layer of clean soil should be placed down or a poured concrete floor put into place. The poured concrete floor is highly recommended to limit any future concerns.

The wood floors within building No. 2 should be power washed and the water containerized for disposal. After the floors have been washed, it is recommended that an industrial strength sealed be put down on all wooden floor surfaces.

A cost estimate and service agreement can be prepared for the services recommended above. It is estimated that the environmental/hazmat service portion listed above would cost approximately \$5,700.00 to \$6,700.00 to complete. The concrete, backfill and wood sealant would be provided by others.

If you have any questions or need additional information call Mr. Robert Berger or myself at our offices.

Sincerely,
North Country Environmental Services, Inc.


Craig Sasse
Environmental Engineer

Attachments

cc: Robert Berger, North Country Environmental Services, Inc., L.S.P.

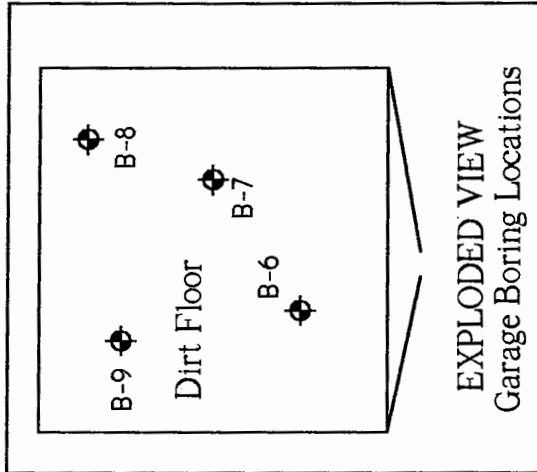
A STREET

Morrisville, Vermont

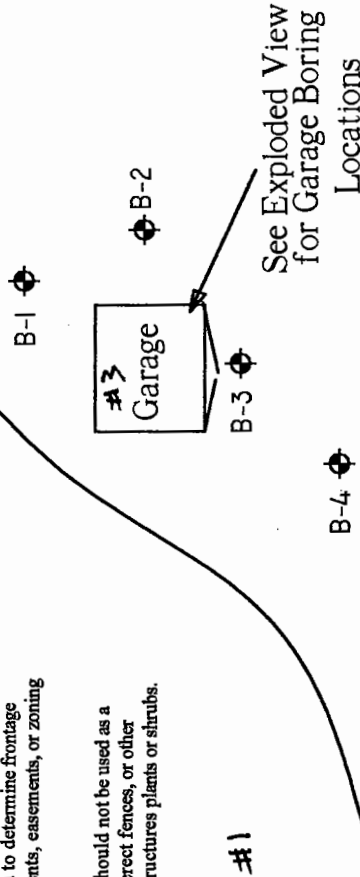
This plan supplements environmental site activities associated with a Limited Environmental Assessment.

This plan is not to scale and should not be used to determine frontage measurements, easements, or zoning setbacks.

This plan should not be used as a survey, to erect fences, or other ancillary structures plants or shrubs.



This NCES site plan is based on an Aerial Photograph and notes taken during the Site Walkover by North Country Environmental Services Personnel.





North Country Environmental Services Inc.

No.	Description/Notes	Date

North Country Environmental Services Inc.
21 Granite Street
Suite 8
Millsbury, MA 01757

Garage and Storage Buildings at A Street
Morrisville, VT
Site Plan

Project	NCES C3144
Date	017 May 04
Scale	No Scale



R.I. Analytical

Specialists in Environmental Services

Page 1 of 17

CERTIFICATE OF ANALYSIS

North Country Environmental
Attn: Mr. Craig Sasse
31 Granite St., Suite 8
Milford, MA 01757

Date Received: 04/15/2004
Date Reported: 04/26/2004
P.O. #:
Work Order #: 0404-05327

DESCRIPTION: PROJECT# C3114 A STREET FACILITY

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies and all NELAC requirements were met. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

enc: Chain of Custody

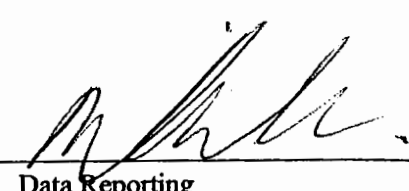
R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 001

SAMPLE DESCRIPTION: BUILDING #2, GARAGE

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:47

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	160	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	120	50	ug/wipe	SW-846 7471A	04/20/2004	SM

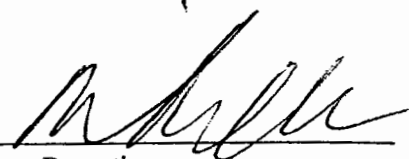
R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 002

SAMPLE DESCRIPTION: BUILDING #2, 1ST FLOOR

SAMPLE TYPE: GRAB

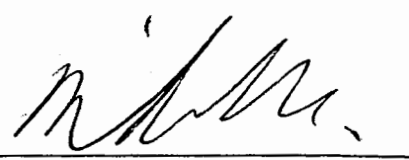
SAMPLE DATE/TIME: 04/12/2004 @ 17:55

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted.			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	1500	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	1400	50	ug/wipe	SW-846 7471A	04/20/2004	SM

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

North Country Environmental
Date Received: 04/15/2004
Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 003

SAMPLE DESCRIPTION: BUILDING #2, 2ND FLOOR

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	2200	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	220	50	ug/wipe	SW-846 7471A	04/20/2004	SM

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 004

SAMPLE DESCRIPTION: BUILDING #2, 2ND FLOOR

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:10

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
HERBICIDES						
2,4 -D	<0.1	0.1	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -TP (SILVEX)	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -T	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dalapon	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dicamba	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dichloroprop	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dinoseb	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
SURROGATE			RANGE	SW-846 8150	04/25/2004	TRA
DCAA	62		30-150%	SW-846 8150	04/25/2004	TRA
Extraction date	Extracted			SW846 3550	04/19/2004	GM
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	1700	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	1200	50	ug/wipe	SW-846 7471A	04/20/2004	SM

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

North Country Environmental
Date Received: 04/15/2004
Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 005

SAMPLE DESCRIPTION: BUILDING #2, 3RD FLOOR

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:15

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	4600	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	760	50	ug/wipe	SW-846 7471A	04/20/2004	SM

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North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

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Sample # 006

SAMPLE DESCRIPTION: BUILDING #2, 3RD FLOOR

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:20

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<1.0	1.0	ug/wipe	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	JB
Metals Wipe Samples						
LEAD	16000	8.0	ug/wipe	SW-846 6010	04/21/2004	JNB
MERCURY	240	50	ug/wipe	SW-846 7471A	04/20/2004	SM

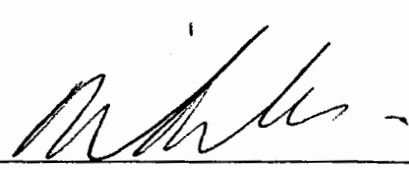
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North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

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Sample # 007

SAMPLE DESCRIPTION: BUILDING #1, B-6

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:20

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	900	40	mg/kg dry	SW846 8100M	04/20/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
HERBICIDES						
2,4 -D	<0.1	0.1	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -TP (SILVEX)	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -T	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dalapon	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dicamba	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dichloroprop	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dinoseb	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
MOISTURE	4		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8150	04/25/2004	TRA
DCAA	57		30-150%	SW-846 8150	04/25/2004	TRA
Extraction date	Extracted			SW846 3550	04/19/2004	GM
PCB						
Aroclor-1016	2.7	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	4		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	95		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	112		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	SM
TOTAL METALS						
LEAD	53	2.1	mg/kg dry	SW-846 6010	04/21/2004	JNB
MERCURY	<0.25	0.25	mg/kg dry	SW-846 7471A	04/20/2004	SM

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Date Received: 04/15/2004

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Sample # 008

SAMPLE DESCRIPTION: BUILDING #1, B-7

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:40

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	0.8	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
MOISTURE	<1		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/22/2004	TRA
Tetrachloro-m-xylene (TCMX)	143		30-150%	SW-846 8082	04/22/2004	TRA
Decachlorobiphenyl	134		30-150%	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	SM

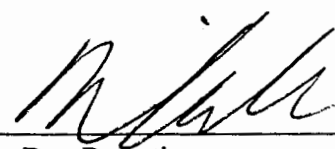
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North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 009

SAMPLE DESCRIPTION: BUILDING #1, B-8

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:44

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	0.2	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
MOISTURE	1		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/22/2004	TRA
Tetrachloro-m-xylene (TCMX)	133		30-150%	SW-846 8082	04/22/2004	TRA
Decachlorobiphenyl	132		30-150%	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM

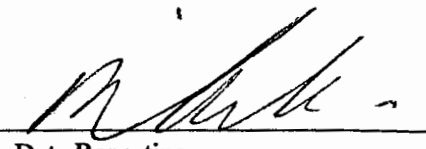
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Date Received: 04/15/2004

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Data Reporting

Sample # 010

SAMPLE DESCRIPTION: BUILDING #1, B-9

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:56

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	1500	40	mg/kg dry	SW846 8100M	04/20/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
HERBICIDES						
2,4 -D	<0.1	0.1	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -TP (SILVEX)	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -T	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dalapon	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dicamba	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dichloroprop	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dinoseb	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
MOISTURE	2		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8150	04/25/2004	TRA
DCAA	39		30-150%	SW-846 8150	04/25/2004	TRA
Extraction date	Extracted			SW846 3550	04/19/2004	GM
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	2		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	107		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	150		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM
TOTAL METALS						
LEAD	68	2.0	mg/kg dry	SW-846 6010	04/21/2004	JNB
MERCURY	<0.25	0.25	mg/kg dry	SW-846 7471A	04/20/2004	SM

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North Country Environmental
 Date Received: 04/15/2004
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Data Reporting

Sample # 011

SAMPLE DESCRIPTION: B-1 : 0-1'

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:58

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	60	4.0	mg/kg dry	SW846 8100M	04/20/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
HERBICIDES						
2,4 -D	<0.1	0.1	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -TP (SILVEX)	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -T	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dalapon	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dicamba	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dichloroprop	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dinoseb	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
MOISTURE	21		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8150	04/25/2004	TRA
DCAA	47		30-150%	SW-846 8150	04/25/2004	TRA
Extraction date	Extracted			SW846 3550	04/19/2004	GM
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	17		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	114		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	119		30-150%	SW 846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM

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North Country Environmental
 Date Received: 04/15/2004
 Work Order #: 0404-05327

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Data Reporting

Sample # 012

SAMPLE DESCRIPTION: B-2 : 0-1'

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:00

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	12		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	145		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	148		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM
TOTAL METALS						
LEAD	46	2.2	mg/kg dry	SW-846 6010	04/21/2004	JNB
MERCURY	0.33	0.25	mg/kg dry	SW-846 7471A	04/20/2004	SM

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Date Received: 04/15/2004

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Data Reporting

Sample # 013

SAMPLE DESCRIPTION: B-3 : 0-1'

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:12

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	43	4.0	mg/kg dry	SW846 8100M	04/21/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
HERBICIDES						
2,4 -D	<0.1	0.1	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -TP (SILVEX)	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
2,4,5 -T	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dalapon	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dicamba	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dichloroprop	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
Dinoseb	<0.01	0.01	mg/kg dry	SW-846 8150	04/25/2004	TRA
MOISTURE	5		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8150	04/25/2004	TRA
DCAA	52		30-150%	SW-846 8150	04/25/2004	TRA
Extraction date	Extracted			SW846 3550	04/19/2004	GM
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	5		%	SM2540 G.	04/15/2004	LA
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	141		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	131		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM
TOTAL METALS						
LEAD	17	2.1	mg/kg dry	SW-846 6010	04/21/2004	JNB
MERCURY	<0.25	0.25	mg/kg dry	SW-846 7471A	04/20/2004	SM

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 Date Received: 04/15/2004
 Work Order #: 0404-05327

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Data Reporting

Sample # 014

SAMPLE DESCRIPTION: B-4 : 0-1'

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	81	4.0	mg/kg dry	SW846 8100M	04/21/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	12		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	131		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	158		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM
TOTAL METALS						
LEAD	34	2.2	mg/kg dry	SW-846 6010	04/21/2004	JNB
MERCURY	<0.25	0.25	mg/kg dry	SW-846 7471A	04/20/2004	SM

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North Country Environmental
 Date Received: 04/15/2004
 Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 015

SAMPLE DESCRIPTION: B-5

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 18:20

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH						
TPH GC/FID	140	4.0	mg/kg dry	SW846 8100M	04/21/2004	RJP
Extraction date	Extracted			SW846 3550	04/19/2004	KLL
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/23/2004	TRA
MOISTURE	32		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/23/2004	TRA
Tetrachloro-m-xylene (TCMX)	110		30-150%	SW-846 8082	04/23/2004	TRA
Decachlorobiphenyl	136		30-150%	SW-846 8082	04/23/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM

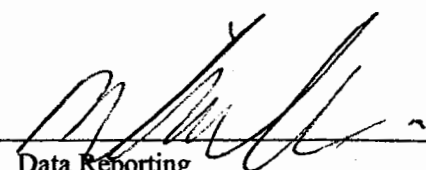
R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05327

Approved by: 

Data Reporting

Sample # 016

SAMPLE DESCRIPTION: BUILDING #2, GARAGE 2

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 04/12/2004 @ 17:40

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PCB						
Aroclor-1016	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1221	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1232	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1242	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1248	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1254	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
Aroclor-1260	<0.1	0.1	mg/kg dry	SW-846 8082	04/22/2004	TRA
MOISTURE	11		%	SM2540 G.	04/16/2004	SM
SURROGATE			RANGE	SW-846 8082	04/22/2004	TRA
Tetrachloro-m-xylene (TCMX)	126		30-150%	SW-846 8082	04/22/2004	TRA
Decachlorobiphenyl	132		30-150%	SW-846 8082	04/22/2004	TRA
Extraction date	Extracted			SW846 3550	04/16/2004	GM

CHAIN OF CUSTODY RECORD

R.I. Analytical Laboratories, Inc.

41 Illinois Avenue
Warwick, RI 02888
Tel: 800-937-2580
Fax: 401-738-1970

131 Coolidge St, Bldg. 2
Hudson, MA 01749
Tel: 888-228-3334
Fax: 978-568-0078

Date Collected	Time Collected	Field Sample Identification	Grab or Composite	# of Containers & Type	Preservation Code	Matrix Code	Metals (H ₂ O)	PCBs	Herbicides	TPH (8100M)	Asbestos
4/12/04	5:47	Building #7, Garage	G	3/4 H ₂ O	0		X	X			
	5:55	Building #2, 1st floor, (A)		3/4							
	6:00	Building #2, 2nd floor, (1)		3/4							
	6:10	Building #2, 2nd floor, (2)		3/4							
	6:15	Building #2, 3rd floor, (1)		3/4							
	6:20	Building #2, 3rd floor, (2)		3/4							
	6:20	Building #1, B-6	G	3/4 H ₂ O	0		X	X			
	5:40	Building #1, B-7	G	3/4	I		X	X			
	5:44	Building #1, B-8	G	3/4	I		X	X			
	5:56	Building #1, B-9	G	3/4	I		X	X			
	5:58	B-1: 0-1'	G	3/4	I		X	X			
	6:00	B-2: 0-1'	G	3/4	I		X	X			
	6:12	B-3: 0-1'	G	3/4	I		X	X			
	6:30	B-4: 0-1'	G	3/4	I		X	X			

Company Name: Bill To 103D
 Address: Village of Morrisville Water and Light Dept.
 City / State / Zip: Morrisville, VT 05661
 Telephone: 902-888-3348
 Contact Person: Tim Fontana
 Project Information
 Project Name: A Street Facility
 P.O. Number: C-3114
 Report To: C. Sasse
 Sampled by: CAS, F.A.
 Phone: 508-634-9800
 Fax: 508-634-8254
 Email address: CASSED@XESNIE.COM

Relinquished By	Date	Time	Received By	Date	Time
<u>Tim Fontana</u>	<u>4/14/04</u>	<u>10:30</u>	<u>Mull & P...</u>	<u>4/15</u>	<u>10:30</u>
<u>Mull & P...</u>	<u>4/15</u>	<u>16:45</u>	<u>EASTERN CONNECTION</u>	<u>4/15</u>	<u>16:45</u>
<u>EASTERN CONNECTION</u>	<u>4/15/04</u>	<u>18:30</u>	<u>L.R. Ray</u>	<u>4/15/04</u>	<u>18:30</u>

Circle if applicable: GW-1, GW-2, GW-3, S-1, S-2, S-3
 Send original lab. report to NCES, 31 Granite St., Suite 8, Milford, MA 01757
 Project Comments: MCP Data Enhancement QC Package? Yes No
 Preservation Codes: NP=None, N=HNO₃, H=HCl, S=H₂SO₄, SH=NaOH, SB=NaHSO₄
 Matrix Codes: P=Poly, G=Glass, AG=Amber Glass, V=Vial, St=Sterile
 Container Types: GW=Groundwater, SW=Surface Water

Turn Around Time
 Normal ☒ EMAIL Report
 5 Business days. Possible surcharge.
 Rush ☐ (business days)
 Lab Use Only
 Sample Pick Up Only
 RIAL sampled; attach field hours
 Shipped on ice
 Workorder No. 0404-05322

CHAIN OF CUSTODY RECORD

Container Type Codes:	Preservative Codes:	Matrix Codes:
P=Plastic	NP=Non preserved	GW=Groundwater
G=Glass	I=Cooled 4°C	WW=Wastewater
AG=Amber Glass	N=Nitric	DW=Drinking Water
O=Other (describe)	M=Methanol	O=Other (describe)
		S=Soil
		SI=Sludge
		A=Air
		B=Bulk/Solid

Container Type Codes:	Preservative Codes:	Matrix Codes:
P=Plastic	NP=Non preserved	GW=Groundwater
G=Glass	I=Cooled 4°C	S=Soil
V=Vial	S=Sulfuric	WW=Wastewater
S=Sterile	H=HCL	SI=Sludge
AG=Amber Glass	N=Nitric	DW=Drinking Water
O=Other (describe)	M=Methanol	A=Air
	SB=NAHSO4	B=Bulk/Solid

Bill to Client Information		Project Information	
Company Name:	Village of Morrisville Water & Light Dept.	Project Name / Location:	
Address:		P.O. Number:	A/A
City / State / Zip:	A/A	Report To:	
Phone:		Phone:	
		Fax:	
		Sampled by:	
Contact:		Reference Proposal:	

Project Comments: * Added per A. Ford 4-16-04. (R)



R.I. Analytical

Specialists in Environmental Services

Page 1 of 2

CERTIFICATE OF ANALYSIS

North Country Environmental
Attn: Mr. Craig Sasse
31 Granite St., Suite 8
Milford, MA 01757

Date Received: 04/15/2004
Date Reported: 04/21/2004
Work Order #: 0404-05342

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

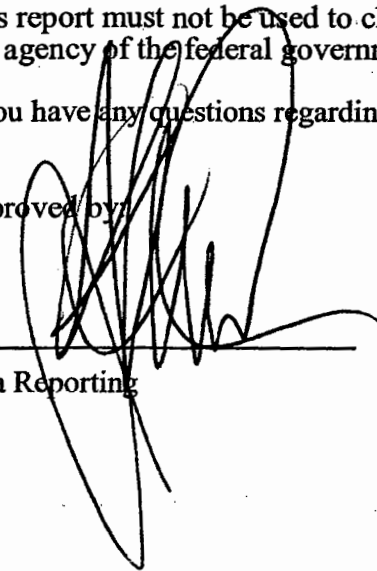
Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:



Data Reporting

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

North Country Environmental

Date Received: 04/15/2004

Work Order #: 0404-05342

Site Location: PROJECT# C3114 A STREET FACILITY (THREE SOIL SAMPLES)

Approved by: _____

Data Reporting

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS	DATE ANALYZED	ANALYST
001	BUILDING #1, B-6	PLM FIBER ANALYSIS			
		ASBESTOS	NEGATIVE	04/20/2004	KCS
		Non-fibrous	100 %	04/20/2004	KCS
		Sample Color	Brown	04/20/2004	KCS
002	B-3 : 0-1'	PLM FIBER ANALYSIS			
		ASBESTOS	NEGATIVE	04/20/2004	KCS
		Non-fibrous	100 %	04/20/2004	KCS
		Sample Color	Brown	04/20/2004	KCS
003	B-5	PLM FIBER ANALYSIS			
		ASBESTOS	NEGATIVE	04/20/2004	KCS
		Non-fibrous	100 %	04/20/2004	KCS
		Sample Color	Brown	04/20/2004	KCS

CHAIN OF CUSTODY RECORD

R.I. Analytical Laboratories, Inc.

41 Illinois Avenue
Warwick, RI 02888
Tel: 800-937-2580
Fax: 401-738-1970

131 Coolidge St, Bldg. 2
Hudson, MA 01749
Tel: 888-228-3334
Fax: 978-568-0078

Date Collected	Time Collected	Field Sample Identification	Grab or Composite	# of Containers & Type	Preservation Code	Matrix Code	Metals (H ₂ O, Pb)	PCBs	Hevilitz	Asbestos
4/12/04	5:47	Building #2, Garage	G	36	44	0	X	X		
	5:55	Building #2, 1st floor, 4		36						
	6:00	Building #2, 2nd floor, 1		36						
	6:10	Building #2, 2nd floor, 2		36						
	6:15	Building #2, 3rd floor, 1		36						
	6:20	Building #2, 3rd floor, 2		36						
	6:20	Building #1, B-6	G	16	44	0	X	X		
	5:40	Building #1, B-7								
	5:44	Building #1, B-8								
	5:56	Building #1, B-9	G	16	I	5	X	X		
	5:58	B-10-20-1'	G	16	I	5	X	X		
	6:00	B-2:0-1'								
	6:12	B-3:0-1'								
	6:30	B-4:0-1'								

Company Name: <u>Bill To</u>		Project Information	
Address: <u>Village of Morrisville Water and Light Dept.</u>		Project Name: <u>A Street Facility</u>	
City / State / Zip: <u>Morrisville, VT 05661</u>		Project Number: <u>C3114</u>	
Telephone: <u>802 888 3348</u>		Phone: <u>800 634 9800</u>	
Contact Person: <u>Tom Fontana</u>		Fax: <u>800 634 8254</u>	
		Email address: <u>CLASSE@ALLESNIE.COM</u>	

Relinquished By	Date	Time	Received By	Date	Time
<u>Constance</u>	<u>4/15/04</u>	<u>10:30</u>	<u>Mull & Ryan</u>	<u>4/15</u>	<u>10:30</u>
<u>Michelle Adams</u>	<u>4/15</u>	<u>16:45</u>	<u>EASTERN CONNECTION</u>	<u>4/15</u>	<u>16:45</u>
<u>EASTERN CONNECTION</u>	<u>4/15/04</u>	<u>18:30</u>	<u>L.R. Ray</u>	<u>4/15/04</u>	<u>18:30</u>

Circle if applicable: GW-1, GW-2, GW-3, S-1, S-2, S-3		Project Comments	
Send original lab. report to NCEES, 316 Granite St., Suite 8, Milford, MA 01757		MCP Data Enhancement QC Package? <u>Yes</u> <u>No</u>	

Container Types: P=Poly, G=Glass, AG=Amber Glass, V=Vial, St=Sterile
Matrix Codes: GW=Groundwater, SW=Surface Water, WW=Wastewater, NM=Non-Metal, M=Metal, S=Soil, SH=NaOH, SB=NaHSO₄, M=MeOH, T=Total

Turn Around Time	
Normal	EMAIL Report
5 Business days. Possible surcharge.	
Rush	(business days)

Lab Use Only	
Sample Pick Up Only	
RIAL sampled; attach field hours	
Shipped on ice	
Workorder No: <u>0404-05327</u>	

CHAIN OF CUSTODY RECORD

Page 2 of 2

Container Type Codes:	Preservative Codes:	Matrix Codes:
P=Plastic	NP=Non preserved	GW=Groundwater
V=Vial	S=Sulfuric	S=Soil
G=Glass	I=Cooled 4°C	WW=Wastewater
St=Sterile	H=HCL	SI=Sludge
AG=Amber Glass	N=Nitric	DW=Drinking Water
	M=Methanol	A=Air
O=Other (describe)	SB=NAHSO4	B=Bulk/Solid

Analysis Request

Project Information

Project Name / Location:

Relinquished by:

Received by:

Time

Turn Around Time:

EASTERN CONNECTION

EASTERN CONNECTION

L R Ray

4/15/04	1830
---------	------

1830

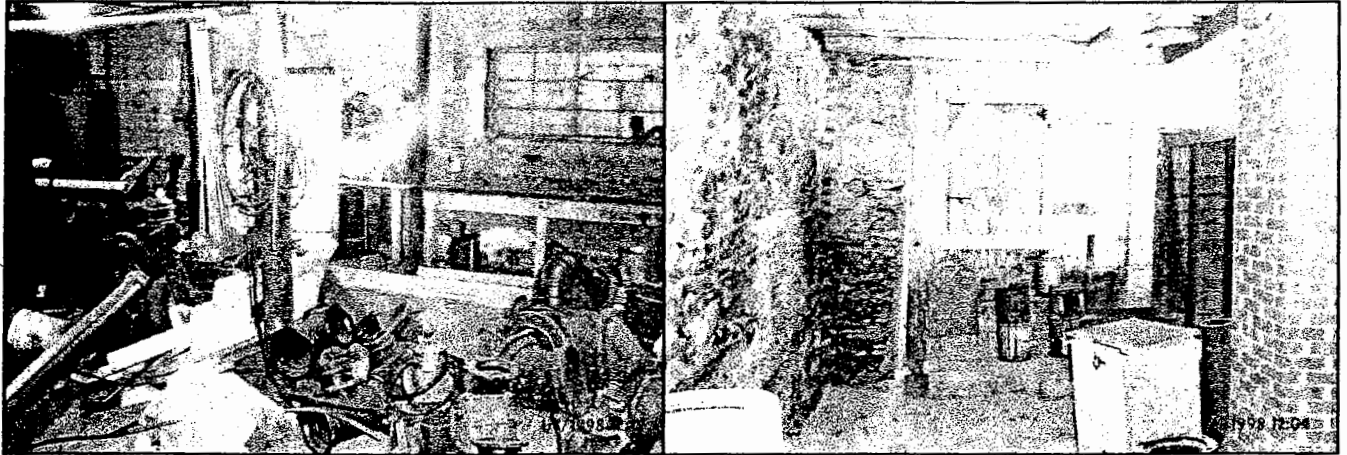
Project Comments:

RIAL USE ONLY:

☒ Pick-Up Only

Q RIAL Sampled

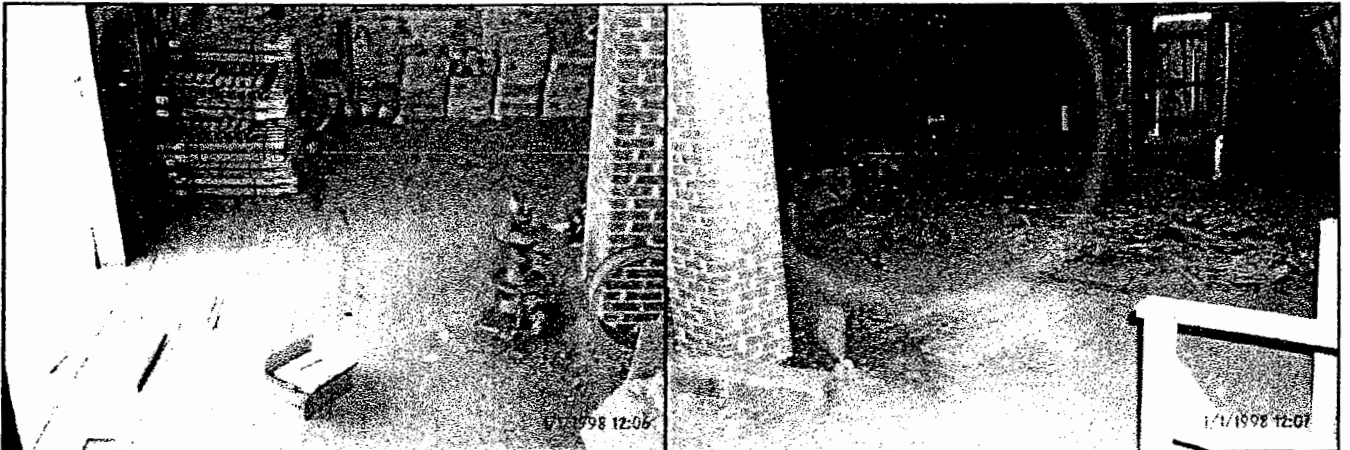
☐ Shipped on Ice, 01/1 - 1 E 3 7 7



Photographs 11 & 12: Contents of Building No. 2 ground floor. Buidling No. 2 2nd Floor.



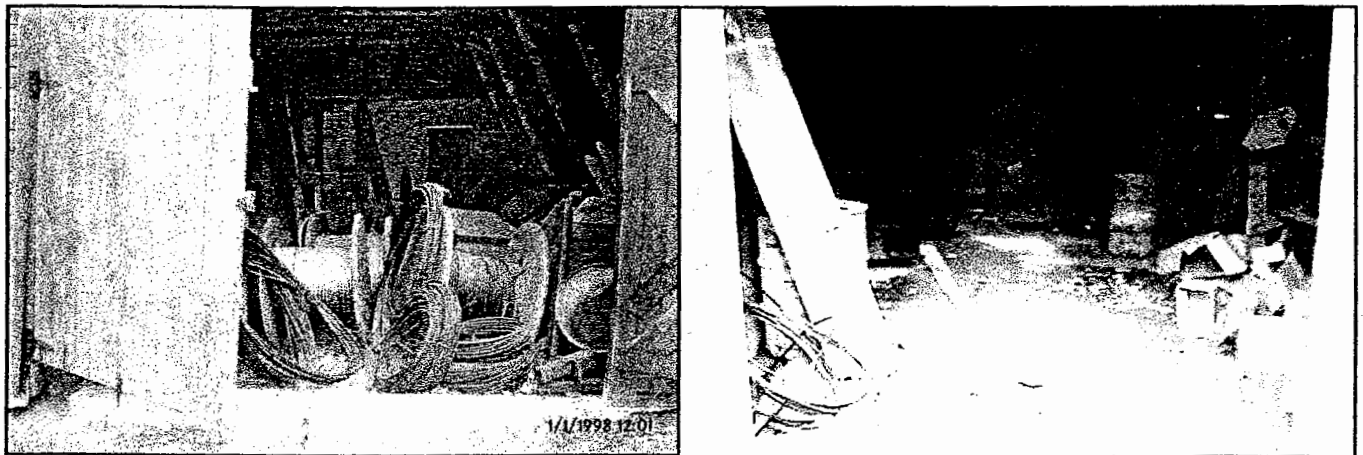
Photographs 13 & 14: Contents of Building No. 2 2nd floor. Buidling No. 2 3rd floor.



Photograph 15 & 16: Contents of Building No. 2 3rd floor. A Street entrance shown on right. Buidling No. 3 4th floor.



Photographs 5 & 6: Contents of Building No.1.



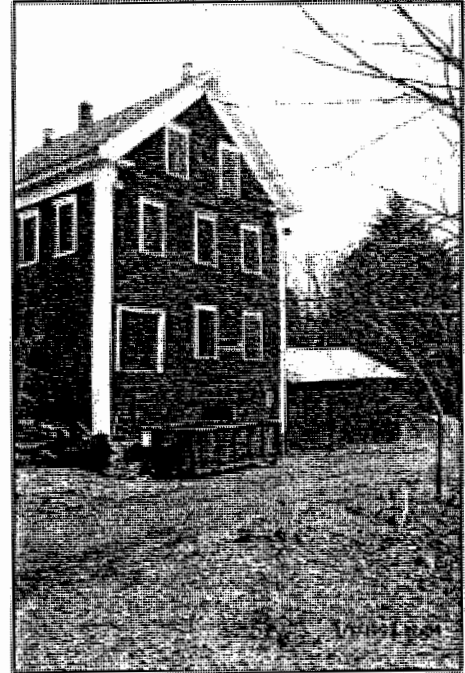
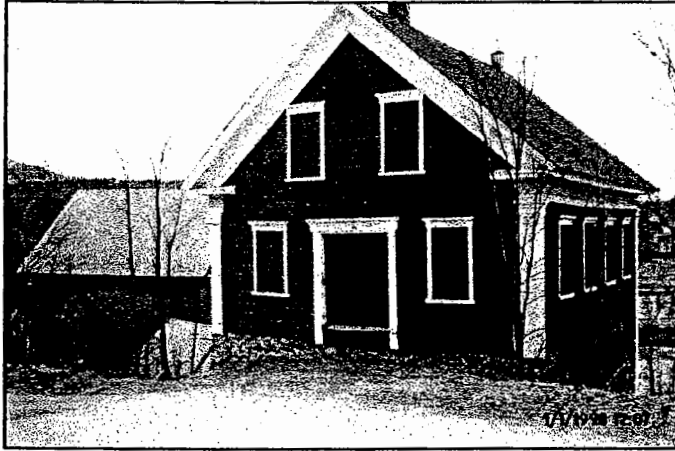
Photographs 7 & 8: Contents of Building No. 1. Contents of Building No. 2 attached garage.



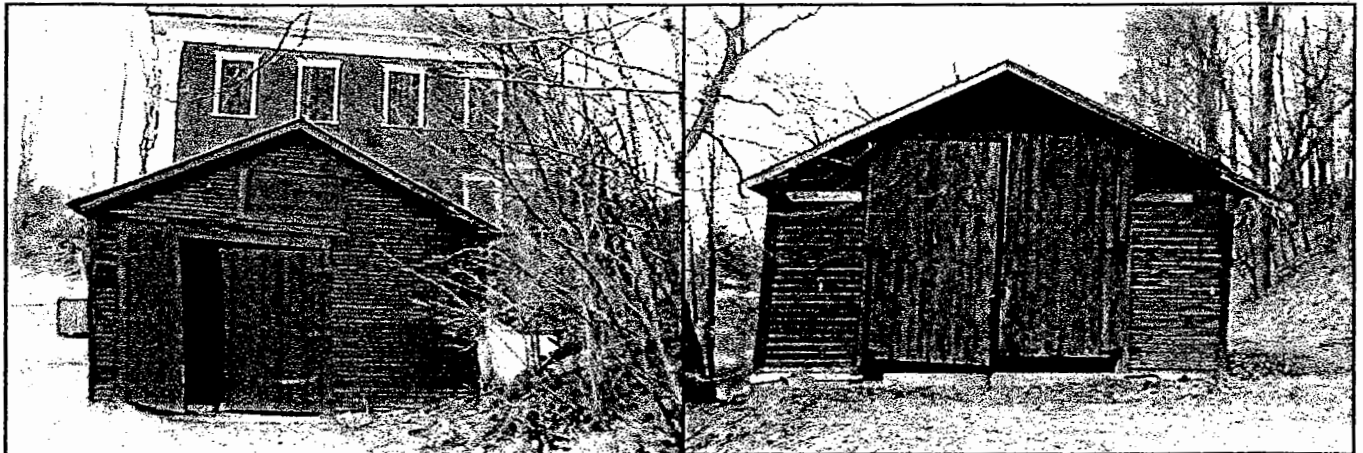
Photographs 9 & 10: Contents of Building No. 2 attached garage. Building No. 2 ground floor.

Morrisville Water & Light Department
A Street Facility
Morrisville, Vermont

Site Photographs



Photographs 1 & 2: Building No.2 from A Street. Building No.2 from the north along driveway.



Photographs 3 & 4: Garage attached to Building No.2 on the west side. Building No.1.

Appendix E

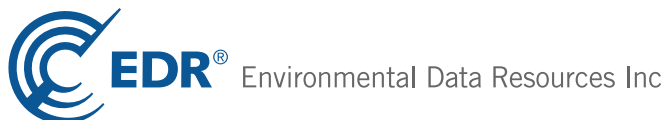
Electronic Data Resources (EDR) Report Executive Summary (Full electronic report on CD)

MWL Gristmill-Creamery

36 and 56 A Street
Morrisville, VT 05661

Inquiry Number: 2905639.1s
October 27, 2010

The EDR Radius Map™ Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Executive Summary	ES1
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Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	163
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

36 AND 56 A STREET
MORRISVILLE, VT 05661

COORDINATES

Latitude (North):	44.561700 - 44° 33' 42.1"
Longitude (West):	72.601200 - 72° 36' 4.3"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	690504.5
UTM Y (Meters):	4936845.0
Elevation:	641 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	44072-E5 MORRISVILLE, VT
Most Recent Revision:	1999
West Map:	44072-E6 STERLING MOUNTAIN, VT
Most Recent Revision:	1998

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Landfills and Transfer Stations

State and tribal leaking storage tank lists

LAST..... Sites Database
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Site Listing
INST CONTROL..... Institutional Control Sites Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site List

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Sites Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Listing
DRYCLEANERS..... Drycleaner Facilities List
NPDES..... Inventory of NPDES Permits
AIRS..... Permitted AIRS Facility Listing
TIER 2..... Tier 2 Data Listing
INDIAN RESERV..... Indian Reservations

EXECUTIVE SUMMARY

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH DOE..... Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE..... Financial Assurance Information Listing
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/02/2010 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>POWNAL TANNERY</i>	<i>ROUTE 346</i>	<i>N 1/2 - 1 (0.707 mi.)</i>	<i>40</i>	<i>135</i>

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3

EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUMBERLAND FARMS #4023	4023 MAIN & CONGRESS ST	E 1/8 - 1/4 (0.153 mi.)	D14	40
DENOIAS DRY CLEANERS	140 PORTLAND ST	NE 1/8 - 1/4 (0.199 mi.)	G25	93
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BOURNES INC	65 RANDOLPH RD	S 1/8 - 1/4 (0.204 mi.)	H28	107

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 7 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHUCKS BIKES	64 MAIN ST	ESE 0 - 1/8 (0.019 mi.)	1	7
BRIGHAM DENTAL CARE	58 BRIGHAM	ENE 1/8 - 1/4 (0.128 mi.)	9	35
POWER PLAY SPORTS	64 PORTLAND ST	ENE 1/8 - 1/4 (0.154 mi.)	15	47
BOURNES SHELL	18 BRIDGE ST	NE 1/8 - 1/4 (0.175 mi.)	F22	85
PLEASANT ST AUTO CARE	56 PLEASANT ST	ENE 1/8 - 1/4 (0.209 mi.)	29	117
RICHARDS AUTO BODY & REPAIR SH	86 UPPER MAIN ST	E 1/8 - 1/4 (0.237 mi.)	J36	125
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRAUN DENTAL	16C MAIN ST	WSW 0 - 1/8 (0.034 mi.)	A4	12

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Vermont Hazardous Waste Sites List.

A review of the SHWS list, as provided by EDR, and dated 09/17/2010 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DENOIA'S DRY CLEANERS Flag: ACTIVE Flag: ACTIVE <i>*Additional key fields are available in the Map Findings section</i>	140 PORTLAND STREET	NE 1/8 - 1/4 (0.200 mi.)	G26	96
BORNEMANN & GREEN MACHINE SHOP Flag: CLOSED	33 FOUNDRY ST	NNE 1/8 - 1/4 (0.225 mi.)	I31	120
H A MANOSH Flag: CLOSED	120 NORTHGATE PLAZA	NNE 1/2 - 1 (0.774 mi.)	41	161

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Vermont Hazardous Waste Sites List.

A review of the LUST list, as provided by EDR, and dated 09/17/2010 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WINDSHIELD WORLD Flag: CLOSED	22 PORTLAND ST	E 1/8 - 1/4 (0.140 mi.)	C11	38
MORRISVILLE MOBIL Flag: CLOSED	MAIN / CONGRESS ST	E 1/8 - 1/4 (0.153 mi.)	D13	40
BORNEMANN & GREEN MACHINE SHOP Flag: CLOSED	33 FOUNDRY ST	NNE 1/8 - 1/4 (0.225 mi.)	I31	120
EMERSON PROPERTY Flag: ACTIVE	120 PLEASANT ST.	NE 1/8 - 1/4 (0.235 mi.)	32	121
MORRISVILLE LUMBER Flag: CLOSED	207 PORTLAND ST	NE 1/8 - 1/4 (0.247 mi.)	38	135
PHELPS RESIDENCE Flag: CLOSED	397 UPPER MAIN ST	E 1/4 - 1/2 (0.332 mi.)	39	135

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's State of Vermont Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 08/31/2010 has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRPOINT	252 UNION STREET	SE 0 - 1/8 (0.100 mi.)	B8	33
WINDSHIELD WORLD	22 PORTLAND STREET	E 1/8 - 1/4 (0.140 mi.)	C10	37
BEN FRANKLIN/DROWNE BUILDING	18 PORTLAND STREET	E 1/8 - 1/4 (0.141 mi.)	C12	39
JIFFY MART MORRISVILLE SUNOCO	26 CONGRESS STREET	E 1/8 - 1/4 (0.156 mi.)	E18	61
DEMARS BUILDING, 2020 BROOKLYN	20-22 BROOKLYN STREET	N 1/8 - 1/4 (0.158 mi.)	19	67
CUMBERLAND FARMS #4023	20 UPPER MAIN STREET	E 1/8 - 1/4 (0.161 mi.)	D20	71
BOURNE'S SHELL FOODMART	18 BRIDGE STREET	NE 1/8 - 1/4 (0.175 mi.)	F21	77
BORNEMANN & GREENE MACHINE SHO	33 FOUNDRY STREET	NNE 1/8 - 1/4 (0.225 mi.)	I30	119
MORRISVILLE LUMBER COMPANY	FOUNDRY STREET	NE 1/8 - 1/4 (0.236 mi.)	I33	121
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARTHUR'S DEPT STORE	17 MAIN STREET ROUTE 10	WSW 0 - 1/8 (0.032 mi.)	A2	9
UNION BANK	16 MAIN STREET	WSW 0 - 1/8 (0.034 mi.)	A3	11

EXECUTIVE SUMMARY

AST: A listing of facilities with aboveground storage tanks.

A review of the AST list, as provided by EDR, and dated 12/31/2009 has revealed that there are 5 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAPLEFIELDS @ JOHNSON	143 LOWER MAIN STREET	E 0 - 1/8 (0.077 mi.)	5	14
FAIRPOINT MORRISVILLE CO (VT48	252 UNION ST	SE 0 - 1/8 (0.100 mi.)	B7	26
COCO-MORRISVILLE CITGO	26 CONGRESS STREET	E 1/8 - 1/4 (0.156 mi.)	E17	50
FIRST STUDENT, INC. #11789	30 VFW DRIVE	ENE 1/8 - 1/4 (0.244 mi.)	37	127
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BOURNE'S ENERGY - SHOP - MORRI	65 RANDOLPH ROAD	S 1/8 - 1/4 (0.204 mi.)	H27	97

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRPOINT COMMUNICATIONS	252 UNION ST	SE 0 - 1/8 (0.100 mi.)	B6	24
MCFARLANE ENT INC	26 CONGRESS ST MORRISVI	E 1/8 - 1/4 (0.156 mi.)	E16	49

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 06/01/2010 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POWNA TANNERY	ROUTE 346	N 1/2 - 1 (0.707 mi.)	40	135

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 03/29/2010 has revealed that there are 4 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUMBERLAND FARMS #4023	4023 MAIN & CONGRESS ST	E 1/8 - 1/4 (0.153 mi.)	D14	40
BOURNES SHELL	18 BRIDGE ST	NE 1/8 - 1/4 (0.175 mi.)	F23	87
DENOIAS DRY CLEANERS LLC	140 PORTLAND ST	NE 1/8 - 1/4 (0.199 mi.)	G24	88

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BOURNES INC</i>	<i>65 RANDOLPH RD</i>	<i>S 1/8 - 1/4 (0.204 mi.)</i>	<i>H28</i>	<i>107</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
R L VALLEE MOBIL	HWS
DECART	CERCLIS-NFRAP,FINDS,RCRA-NLR
P J'S MARKET	LUST
S AND B PITT STOP	LUST
BOURNES SERVICE CENTER	LUST
AMES PLAZA	UST
GETTY STATION #40, AMES PLAZA	UST
MANOSH CAR WASH	UST
H A MANOSH CORP	UST
BOURNE'S INC. OF MORRISVILLE	UST
RIVERVIEW GARAGE	UST
MORRISTOWN ELEMENTARY SCHOOL	UST
STOWE ROAD MARKET-IRVING	UST
MORRISVILLE ARMORY	UST
BOURNE'S BULK PLANT	LAST
NYNEX	FINDS,RCRA-NLR
BRYSTIE INC	FINDS,RCRA-NLR
ALLEN SHERMAN V INC DBA MACKS	FINDS,MANIFEST,RCRA-CESQG
SWEET & BURT OFFICE & WAREHOUSE	FINDS,RCRA-CESQG
R L VALLEE MORRISVILLE MOBIL	FINDS,RCRA-CESQG
H A MANOSH CORP	FINDS,RCRA-CESQG
CONCEPT 2	FINDS,RCRA-CESQG
BILLS BODYWORKS	FINDS,RCRA-CESQG
VT AGENCY OF TRANSPORTATION	MANIFEST
GETTY STATION	MANIFEST
MORRISVILLE MOBIL	MANIFEST
MCMAHON CHEVROLET	MANIFEST
MCMAHON CHEVROLET, BUICK	MANIFEST
DISTRICT 6 HIGHWAY GARAGE	MANIFEST

OVERVIEW MAP - 2905639.1s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

● Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

National Wetland Inventory

State Wetlands

0 1/4 1/2 1 Miles

SITE NAME: MWL Gristmill-Creamery
ADDRESS: 36 and 56 A Street
Morrisville VT 05661
LAT/LONG: 44.5617 / 72.6012

CLIENT: Weston & Sampson Engineers, Inc.
CONTACT: Kevin McAleer
INQUIRY #: 2905639.1s
DATE: October 27, 2010 12:37 pm

DETAIL MAP - 2905639.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚒 National Priority List Sites
- 🏢 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- 🛢 Oil & Gas pipelines
- 🌿 National Wetland Inventory
- 🌿 State Wetlands

0 1/16 1/8 1/4 Miles



SITE NAME: MWL Gristmill-Creamery
 ADDRESS: 36 and 56 A Street
 Morrisville VT 05661
 LAT/LONG: 44.5617 / 72.6012

CLIENT: Weston & Sampson Engineers, Inc
 CONTACT: Kevin Mcaleer
 INQUIRY #: 2905639.1s
 DATE: October 27, 2010 12:38 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP	TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	3	NR	NR	NR	3
RCRA-CESQG		0.250	2	5	NR	NR	NR	7
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP	TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	2	0	1	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	5	1	NR	NR	6
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	3	8	NR	NR	NR	11

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	2	3	NR	NR	NR	5
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA-NonGen		0.250	1	1	NR	NR	NR	2
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	1	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	6	NR	NR	NR	6
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

1
ESE
< 1/8
0.019 mi.
100 ft.

CHUCKS BIKES
64 MAIN ST
MORRISTOWN, VT 05661

RCRA-CESQG

1007371804
VTR000510446

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 03/05/2008

Facility name: CHUCKS BIKES

Facility address: 64 MAIN ST
MORRISVILLE
MORRISTOWN, VT 05661

EPA ID: VTR000510446

Mailing address: PO BOX 242
MORRISVILLE, VT 05661

Contact: HENRY GLOWIAK

Contact address: PO BOX 242
MORRISVILLE, VT 05661

Contact country: US

Contact telephone: (802) 888-7642

Contact email: Not reported

EPA Region: 01

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: HENRY GLOWIAK

Owner/operator address: PO BOX 242
MORRISVILLE, VT 05661

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 06/20/1999

Owner/Op end date: Not reported

Owner/operator name: HENRY GLOWIAK

Owner/operator address: PO BOX 242
MORRISVILLE, VT 05661

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 06/20/1999

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUCKS BIKES (Continued)

1007371804

Owner/operator name: BOB ROLLINS
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/14/2004
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/14/2004
Facility name: CHUCKS BIKES
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHUCKS BIKES (Continued)

1007371804

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

A2
WSW
< 1/8
0.032 mi.
170 ft.

ARTHUR'S DEPT STORE
17 MAIN STREET ROUTE 100
MORRISTOWN, VT 05661

UST U003545305
N/A

Site 1 of 3 in cluster A

Relative:
Lower

UST:
Facility ID: 8883125
Facility Status: ACTIVE

Actual:
624 ft.

Facility:
Sites Id: Not reported
Pin: Not reported
Permitted To: Not reported
Landowner: ATA Realty Inc
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: Not reported
Site Code: Not reported
Removed: Not reported
Receipt: Not reported
Owner Name: ATA Realty Inc
Owner Person: Not reported
Owner Address: 17 Main Street
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: Not reported
Operator Name: ATA Realty Inc
Operator Person: Not reported
Operator Address: 17 Main Street
Operator City,St,Zip: Morrisville, VT 05661
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 15251
Tank Status: ACTIVE
Tank Label: 1970-1
Year Removed: Not reported
Capacity (Gal): 10000
Category One: UST
Tank Protect: U
CP Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARTHUR'S DEPT STORE (Continued)

U003545305

Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 15397
Compartment Label: 1970-1/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 15397
Compartment Label: 15397
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1970
Pipe Protection: Unprotected steel
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 15252
Tank Status: ACTIVE
Tank Label: 1973-2
Year Removed: Not reported
Capacity (Gal): 2000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 15398
Compartment Label: 1973-2/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 15398
Compartment Label: 15398
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1973
Pipe Protection: Unprotected steel
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARTHUR'S DEPT STORE (Continued)

U003545305

Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

**A3
WSW
< 1/8
0.034 mi.
179 ft.**

**UNION BANK
16 MAIN STREET
MORRISTOWN, VT**

**UST U004114318
N/A**

Site 2 of 3 in cluster A

**Relative:
Lower**

UST:
Facility ID: 5551384
Facility Status: PULLED

**Actual:
623 ft.**

Facility:
Sites Id: Not reported
Pin: Not reported
Permitted To: Not reported
Landowner: Union Bank
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1
Site Code: B
Removed: 1
Receipt: Not reported
Owner Name: Union Bank
Owner Person: Paul Grogan
Owner Address: 16 Main Street
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: Not reported
Operator Name: Not reported
Operator Person: Not reported
Operator Address: Not reported
Operator City,St,Zip: Not reported
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 15903
Tank Status: PULLED
Tank Label: -1-1-R
Year Removed: 2007
Capacity (Gal): 500
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: FAIR
Date Reference: Not reported

Compartment:

Comp Id: 16109
Compartment Label: -1-1-R/A
Substance: Fuel Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION BANK (Continued)

U004114318

Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 16109
Compartment Label: 16222
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

A4
WSW
< 1/8
0.034 mi.
181 ft.

BRAUN DENTAL
16C MAIN ST
MORRISTOWN, VT 05661

RCRA-CESQG **1006811982**
FINDS **VTR000505057**

Site 3 of 3 in cluster A

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 01/25/2007
Facility name: BRAUN DENTAL
Facility address: 16C MAIN ST
MORRISTOWN, VT 05661
EPA ID: VTR000505057
Mailing address: PO BOX 670
MORRISVILLE, VT 05661
Contact: PENNY WELLS
Contact address: PO BOX 670
MORRISVILLE, VT 05661
Contact country: US
Contact telephone: (802) 888-6922
Contact email: Not reported
EPA Region: 01
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: DR PETER BRAUN DMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAUN DENTAL (Continued)

1006811982

Owner/operator address: 12 COTTAGE ST
BARRE, VT 05641
Owner/operator country: Not reported
Owner/operator telephone: (802) 476-3638
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/25/2002
Facility name: BRAUN DENTAL
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110013359677

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAUN DENTAL (Continued)

1006811982

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

5
East
< 1/8
0.077 mi.
405 ft.

MAPLEFIELDS @ JOHNSON
143 LOWER MAIN STREET
JOHNSON, VT 05661

AST S109112563
TIER 2 N/A

Relative:
Higher

AST:
Facility Id: FATR200972NZKY0026MN
Facility Country: USA
Failed Validation: Not reported
Report Year: 2009
Facility Notes: Not reported

Actual:
666 ft.

Chem Inv:
Report Year: 2009
Chem Inv Record ID: CVTR200972NZS5005JY6
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 3/16/2010
Days On Site: 365
Entered Chem Name: FUELS, GASOLINE
Fire: True
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: vt2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: CVTR200972NZS5005JY6
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Underground Storage Tank
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/16/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Report Year: 2009
Chem Inv Record ID: CVTR200972P50J007VPF
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 68334-30-5
EHS Chemical: Not reported
Last Modified: 3/16/2010
Days On Site: 365
Entered Chem Name: DIESEL FUEL
Fire: True
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: vt2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: CVTR200972P50J007VPF
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Underground Storage Tank
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/16/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported

TIER 2:
Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Mail Address: Not reported
Mail City,St,Zip: Not reported
Mail Country: Not reported
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Andrea Dukas
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20086C87TD00QVSP
Date Signed: 2/26/2009
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/14/2009
FEE TOTAL: 235
EMPLOYEE NUMBER: Not reported
REP YEAR: 2008
Notes: Not reported

Chem Inv:

Reported Year: 2008
Chem Inv Record ID: CVTR20086C88FN0114EY
Acute: True
Ave Amount: Not reported
Ave Amount Code: 3
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 8008-20-6
EHS Chemical: Not reported
Last Modified: 3/4/2009
Days On Site: 365
Entered Chem Name: Kerosene
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 3
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:

Reported Year: 2008
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: above ground storage tank
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/4/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

MX EHS:	Not reported
MX Last Modified:	Not reported
Reported Year:	2008
Chem Inv Record ID:	CVTR20086C88B800XBCM
Acute:	True
Ave Amount:	Not reported
Ave Amount Code:	4
Chem Same As Last Yr:	Not reported
Chronic:	True
CAS NUMBER:	8006-61-9
EHS Chemical:	Not reported
Last Modified:	3/4/2009
Days On Site:	365
Entered Chem Name:	Gasoline
Fire:	True
Gas:	Not reported
Liquid:	True
Mixture:	True
Max Amount:	Not reported
Max Amount Code:	4
Max Amt Container:	Not reported
Pressure:	Not reported
Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	VT2008
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2008
Type Code:	B
Pressure Code:	1
Temperature Code:	4
Location:	underground
Amount:	92250
Amount Unit:	pounds
Last Modified:	3/4/2009
Reported Year:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Reported Year:	2008
Chem Inv Record ID:	CVTR20086C88D500ZZK0
Acute:	True
Ave Amount:	Not reported
Ave Amount Code:	4
Chem Same As Last Yr:	Not reported
Chronic:	True
CAS NUMBER:	68334-30-5
EHS Chemical:	Not reported
Last Modified:	3/4/2009
Days On Site:	365
Entered Chem Name:	Diesel
Fire:	True
Gas:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 4
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:
Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: underground
Amount: 85200
Amount Unit: pounds
Last Modified: 3/4/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: This facility passed all validation checks.

Facility Dept: Johnson
Failed Validation: Not reported
Fire District: Not reported
Mail Address: PO Box 608
Mail City,St,Zip: Johnson, VT 5656
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Charles S. Conger - President
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20085EGMKD00JXP7
Date Signed: 5/7/2009
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/14/2009
FEE TOTAL: 180
EMPLOYEE NUMBER: Not reported
REP YEAR: 2008
Notes: Not reported

Chem Inv:
Reported Year: 2008
Chem Inv Record ID: CVTR20085EGMSP00X7UG
Acute: Not reported
Ave Amount: Not reported
Ave Amount Code: 4
Chem Same As Last Yr: Not reported
Chronic: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

CAS NUMBER: 68334-30-5
EHS Chemical: Not reported
Last Modified: 5/13/2009
Days On Site: 365
Entered Chem Name: DIESEL FUEL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 4
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:
Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: UST at facility, Northwest corner of property.
Amount: 76,800
Amount Unit: pounds
Last Modified: 5/13/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR20085EGMU200ZEC8
Acute: Not reported
Ave Amount: Not reported
Ave Amount Code: 4
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 5/13/2009
Days On Site: 365
Entered Chem Name: GASOLINE
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 4
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:

Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: 1-15000 gallon 2 compartment UST located at the Northwest corner of property.
Amount: 91,200
Amount Unit: pounds
Last Modified: 5/13/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: Not reported
Mail City,St,Zip: Not reported
Mail Country: Not reported
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Andrea Dukas
Chem Same As Last Yr: Not reported
Facility Record ID: FATR200972NZKY0026MN
Date Signed: 3/11/2010
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/22/2010
FEE TOTAL: 180
EMPLOYEE NUMBER: Not reported
REP YEAR: 2009
Notes: Not reported

Chem Inv:

Reported Year: 2009
Chem Inv Record ID: CVTR200972NZS5005JY6
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 3/16/2010
Days On Site: 365
Entered Chem Name: FUELS, GASOLINE
Fire: True
Gas: Not reported
Liquid: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Mixture:	True
Max Amount:	Not reported
Max Amount Code:	04
Max Amt Container:	Not reported
Pressure:	Not reported
Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	vt2009
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2009
Type Code:	B
Pressure Code:	1
Temperature Code:	4
Location:	Underground Storage Tank
Amount:	Not reported
Amount Unit:	pounds
Last Modified:	3/16/2010
Reported Year:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Reported Year:	2009
Chem Inv Record ID:	CVTR200972P50J007VPF
Acute:	True
Ave Amount:	Not reported
Ave Amount Code:	04
Chem Same As Last Yr:	Not reported
Chronic:	True
CAS NUMBER:	68334-30-5
EHS Chemical:	Not reported
Last Modified:	3/16/2010
Days On Site:	365
Entered Chem Name:	DIESEL FUEL
Fire:	True
Gas:	Not reported
Liquid:	True
Mixture:	True
Max Amount:	Not reported
Max Amount Code:	04
Max Amt Container:	Not reported
Pressure:	Not reported
Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	vt2009
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2009
Type Code:	B
Pressure Code:	1
Temperature Code:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Location: Underground Storage Tank
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/16/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: Johnson
Failed Validation: Not reported
Fire District: Not reported
Mail Address: PO Box 608
Mail City,St,Zip: Johnson, VT 05656
Mail Country: Not reported
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Charles S. Conger - President
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20075EGMKD00JXP7
Date Signed: Not reported
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/22/2008
FEE TOTAL: Not reported
EMPLOYEE NUMBER: Not reported
REP YEAR: 2007
Notes: Not reported

Fac Id:

Description: LIQ PETROL GAS (BOT GAS) DEALR
Facility Id: FATR20075EGMKD00JXP7
Id: 5984
Last Modified: 10/24/2007
Record Key: FDTR20075EGMKD00KXQL
Id Type: SIC

Description: Not reported
Facility Id: FATR20075EGMKD00JXP7
Id: 01-911-1665
Last Modified: 10/24/2007
Record Key: FDTR20075EGMKD00LXQL
Id Type: Dun & Bradstreet

Chem Inv:

Reported Year: 2007
Chem Inv Record ID: CVTR20075EGMSP00X7UG
Acute: Not reported
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 68334-30-5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

EHS Chemical: Not reported
Last Modified: 3/5/2008
Days On Site: 365
Entered Chem Name: DIESEL FUEL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2007
Trade Secret: Not reported

Chem Loc:
Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: UST at facility
Amount: Not reported
Amount Unit: pounds
Last Modified: 10/24/2007
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2007
Chem Inv Record ID: CVTR20075EGMU200ZEC8
Acute: Not reported
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 3/5/2008
Days On Site: 365
Entered Chem Name: GASOLINE
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAPLEFIELDS @ JOHNSON (Continued)

S109112563

Trade Secret: Not reported
Chem Loc:
Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: UST at facility
Amount: Not reported
Amount Unit: pounds
Last Modified: 10/24/2007
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

**B6
SE
< 1/8
0.100 mi.
529 ft.**

**FAIRPOINT COMMUNICATIONS
252 UNION ST
MORRISTOWN, VT 05661**

**RCRA-NonGen 1000112410
FINDS VTD980510739**

Site 1 of 3 in cluster B

**Relative:
Higher**

RCRA-NonGen:
Date form received by agency: 02/03/2009
Facility name: FAIRPOINT COMMUNICATIONS
Facility address: 252 UNION ST
MORRISVILLE
MORRISTOWN, VT 05661
EPA ID: VTD980510739
Mailing address: DAVIS FARM RD
PORTLAND, ME 04103
Contact: SCOTT ALLOCCA
Contact address: DAVIS FARM RD
PORTLAND, ME 04103
Contact country: US
Contact telephone: (207) 648-3405
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
666 ft.**

Owner/Operator Summary:

Owner/operator name: FAIRPOINT COMMUNICATIONS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/31/2008
Owner/Op end date: Not reported

Owner/operator name: TELEPHONE OPERATING CO OF VT LLC
Owner/operator address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT COMMUNICATIONS (Continued)

1000112410

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/31/2008
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: CATHODE RAY TUBES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: PCB-CONTAINING LIGHT BALLASTS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Z
Accumulated waste on-site: No
Generated waste on-site: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT COMMUNICATIONS (Continued)

1000112410

Historical Generators:

Date form received by agency: 03/03/2008

Facility name: FAIRPOINT COMMUNICATIONS

Site name: VERIZON CTRL OFF

Classification: Not a generator, verified

Date form received by agency: 01/10/2001

Facility name: FAIRPOINT COMMUNICATIONS

Site name: VERIZON CTRL OFF

Classification: Not a generator, verified

Date form received by agency: 03/02/1981

Facility name: FAIRPOINT COMMUNICATIONS

Site name: VERIZON CTRL OFF

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110008206672

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**B7
SE
< 1/8
0.100 mi.
529 ft.**

**FAIRPOINT MORRISVILLE CO (VT484807)
252 UNION ST
MORRISVILLE, VT 05661**

**AST S109113218
TIER 2 N/A**

Site 2 of 3 in cluster B

**Relative:
Higher**

AST:

Facility Id: FATR2009VT484807

Facility Country: USA

Failed Validation: Not reported

Report Year: 2009

Facility Notes: Not reported

**Actual:
666 ft.**

Chem Inv:

Report Year: 2009

Chem Inv Record ID: VT484807C0024

Acute: True

Ave Amount: 21900

Ave Amount Code: 04

Chem Same As Last Yr: Not reported

Chronic: True

CAS NUMBER: 68476-34-6

EHS Chemical: Not reported

Last Modified: 2/22/2010

Days On Site: 365

Entered Chem Name: DIESEL FUEL

Fire: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

Gas: Not reported
Liquid: T
Mixture: Not reported
Max Amount: 21900
Max Amount Code: 04
Max Amt Container: 21900
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: VT484807C0024
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Outside - Main Bldg-
Amount: 21900
Amount Unit: pounds
Last Modified: 2/22/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Report Year: 2009
Chem Inv Record ID: VT484807C43625
Acute: True
Ave Amount: 19038
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 7664-93-9
EHS Chemical: T
Last Modified: 2/22/2010
Days On Site: 365
Entered Chem Name: Lead Acid Batteries
Fire: True
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: 19038
Max Amount Code: 04
Max Amt Container: 346
Pressure: Not reported
Pure: Not reported
Reactive: True
Solid: True
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

Report Year: 2009
Chemical Inv Record ID: VT484807C43625
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Floor 1-
Amount: 16608
Amount Unit: pounds
Last Modified: 2/22/2010
Report Year: 2009
Chemical Inv Record ID: VT484807C43625
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Inside - Main Bldg-
Amount: 1620
Amount Unit: pounds
Last Modified: 2/22/2010
Report Year: 2009
Chemical Id: VT484807C43625
MX Chem: SULFURIC ACID
Percentage: 7.36
MX CAS: 7664-93-9
Wt Vol: Wt
MX EHS: T
MX Last Modified: 2/22/2010

TIER 2:

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 700 Hidden Ridge, HQW01J08 Attn: SARA Compliance
Mail City,St,Zip: Irving, TX 75038
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: David M. Jean
Chem Same As Last Yr: Not reported
Facility Record ID: FATR2007VT484807
Date Signed: 01/07/2008
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/22/2008
FEE TOTAL: Not reported
EMPLOYEE NUMBER: 5
REP YEAR: 2007
Notes: Not reported

Fac Id:

Description: Not reported
Facility Id: FATR2007VT484807
Id: 107212169
Last Modified: 01/07/2008
Record Key: FATR2007VT484807DB
Id Type: Dun & Bradstreet

Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

Facility Id: FATR2007VT484807
Id: 232259884
Last Modified: 01/07/2008
Record Key: FATR2007VT484807EIN
Id Type: EIN #

Description: Not reported
Facility Id: FATR2007VT484807
Id: 517110
Last Modified: 01/07/2008
Record Key: FATR2007VT484807NAICS
Id Type: NAICS

Description: TELEPHONE COM, EXCEPT RADIO
Facility Id: FATR2007VT484807
Id: 4813
Last Modified: 01/07/2008
Record Key: FATR2007VT484807SIC
Id Type: SIC

Chem Inv:

Reported Year: 2007
Chem Inv Record ID: VT484807C0024
Acute: True
Ave Amount: 21900
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 68476-34-6
EHS Chemical: Not reported
Last Modified: 1/22/2008
Days On Site: 365
Entered Chem Name: DIESEL FUEL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 21900
Max Amount Code: 04
Max Amt Container: 21900
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2007
Trade Secret: Not reported

Chem Loc:

Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Outside - Main Bldg-
Amount: 21900
Amount Unit: pounds
Last Modified: 1/22/2008
Reported Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2007
Chem Inv Record ID: VT484807C43625
Acute: True
Ave Amount: 17418
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 7664-93-9
EHS Chemical: T
Last Modified: 1/22/2008
Days On Site: 365
Entered Chem Name: Lead Acid Batteries
Fire: True
Gas: Not reported
Liquid: Not reported
Mixture: True
Max Amount: 17418
Max Amount Code: 04
Max Amt Container: 346
Pressure: Not reported
Pure: Not reported
Reactive: True
Solid: True
State Label Code: VT2007
Trade Secret: Not reported

Chem Loc:

Reported Year: 2007
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Inside - Main Bldg-
Amount: 810
Amount Unit: pounds
Last Modified: 1/22/2008
Reported Year: 2007
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Floor 1-
Amount: 16608
Amount Unit: pounds
Last Modified: 1/22/2008
Reported Year: 2007
MX Chem: LEAD AND LEAD SULFATE
Percentage: 69.530000
MX CAS: 7439-92-1
Wt Vol: Wt
MX EHS: Not reported
MX Last Modified: 1/22/2008
Reported Year: 2007
MX Chem: SULFURIC ACID

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

Percentage: 7.360000
MX CAS: 7664-93-9
Wt Vol: Wt
MX EHS: T
MX Last Modified: 1/22/2008
Valid: Not reported

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 1 Davis Farm Road
Mail City,St,Zip: Portland, ME 04103
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Scott G. Allocca
Chem Same As Last Yr: Not reported
Facility Record ID: FATR2009VT484807
Date Signed: 2/19/2010
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/22/2010
FEE TOTAL: Not reported
EMPLOYEE NUMBER: 4
REP YEAR: 2009
Notes: Not reported

Chem Inv:

Reported Year: 2009
Chem Inv Record ID: VT484807C0024
Acute: True
Ave Amount: 21900
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 68476-34-6
EHS Chemical: Not reported
Last Modified: 2/22/2010
Days On Site: 365
Entered Chem Name: DIESEL FUEL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 21900
Max Amount Code: 04
Max Amt Container: 21900
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Reported Year: 2009
Type Code: B
Pressure Code: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

Temperature Code: 4
Location: Outside - Main Bldg-
Amount: 21900
Amount Unit: pounds
Last Modified: 2/22/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2009
Chem Inv Record ID: VT484807C43625
Acute: True
Ave Amount: 19038
Ave Amount Code: 04
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 7664-93-9
EHS Chemical: T
Last Modified: 2/22/2010
Days On Site: 365
Entered Chem Name: Lead Acid Batteries
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 19038
Max Amount Code: 04
Max Amt Container: 346
Pressure: Not reported
Pure: Not reported
Reactive: True
Solid: True
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Floor 1-
Amount: 16608
Amount Unit: pounds
Last Modified: 2/22/2010
Reported Year: 2009
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Inside - Main Bldg-
Amount: 1620
Amount Unit: pounds
Last Modified: 2/22/2010
Reported Year: 2009
MX Chem: SULFURIC ACID
Percentage: 7.36

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT MORRISVILLE CO (VT484807) (Continued)

S109113218

MX CAS: 7664-93-9
Wt Vol: Wt
MX EHS: T
MX Last Modified: 2/22/2010
Valid: Not reported

**B8
SE
< 1/8
0.100 mi.
529 ft.**

**FAIRPOINT
252 UNION STREET
MORRISTOWN, VT 05661**

**UST U003072791
N/A**

Site 3 of 3 in cluster B

**Relative:
Higher**

UST:
Facility ID: 899
Facility Status: ACTIVE

**Actual:
666 ft.**

Facility:
Sites Id: Not reported
Pin: BR96-0086
Permitted To: Tank Operator
Landowner: Telephone Oprtg Co of VT LLC
Permit Expires: 4/1/2013
Fee Status: Not reported
Tanks Pulled: Not reported
Site Code: Not reported
Removed: Not reported
Receipt: Insured
Owner Name: Telephone Oprtg Co of VT LLC
Owner Person: Susan L Sowell VP & AGCounsel
Owner Address: 521 E Morehead Street Suite 250
Owner City,St,Zip: Charlotte, NC 28202
Owner Telephone: 704-344-8150
Operator Name: Telephone Operating Co/Fairpoint
Operator Person: Scott Allocca Mgr EH&S
Operator Address: 1 Davis Farm Road
Operator City,St,Zip: Portland, ME 04103
Operator Telephone: 207-648-3130
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 9621
Tank Status: PULLED
Tank Label: 1966-1-R
Year Removed: 1992
Capacity (Gal): 500
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: GOOD
Date Reference: Not reported

Compartment:

Comp Id: 9659
Compartment Label: 1966-1-R/A
Substance: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT (Continued)

U003072791

Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 9659
Compartment Label: 9659
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 9622
Tank Status: ACTIVE
Tank Label: 1992-1
Year Removed: Not reported
Capacity (Gal): 3000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 9660
Compartment Label: 1992-1/A
Substance: Diesel
Spill: Spill
Overfill: YA

Piping:

Comp Id: 9660
Compartment Label: 9660
Pipe Seq: 1
Pipe Type: generator
Pipe Installation Year: 1997
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

Comp Id: 9660
Compartment Label: 16313
Pipe Seq: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRPOINT (Continued)

U003072791

Pipe Type: furnace
Pipe Installation Year: 1997
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: 1e
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

9
ENE
1/8-1/4
0.128 mi.
675 ft.

BRIGHAM DENTAL CARE
58 BRIGHAM
MORRISTOWN, VT 05661

RCRA-CESQG **1006811938**
FINDS **VTR000504613**

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 03/05/2008

Facility name: BRIGHAM DENTAL CARE

Facility address: 58 BRIGHAM
MORRISVILLE
MORRISTOWN, VT 05661

EPA ID: VTR000504613

Mailing address: PO BOX 636
MORRISVILLE, VT 05661

Contact: MATTHEW EBERT

Contact address: PO BOX 636
MORRISVILLE, VT 05661

Contact country: US

Contact telephone: (802) 888-5685

Contact email: Not reported

EPA Region: 01

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ED OLSEN

Owner/operator address: PO BOX 636
MORRISVILLE, VT 05661

Owner/operator country: Not reported

Owner/operator telephone: (802) 888-5685

Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRIGHAM DENTAL CARE (Continued)

1006811938

Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: MATTHEW EBERT
Owner/operator address: PO BOX 636
MORRISVILLE, VT 05661

Owner/operator country: US
Owner/operator telephone: (802) 888-5685
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/19/2005
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 05/19/2005
Facility name: BRIGHAM DENTAL CARE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/24/2002
Facility name: BRIGHAM DENTAL CARE
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRIGHAM DENTAL CARE (Continued)

1006811938

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110013360157

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C10
East
1/8-1/4
0.140 mi.
742 ft.

WINDSHIELD WORLD
22 PORTLAND STREET
MORRISTOWN, VT
Site 1 of 3 in cluster C

UST **U003517204**
N/A

Relative:
Higher

UST:
Facility ID: 9991070
Facility Status: PULLED

Actual:
673 ft.

Facility:
Sites Id: 982441
Pin: Not reported
Permitted To: Not reported
Landowner: ** Unknown ***
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1
Site Code: C
Removed: 1
Receipt: Not reported
Owner Name: Barb Tomlinson
Owner Person: Not reported
Owner Address: PO Box 425
Owner City,St,Zip: Morrisville, VT
Owner Telephone: Not reported
Operator Name: Barb Tomlinson
Operator Person: Not reported
Operator Address: PO Box 425
Operator City,St,Zip: Morrisville, VT
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 6277
Tank Status: PULLED
Tank Label: -1-1
Year Removed: 1998
Capacity (Gal): 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WINDSHIELD WORLD (Continued)

U003517204

Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 6270
Compartment Label: -1-1/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 6270
Compartment Label: 6270
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

C11
East
1/8-1/4
0.140 mi.
742 ft.

WINDSHIELD WORLD
22 PORTLAND ST
MORRISTOWN, VT

Site 2 of 3 in cluster C

LUST S103452639
N/A

Relative:
Higher

LUST:

Actual:
673 ft.

Facility ID: 982441
Discovery Date: 7/7/1998 0:00:00
Closure Date: 3/1/1999 0:00:00
Flag: CLOSED
Priority: Site Management Activity Completed
Staff: Richard Spiese
Owner: Barbara Tomlinson
Owner Address: P O Box 425
Owner City,St,Zip: Morrisville, VT 05661
Project Status: Soils removed and treated. Investigation showed very limited soil contamination.
Source: UST-Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C12
East
1/8-1/4
0.141 mi.
747 ft.
BEN FRANKLIN/DROWNE BUILDING
18 PORTLAND STREET
MORRISTOWN, VT 05661
Site 3 of 3 in cluster C

UST **U003515781**
N/A

Relative:
Higher

UST:
Facility ID: 2717
Facility Status: PULLED

Actual:
674 ft.

Facility:
Sites Id: Not reported
Pin: Not reported
Permitted To: Not reported
Landowner: Adrian West and Rethel Dorain
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1
Site Code: A
Removed: 1
Receipt: Not reported
Owner Name: Adrian West and Rethel Dorain
Owner Person: Not reported
Owner Address: Lock Box 725
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: 802-888-5111
Operator Name: Adrian West and Rethel Dorain
Operator Person: Not reported
Operator Address: Lock Box 725
Operator City,St,Zip: Morrisville, VT 05661
Operator Telephone: 802-888-5111
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 2259
Tank Status: PULLED
Tank Label: 1980-1-R
Year Removed: 1999
Capacity (Gal): 5000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: GOOD
Date Reference: N/A

Compartment:

Comp Id: 2256
Compartment Label: 1980-1-R/A
Substance: Fuel Oil
Spill: None
Overfill: N

Piping:

Comp Id: 2256
Compartment Label: 2256
Pipe Seq: 1
Pipe Type: DEFAULT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEN FRANKLIN/DROWNE BUILDING (Continued)

U003515781

Pipe Installation Year: 1980
Pipe Protection: Unprotected steel
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

D13
East
1/8-1/4
0.153 mi.
809 ft.

MORRISVILLE MOBIL
MAIN / CONGRESS ST
MORRISTOWN, VT

Site 1 of 3 in cluster D

LUST **S103451639**
N/A

Relative:
Higher

LUST:

Actual:
679 ft.

Facility ID: 900505
Discovery Date: 1/1/1990 0:00:00
Closure Date: 1/23/2008 0:00:00
Flag: CLOSED
Priority: Site Management Activity Completed
Staff: Richard Spiese
Owner: Mobil Oil Corp
Owner Address: 187 Wolf Rd
Owner City,St,Zip: Albany, NY 12205
Project Status: Soils Spread. Monitoring on annual basis.
Source: UST-Gasoline

D14
East
1/8-1/4
0.153 mi.
809 ft.

CUMBERLAND FARMS #4023
4023 MAIN & CONGRESS ST
MORRISVILLE, VT 05661

Site 2 of 3 in cluster D

RCRA-SQG **1004792046**
FINDS **VT5000001636**
MANIFEST
MANIFEST

Relative:
Higher

RCRA-SQG:

Actual:
679 ft.

Date form received by agency: 08/24/2009
Facility name: CUMBERLAND FARMS #4023
Facility address: 4023 MAIN & CONGRESS ST
MORRISTOWN, VT 05661
EPA ID: VT5000001636
Mailing address: CROSSING BLVD
FRAMINGHAM, MA 01702
Contact: ANGELA PIMENTAL
Contact address: CROSSING BLVD
FRAMINGHAM, MA 01702
Contact country: US
Contact telephone: (800) 225-9702
Telephone ext.: 4494
Contact email: APIMENTAL@CUMBERLANDGULF.COM
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CUMBERLAND FARMS
Owner/operator address: 777 DEDHAM ST
CANTON, MA 02021
Owner/operator country: US
Owner/operator telephone: (781) 828-4900
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: OPERATOR INFO NOT AVAILABLE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/28/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: CATHODE RAY TUBES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOSTATS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: PCB-CONTAINING LIGHT BALLASTS
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 05/25/2007
Facility name: CUMBERLAND FARMS #4023
Classification: Small Quantity Generator

Date form received by agency: 06/28/2006
Facility name: CUMBERLAND FARMS #4023
Classification: Small Quantity Generator

Date form received by agency: 04/24/2006
Facility name: CUMBERLAND FARMS #4023
Classification: Small Quantity Generator

Date form received by agency: 09/18/1994
Facility name: CUMBERLAND FARMS #4023
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110008204308

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MANIFEST:

GEN Cert Date: 9/14/2001
Transporter Recpt Date: 6/21/2004
Number Of Containers: 1
Container Type: TT
Waste Code1: D018
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSD Name: NORTHLAND ENVIRONMENTAL INC.
TSD ID: RID040098352
TSD Date: 7/9/2004
Date Imported: 12/7/2001
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: Not reported
Waste Description: Not reported
Quantity: Not reported
WT/Vol Units: Not reported
Item Number: Not reported
Transporter Name: Not reported
Transporter EPA ID: Not reported
GEN Cert Date: Not reported
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSD Recpt Date: Not reported
EPA ID: Not reported
Transporter 2 ID: Not reported

VT MANIFEST:

Manifest ID: VT0181186
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900
Contact Name: MAUREEN JERNSTEDT
Trans1: VTR000500090
T1 Name: ENV PRODUCTS & SERVICES OF VERMONT INC
Manifest Transporter City: BURLINGTON
Manifest Transporter State: VT
FACID: MAD047075734
Facility Name: JONES ENVIRONMENTAL SERVICES (NE), INC
DotDescrip: HAZARDOUS WASTE SOLID BENZENE
AdditionalDot: Not reported
Quantity: 75.00
Unit: P
Waste: D018
Date Shipped: 5/30/2006 0:00:00
Facility City: LOWELL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

Facility State: MA
Fac Date: 6/6/2006 0:00:00

Manifest ID: VT0181186
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900
Contact Name: MAUREEN JERNSTEDT
Trans1: VTR000500090
T1 Name: ENV PRODUCTS & SERVICES OF VERMONT INC
Manifest Transporter City: BURLINGTON
Manifest Transporter State: VT
FACID: MAD047075734
Facility Name: JONES ENVIRONMENTAL SERVICES (NE), INC
DotDescrip: HAZARDOUS WASTE SOLID BENZENE
AdditionalDot: Not reported
Quantity: 75.00
Unit: P
Waste: D018
Date Shipped: 5/30/2006 0:00:00
Facility City: LOWELL
Facility State: MA
Fac Date: 6/6/2006 0:00:00

Manifest ID: 000665906JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777
T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3 UN1203 II - FOR RECYCLING
AdditionalDot: Not reported
Quantity: 42.00
Unit: G
Waste: D001;D018
Date Shipped: 7/16/2007 0:00:00
Facility City: GLENMONT
Facility State: NY
Fac Date: 7/23/2007 0:00:00

Manifest ID: 000665664JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3 UN1203 II - FOR RECYCLING
AdditionalDot: Not reported
Quantity: 15.00
Unit: G
Waste: D001;D018
Date Shipped: 6/6/2007 0:00:00
Facility City: GLENMONT
Facility State: NY
Fac Date: 7/23/2007 0:00:00

Manifest ID: 000664256JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777
T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3 UN1203 II - FOR RECYCLING
AdditionalDot: Not reported
Quantity: 10.00
Unit: G
Waste: D001;D018
Date Shipped: 6/25/2007 0:00:00
Facility City: GLENMONT
Facility State: NY
Fac Date: 7/6/2007 0:00:00

Manifest ID: 000659141JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777
T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3 UN1203 II
AdditionalDot: Not reported
Quantity: 5.00
Unit: G
Waste: D001;D018
Date Shipped: 4/24/2007 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

1004792046

Facility City: GLENMONT
Facility State: NY
Fac Date: 5/11/2007 0:00:00

Manifest ID: 000666248JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777
T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3 UN1203 II
AdditionalDot: Not reported
Quantity: 10.00
Unit: G
Waste: D001;D018
Date Shipped: 8/17/2007 0:00:00
Facility City: GLENMONT
Facility State: NY
Fac Date: 9/10/2007 0:00:00

Manifest ID: 000659540JJK
EPAID: VT5000001636
Mailing Name: CUMBERLAND FARMS #4023
Mailing Address: 777 DEDHAM ST
Mailing City,St,Zip: CANTON, MA 02021
Contact Phone: 7818284900 337
Contact Name: ANGELA PIMENTAL
Trans1: MAD082303777
T1 Name: CYN OIL CORP D/B/A CYN ENVIRONMNTL SERV
Manifest Transporter City: STOUGHTON
Manifest Transporter State: MA
FACID: NYR000127639
Facility Name: ENVIRONMENTAL PRODUCTS & SERVICES OF VT
DotDescrip: WASTE GASOLINE 3, UN1203 PGII
AdditionalDot: Not reported
Quantity: 15.00
Unit: G
Waste: D001;D018
Date Shipped: 4/16/2007 0:00:00
Facility City: GLENMONT
Facility State: NY
Fac Date: 4/23/2007 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

15
ENE
1/8-1/4
0.154 mi.
814 ft.

RCRA-CESQG
1007119572
VTR000509562

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 03/05/2008

Facility name: POWER PLAY SPORTS

Facility address: 64 PORTLAND ST
MORRISVILLE
MORRISTOWN, VT 05661

EPA ID: VTR000509562

Mailing address: PO BOX 1307
MORRISVILLE, VT 05661

Contact: ROBERT MAYNARD

Contact address: PO BOX 1307
MORRISVILLE, 05661

Contact country: Not reported

Contact telephone: (802) 888-6557

Contact email: Not reported

EPA Region: 01

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBERT MAYNARD

Owner/operator address: PO BOX 1307
MORRISVILLE, VT 05661

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 06/30/1997

Owner/Op end date: Not reported

Owner/operator name: ROBERT MAYNARD

Owner/operator address: PO BOX 1307
MORRISVILLE, VT 05661

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 06/30/1997

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWER PLAY SPORTS (Continued)

1007119572

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/24/2003
Facility name: POWER PLAY SPORTS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWER PLAY SPORTS (Continued)

1007119572

Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

E16
East
1/8-1/4
0.156 mi.
822 ft.

MCFARLANE ENT INC
26 CONGRESS ST MORRISVILLE
MORRISTOWN, VT 05661

RCRA-NonGen

1008375583
VTR000513275

Site 1 of 3 in cluster E

Relative:
Higher

RCRA-NonGen:

Actual:
678 ft.

Date form received by agency: 03/16/2009
Facility name: MCFARLANE ENT INC
Facility address: 26 CONGRESS ST
MORRISVILLE
MORRISTOWN, VT 05661
EPA ID: VTR000513275
Mailing address: PO BOX 111
MORRISVILLE, VT 05661
Contact: SHAWN MCFARLANE
Contact address: PO BOX 111
MORRISVILLE, VT 05661
Contact country: US
Contact telephone: (802) 888-2950
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHAMPLAIN OIL CO
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/13/2005
Owner/Op end date: Not reported

Owner/operator name: SHAWN MCFARLANE
Owner/operator address: PO BOX 111
MORRISVILLE, VT 05661
Owner/operator country: US
Owner/operator telephone: (802) 888-2950
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/1995
Owner/Op end date: Not reported

Owner/operator name: SHAWN MCFARLANE
Owner/operator address: PO BOX 111
MORRISVILLE, VT 05661
Owner/operator country: US
Owner/operator telephone: (802) 888-2950
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

McFARLANE ENT INC (Continued)

1008375583

Owner/Op start date: 06/01/1995
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 07/13/2005
Facility name: McFARLANE ENT INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

E17
East
1/8-1/4
0.156 mi.
822 ft.

COCO-MORRISVILLE CITGO
26 CONGRESS STREET
MORRISVILLE, VT 05661

Site 2 of 3 in cluster E

AST S108489329
TIER 2 N/A

Relative:
Higher

AST:
Facility Id: FATR20094Y6KFE002VXN
Facility Country: USA
Failed Validation: Not reported
Report Year: 2009
Facility Notes: Not reported

Actual:
678 ft.

Chem Inv:
Report Year: 2009
Chem Inv Record ID: CVTR20094Y6KKG00BD93
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 3/5/2010
Days On Site: 365
Entered Chem Name: Gasoline
Fire: True
Gas: Not reported
Liquid: T
Mixture: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Report Year: 2009
Chemical Inv Record ID: CVTR20094Y6KKG00BD93
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 10000
Amount Unit: gallons
Last Modified: 3/5/2010
Report Year: 2009
Chemical Inv Record ID: CVTR20094Y6KKG00BD93
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/5/2010
Report Year: 2009
Chemical Inv Record ID: CVTR20094Y6KKG00BD93
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: SNL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/5/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Report Year: 2009
Chem Inv Record ID: CVTR20094Y6KQ600JFNZ
Acute: True
Ave Amount: Not reported
Ave Amount Code: 03
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 68476-30-2
EHS Chemical: Not reported
Last Modified: 3/5/2010
Days On Site: 365
Entered Chem Name: Motor Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Fire: True
Gas: Not reported
Liquid: T
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 03
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Report Year: 2009
Chemical Inv Record ID: CVTR20094Y6KQ600JFNZ
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Waste Oil
Amount: 1000
Amount Unit: gallons
Last Modified: 3/5/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported

TIER 2:

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 45 San Remo Drive
Mail City,St,Zip: South Burlington, VT 5401
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Richard Browne, Compliance Officer
Chem Same As Last Yr: True
Facility Record ID: FATR20084Y6KFE002VXN
Date Signed: 2/19/2009
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/14/2009
FEE TOTAL: 130
EMPLOYEE NUMBER: Not reported
REP YEAR: 2008
Notes: Not reported

Chem Inv:

Reported Year: 2008
Chem Inv Record ID: CVTR20084Y6KQ600JFNZ
Acute: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Ave Amount:	Not reported
Ave Amount Code:	3
Chem Same As Last Yr:	True
Chronic:	True
CAS NUMBER:	68476-30-2
EHS Chemical:	Not reported
Last Modified:	3/2/2009
Days On Site:	365
Entered Chem Name:	Motor Oil
Fire:	True
Gas:	Not reported
Liquid:	True
Mixture:	Not reported
Max Amount:	Not reported
Max Amount Code:	3
Max Amt Container:	Not reported
Pressure:	Not reported
Pure:	True
Reactive:	Not reported
Solid:	Not reported
State Label Code:	VT2008
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2008
Type Code:	B
Pressure Code:	1
Temperature Code:	4
Location:	Waste Oil
Amount:	1000
Amount Unit:	gallons
Last Modified:	3/2/2009
Reported Year:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Reported Year:	2008
Chem Inv Record ID:	CVTR20084Y6KKG00BD93
Acute:	True
Ave Amount:	Not reported
Ave Amount Code:	4
Chem Same As Last Yr:	True
Chronic:	True
CAS NUMBER:	8006-61-9
EHS Chemical:	Not reported
Last Modified:	3/2/2009
Days On Site:	365
Entered Chem Name:	Gasoline
Fire:	True
Gas:	Not reported
Liquid:	True
Mixture:	Not reported
Max Amount:	Not reported
Max Amount Code:	4
Max Amt Container:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:

Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/2/2009
Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: SNL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/2/2009
Reported Year: 2008
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 10000
Amount Unit: gallons
Last Modified: 3/2/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported

Valid: This facility passed all validation checks.

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 45 San Remo Drive
Mail City,St,Zip: South Burlington, VT 05401
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Richard Browne, Compliance Officer
Chem Same As Last Yr: True
Facility Record ID: FATR20094Y6KFE002VXN
Date Signed: 3/3/2010
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/22/2010
FEE TOTAL: 145
EMPLOYEE NUMBER: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

REP YEAR: 2009
Notes: Not reported

Chem Inv:
Reported Year: 2009
Chem Inv Record ID: CVTR20094Y6KKG00BD93
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 3/5/2010
Days On Site: 365
Entered Chem Name: Gasoline
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/5/2010
Reported Year: 2009
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 10000
Amount Unit: gallons
Last Modified: 3/5/2010
Reported Year: 2009
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: SNL
Amount: 6000
Amount Unit: gallons
Last Modified: 3/5/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2009
Chem Inv Record ID: CVTR20094Y6KQ600JFNZ
Acute: True
Ave Amount: Not reported
Ave Amount Code: 03
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 68476-30-2
EHS Chemical: Not reported
Last Modified: 3/5/2010
Days On Site: 365
Entered Chem Name: Motor Oil
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 03
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Waste Oil
Amount: 1000
Amount Unit: gallons
Last Modified: 3/5/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 45 San Remo Drive
Mail City,St,Zip: South Burlington, VT 05401
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Richard Browne, Compliance Officer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Chem Same As Last Yr: Not reported
Facility Record ID: FATR20074Y6KFE002VXN
Date Signed: 3/18/2008
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/29/2008
FEE TOTAL: 130
EMPLOYEE NUMBER: Not reported
REP YEAR: 2007
Notes: Not reported

Fac Id:

Description: PETROL & PET PROD WHOLESALERS
Facility Id: FATR20074Y6KFE002VXN
Id: 5172
Last Modified: 2/27/2007
Record Key: FDTR20074Y6KFE003VY4
Id Type: SIC

Description: GASOLINE SERVICE STATIONS
Facility Id: FATR20074Y6KFE002VXN
Id: 5541
Last Modified: 3/18/2008
Record Key: FDTR20075PXNNM03DG6F
Id Type: SIC

Chem Inv:

Reported Year: 2007
Chem Inv Record ID: CVTR20074Y6KQ600JFNZ
Acute: True
Ave Amount: Not reported
Ave Amount Code: 03
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 68476-30-2
EHS Chemical: Not reported
Last Modified: 4/29/2008
Days On Site: 365
Entered Chem Name: Motor Oil
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 03
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2007
Trade Secret: Not reported

Chem Loc:

Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Waste Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Amount: 1000
Amount Unit: gallons
Last Modified: 4/29/2008
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2007
Chem Inv Record ID: CVTR20074Y6KKG00BD93
Acute: True
Ave Amount: Not reported
Ave Amount Code: 04
Chem Same As Last Yr: True
Chronic: True
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 4/29/2008
Days On Site: 365
Entered Chem Name: Gasoline
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 04
Max Amt Container: Not reported
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2007
Trade Secret: Not reported

Chem Loc:
Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 6000
Amount Unit: gallons
Last Modified: 4/29/2008
Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: SNL
Amount: 6000
Amount Unit: gallons
Last Modified: 4/29/2008
Reported Year: 2007
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Amount: 10000
Amount Unit: gallons
Last Modified: 4/29/2008
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: 45 San Remo Drive
Mail City,St,Zip: South Burlington, VT 5401
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Steve Halibozek
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20064Y6KFE002VXN
Date Signed: 2/28/2007
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 05/29/07
FEE TOTAL: 180
EMPLOYEE NUMBER: 0
REP YEAR: 2006
Notes: Not reported

Chem Inv:

Reported Year: 2006
Chem Inv Record ID: CVTR20064Y6KKG00BD93
Acute: Not reported
Ave Amount: 0
Ave Amount Code: 4
Chem Same As Last Yr: True
Chronic: Not reported
CAS NUMBER: 8006-61-9
EHS Chemical: Not reported
Last Modified: 04/30/07
Days On Site: 365
Entered Chem Name: Gasoline
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 0
Max Amount Code: 4
Max Amt Container: 0
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2006
Trade Secret: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Chem Loc:
Reported Year: 2006
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 6000
Amount Unit: gallons
Last Modified: 04/30/07
Reported Year: 2006
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: SNL
Amount: 6000
Amount Unit: gallons
Last Modified: 04/30/07
Reported Year: 2006
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: NL
Amount: 10000
Amount Unit: gallons
Last Modified: 04/30/07
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2006
Chem Inv Record ID: CVTR20064Y6KQ600JFNZ
Acute: Not reported
Ave Amount: 0
Ave Amount Code: 3
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 68476-30-2
EHS Chemical: Not reported
Last Modified: 04/30/07
Days On Site: 365
Entered Chem Name: Motor Oil
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 0
Max Amount Code: 3
Max Amt Container: 0
Pressure: Not reported
Pure: True
Reactive: Not reported
Solid: Not reported
State Label Code: VT2006
Trade Secret: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCO-MORRISVILLE CITGO (Continued)

S108489329

Chem Loc:
Reported Year: 2006
Type Code: B
Pressure Code: 1
Temperature Code: 4
Location: Waste Oil
Amount: 1000
Amount Unit: gallons
Last Modified: 04/30/07
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

E18
East
1/8-1/4
0.156 mi.
822 ft.

JEFFY MART MORRISVILLE SUNOCO
26 CONGRESS STREET
MORRISTOWN, VT 05661

UST U002261972
N/A

Site 3 of 3 in cluster E

Relative:
Higher

UST:
Facility ID: 1105
Facility Status: ACTIVE

Actual:
678 ft.

Facility:
Sites Id: 900505
Pin: BR96-0396
Permitted To: Tank Owner
Landowner: Champlain Oil Company Inc
Permit Expires: 9/1/2011
Fee Status: Not reported
Tanks Pulled: Not reported
Site Code: Not reported
Removed: Not reported
Receipt: 1505
Owner Name: Champlain Oil Company Inc
Owner Person: Dick Browne Compliance Officer
Owner Address: PO Box 379
Owner City,St,Zip: Bradford, VT 05033
Owner Telephone: 802-222-5252
Operator Name: Champlain Oil Company Inc
Operator Person: Dick Browne Compliance Officer
Operator Address: PO Box 379
Operator City,St,Zip: Bradford, VT 05033
Operator Telephone: 802-222-5252
Groundwater Monitoring Wells: 3
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 10112
Tank Status: PULLED
Tank Label: 1962-1-R
Year Removed: 1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

Capacity (Gal): 3000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: 1990

Compartment:
Comp Id: 10149
Compartment Label: 1962-1-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10149
Compartment Label: 10149
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 10113
Tank Status: PULLED
Tank Label: 1962-4-R
Year Removed: 1990
Capacity (Gal): 1000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: 1990

Compartment:
Comp Id: 10150
Compartment Label: 1962-4-R/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10150
Compartment Label: 10150
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10114
Tank Status: PULLED
Tank Label: 1971-3-R
Year Removed: 1990
Capacity (Gal): 8000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: 1990

Compartment:

Comp Id: 10151
Compartment Label: 1971-3-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 10151
Compartment Label: 10151
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10115
Tank Status: PULLED
Tank Label: 1976-5-R
Year Removed: 1990
Capacity (Gal): 1000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

Release Monitor: Not reported
Condition: Not reported
Date Reference: 1990

Compartment:
Comp Id: 10152
Compartment Label: 1976-5-R/A
Substance: Used Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10152
Compartment Label: 10152
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 10116
Tank Status: PULLED
Tank Label: 1980-2-R
Year Removed: 1990
Capacity (Gal): 4000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: 1990

Compartment:
Comp Id: 10153
Compartment Label: 1980-2-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10153
Compartment Label: 10153
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10117
Tank Status: ACTIVE
Tank Label: 1990-1
Year Removed: Not reported
Capacity (Gal): 6000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: Ie
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10154
Compartment Label: 1990-1/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:

Comp Id: 10154
Compartment Label: 10154
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 1990
Pipe Protection: Fiberglass Reinforced Plastic
Cp Pipe Test: Not reported
Pipe Monitor 1: Ie
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 1/13/2010 0:00:00
Pipe Monitor 2 Test: 1/13/2010
Pump Type: P

TANK DATA:

Tank ID: 10118
Tank Status: ACTIVE
Tank Label: 1990-2
Year Removed: Not reported
Capacity (Gal): 6000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: Ie
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10155

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

Compartment Label: 1990-2/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:

Comp Id: 10155
Compartment Label: 10155
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 1990
Pipe Protection: Fiberglass Reinforced Plastic
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 1/13/2010 0:00:00
Pipe Monitor 2 Test: 1/13/2010
Pump Type: P

TANK DATA:

Tank ID: 10119
Tank Status: ACTIVE
Tank Label: 1990-3
Year Removed: Not reported
Capacity (Gal): 10000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10156
Compartment Label: 1990-3/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:

Comp Id: 10156
Compartment Label: 10156
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 1990
Pipe Protection: Fiberglass Reinforced Plastic
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 1/13/2010 0:00:00
Pipe Monitor 2 Test: 1/13/2010
Pump Type: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART MORRISVILLE SUNOCO (Continued)

U002261972

TANK DATA:

Tank ID: 10120
Tank Status: ACTIVE
Tank Label: 1990-4
Year Removed: Not reported
Capacity (Gal): 1000
Category One: UST
Tank Protect: P
CP Test: 4/4/2005
Release Monitor: le
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10157
Compartment Label: 1990-4/A
Substance: Used Oil
Spill: Spill
Overfill: YM

Piping:

Comp Id: 10157
Compartment Label: 10157
Pipe Seq: 1
Pipe Type: remote fill
Pipe Installation Year: 1990
Pipe Protection: Fiberglass Reinforced Plastic
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: G

19
North
1/8-1/4
0.158 mi.
836 ft.

DEMARS BUILDING, 2020 BROOKLYN PLACE
20-22 BROOKLYN STREET
MORRISTOWN, VT 05661

UST U003516121
N/A

Relative:
Higher

UST:
Facility ID: 1431
Facility Status: PULLED

Actual:
651 ft.

Facility:
Sites Id: Not reported
Pin: Not reported
Permitted To: Not reported
Landowner: ** Unknown ***
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1/4
Site Code: A
Removed: 5
Receipt: Not reported
Owner Name: Demars Properties

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEMARS BUILDING, 2020 BROOKLYN PLACE (Continued)

U003516121

Owner Person: Not reported
Owner Address: RR 1 Box 1060
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: Not reported
Operator Name: Demars Properties
Operator Person: Not reported
Operator Address: RR 1 Box 1060
Operator City,St,Zip: Morrisville, VT 05661
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 1296
Tank Status: PULLED
Tank Label: -1-1-R
Year Removed: 1990
Capacity (Gal): 1000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: FAIR
Date Reference: Not reported

Compartment:

Comp Id: 1294
Compartment Label: -1-1-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 1294
Compartment Label: 1294
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 1297
Tank Status: PULLED
Tank Label: 1970-1
Year Removed: 1994
Capacity (Gal): 1000
Category One: UST
Tank Protect: U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEMARS BUILDING, 2020 BROOKLYN PLACE (Continued)

U003516121

CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 1295
Compartment Label: 1970-1/A
Substance: Lube Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 1295
Compartment Label: 1295
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 1298
Tank Status: PULLED
Tank Label: 1970-2
Year Removed: 1994
Capacity (Gal): 550
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 1296
Compartment Label: 1970-2/A
Substance: Used Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 1296
Compartment Label: 1296
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEMARS BUILDING, 2020 BROOKLYN PLACE (Continued)

U003516121

Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 1299
Tank Status: PULLED
Tank Label: 1970-3
Year Removed: 1994
Capacity (Gal): 550
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 1297
Compartment Label: 1970-3/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 1297
Compartment Label: 1297
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 1300
Tank Status: PULLED
Tank Label: 1970-4
Year Removed: 1994
Capacity (Gal): 1000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEMARS BUILDING, 2020 BROOKLYN PLACE (Continued)

U003516121

Compartment:
Comp Id: 1298
Compartment Label: 1970-4/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 1298
Compartment Label: 1298
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

D20
East
1/8-1/4
0.161 mi.
850 ft.

CUMBERLAND FARMS #4023
20 UPPER MAIN STREET
MORRISTOWN, VT 05661

UST U003545307
N/A

Site 3 of 3 in cluster D

Relative:
Higher

UST:
Facility ID: 976
Facility Status: ACTIVE

Actual:
679 ft.

Facility:
Sites Id: 992667
Pin: BR97-0234
Permitted To: Tank Owner
Landowner: VSH Reality
Permit Expires: 7/1/2012
Fee Status: Not reported
Tanks Pulled: Not reported
Site Code: Not reported
Removed: Not reported
Receipt: 598
Owner Name: Cumberland Farms Inc
Owner Person: Angela Pimental Compliance Dept
Owner Address: 100 Crossing Boulevard
Owner City,St,Zip: Framingham, MA 01702
Owner Telephone: 800-225-9702x3378
Operator Name: Cumberland Farms Inc #4023
Operator Person: Not reported
Operator Address: 20 Upper Main Street
Operator City,St,Zip: Morristown, VT 05661
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

TANK DATA:

Tank ID: 9761
Tank Status: PULLED
Tank Label: 1966-1-R
Year Removed: 1987
Capacity (Gal): 3000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 9801
Compartment Label: 1966-1-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 9801
Compartment Label: 9801
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 9762
Tank Status: PULLED
Tank Label: 1966-2-R
Year Removed: 1987
Capacity (Gal): 3000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 9802
Compartment Label: 1966-2-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

Piping:

Comp Id: 9802
Compartment Label: 9802
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 9763
Tank Status: PULLED
Tank Label: 1966-3-R
Year Removed: 1987
Capacity (Gal): 3000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 9803
Compartment Label: 1966-3-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 9803
Compartment Label: 9803
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 9764
Tank Status: PULLED
Tank Label: 1974-4-R

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

Year Removed: 1987
Capacity (Gal): 6000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 9804
Compartment Label: 1974-4-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 9804
Compartment Label: 9804
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 9765
Tank Status: PULLED
Tank Label: 1985-1-R
Year Removed: 1999
Capacity (Gal): 8000
Category One: UST
Tank Protect: P
CP Test: Not reported
Release Monitor: SIR
Release Monitor: TT199603
Condition: GOOD
Date Reference: 8/18/99

Compartment:
Comp Id: 9805
Compartment Label: 1985-1-R/A
Substance: Gasoline
Spill: Spill
Overfill: O

Piping:
Comp Id: 9805
Compartment Label: 9805
Pipe Seq: 1
Pipe Type: DEFAULT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

Pipe Installation Year: 1985
Pipe Protection: Steel piping with impressed current system
Cp Pipe Test: Not reported
Pipe Monitor 1: TT
Pipe Monitor 1 Test: 1/1/1998
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

TANK DATA:

Tank ID: 9766
Tank Status: PULLED
Tank Label: 1985-2-R
Year Removed: 1999
Capacity (Gal): 6000
Category One: UST
Tank Protect: P
CP Test: Not reported
Release Monitor: SIR
Release Monitor: TT199603
Condition: GOOD
Date Reference: 8/13/99

Compartment:

Comp Id: 9806
Compartment Label: 1985-2-R/A
Substance: Gasoline
Spill: Spill
Overfill: O

Piping:

Comp Id: 9806
Compartment Label: 9806
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1985
Pipe Protection: Steel piping with impressed current system
Cp Pipe Test: Not reported
Pipe Monitor 1: TT
Pipe Monitor 1 Test: 1/1/1998
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

TANK DATA:

Tank ID: 9767
Tank Status: PULLED
Tank Label: 1985-3-R
Year Removed: 1999
Capacity (Gal): 6000
Category One: UST
Tank Protect: P
CP Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

Release Monitor: SIR
Release Monitor: TT199603
Condition: GOOD
Date Reference: 8/18/99

Compartment:
Comp Id: 9807
Compartment Label: 1985-3-R/A
Substance: Gasoline
Spill: Spill
Overfill: O

Piping:
Comp Id: 9807
Compartment Label: 9807
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1985
Pipe Protection: Steel piping with impressed current system
Cp Pipe Test: Not reported
Pipe Monitor 1: TT
Pipe Monitor 1 Test: 1/1/1998
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

TANK DATA:
Tank ID: 9768
Tank Status: ACTIVE
Tank Label: 1999-1
Year Removed: Not reported
Capacity (Gal): 10000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 9808
Compartment Label: 1999-1/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:
Comp Id: 9808
Compartment Label: 9808
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 1999
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: 1/12/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUMBERLAND FARMS #4023 (Continued)

U003545307

Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 1/12/2010 0:00:00
Pipe Monitor 2 Test: 1/12/2010
Pump Type: P

TANK DATA:

Tank ID: 9769
Tank Status: ACTIVE
Tank Label: 1999-2
Year Removed: Not reported
Capacity (Gal): 8000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 9809
Compartment Label: 1999-2/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:

Comp Id: 9809
Compartment Label: 9809
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 1999
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: 1/12/2010
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 1/12/2010 0:00:00
Pipe Monitor 2 Test: 1/12/2010
Pump Type: P

F21
NE
1/8-1/4
0.175 mi.
922 ft.

BOURNE'S SHELL FOODMART
18 BRIDGE STREET
MORRISTOWN, VT 05661

UST U000906448
N/A

Site 1 of 3 in cluster F

Relative:
Higher

UST:
Facility ID: 1343
Facility Status: ACTIVE

Actual:
656 ft.

Facility:
Sites Id: 951814
Pin: BR97-0061
Permitted To: Tank Owner
Landowner: Gary and Irene Bourne
Permit Expires: 7/1/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Fee Status: Not reported
Tanks Pulled: Not reported
Site Code: Not reported
Removed: Not reported
Receipt: 351
Owner Name: Gary and Irene Bourne
Owner Person: Not reported
Owner Address: 414 West Grove Street
Owner City,St,Zip: Middleboro, MA 02346
Owner Telephone: 508-947-7685
Operator Name: Gary Bourne
Operator Person: Not reported
Operator Address: 414 West Grove Street
Operator City,St,Zip: Middleboro, MA 02346
Operator Telephone: 508-947-7685
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 10545
Tank Status: PULLED
Tank Label: 1964-2-R
Year Removed: 1986
Capacity (Gal): 3000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: GOOD
Date Reference: Not reported

Compartment:

Comp Id: 10585
Compartment Label: 1964-2-R/A
Substance: Diesel
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 10585
Compartment Label: 10585
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10546

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Tank Status: PULLED
Tank Label: 1964-3-R
Year Removed: 1986
Capacity (Gal): 6000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: GOOD
Date Reference: Not reported

Compartment:
Comp Id: 10586
Compartment Label: 1964-3-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10586
Compartment Label: 10586
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 10547
Tank Status: PULLED
Tank Label: 1964-4-R
Year Removed: 1986
Capacity (Gal): 2000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: GOOD
Date Reference: Not reported

Compartment:
Comp Id: 10587
Compartment Label: 1964-4-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10587
Compartment Label: 10587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10548
Tank Status: PULLED
Tank Label: 1977-1-R
Year Removed: 1997
Capacity (Gal): 1000
Category One: UST
Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: FAIR
Date Reference: 11/97

Compartment:

Comp Id: 10588
Compartment Label: 1977-1-R/A
Substance: Kerosene
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 10588
Compartment Label: 10588
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:

Tank ID: 10549
Tank Status: PULLED
Tank Label: 1981-5-R
Year Removed: 1986
Capacity (Gal): 10000
Category One: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Tank Protect: Not reported
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:
Comp Id: 10589
Compartment Label: 1981-5-R/A
Substance: Gasoline
Spill: Not reported
Overfill: Not reported

Piping:
Comp Id: 10589
Compartment Label: 10589
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

TANK DATA:
Tank ID: 10550
Tank Status: PULLED
Tank Label: 1986-1-R
Year Removed: 2004
Capacity (Gal): 3000
Category One: UST
Tank Protect: P
CP Test: 3/1/2000
Release Monitor: ITM
Release Monitor: Not reported
Condition: FAIR
Date Reference: 3/8/2005

Compartment:
Comp Id: 10590
Compartment Label: 1986-1-R/A
Substance: Gasoline
Spill: Spill
Overfill: O

Piping:
Comp Id: 10590
Compartment Label: 10590
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1997
Pipe Protection: Secondarily contained flexible piping
Cp Pipe Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Pipe Monitor 1: I
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 4/1/2004 0:00:00
Pipe Monitor 2 Test: 4/1/2004
Pump Type: P

TANK DATA:

Tank ID: 10551
Tank Status: PULLED
Tank Label: 1986-2-R
Year Removed: 2004
Capacity (Gal): 3000
Category One: UST
Tank Protect: P
CP Test: 3/1/2000
Release Monitor: ITM
Release Monitor: Not reported
Condition: FAIR
Date Reference: 3/8/2005

Compartment:

Comp Id: 10591
Compartment Label: 1986-2-R/A
Substance: Diesel
Spill: Spill
Overfill: O

Piping:

Comp Id: 10591
Compartment Label: 10591
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1997
Pipe Protection: Secondarily contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: I
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 4/1/2004 0:00:00
Pipe Monitor 2 Test: 4/1/2004
Pump Type: P

TANK DATA:

Tank ID: 10552
Tank Status: PULLED
Tank Label: 1986-3
Year Removed: 2004
Capacity (Gal): 4000
Category One: UST
Tank Protect: P
CP Test: 3/1/2000
Release Monitor: ITM
Release Monitor: Not reported
Condition: FAIR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Date Reference: 3/8/2005

Compartment:

Comp Id: 10592

Compartment Label: 1986-3/A

Substance: Gasoline

Spill: Spill

Overfill: O

Piping:

Comp Id: 10592

Compartment Label: 10592

Pipe Seq: 1

Pipe Type: DEFAULT

Pipe Installation Year: 1997

Pipe Protection: Secondly contained flexible piping

Cp Pipe Test: Not reported

Pipe Monitor 1: I

Pipe Monitor 1 Test: Not reported

Pipe Monitor 2: LLD

Pipe Monitor 2 Tested Date: 4/1/2004 0:00:00

Pipe Monitor 2 Test: 4/1/2004

Pump Type: P

TANK DATA:

Tank ID: 10553

Tank Status: PULLED

Tank Label: 1986-4-R

Year Removed: 2006

Capacity (Gal): 8000

Category One: UST

Tank Protect: P

CP Test: 3/1/2003

Release Monitor: ITM

Release Monitor: Not reported

Condition: FAIR

Date Reference: 12/1/2006

Compartment:

Comp Id: 10593

Compartment Label: 1986-4-R/A

Substance: Diesel

Spill: Spill

Overfill: YF

Piping:

Comp Id: 10593

Compartment Label: 10593

Pipe Seq: 1

Pipe Type: DEFAULT

Pipe Installation Year: 1997

Pipe Protection: Secondly contained flexible piping

Cp Pipe Test: Not reported

Pipe Monitor 1: I

Pipe Monitor 1 Test: Not reported

Pipe Monitor 2: LLD

Pipe Monitor 2 Tested Date: 4/26/2005 0:00:00

Pipe Monitor 2 Test: 4/26/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Pump Type: P

TANK DATA:

Tank ID: 10554
Tank Status: ACTIVE
Tank Label: 2004-1
Year Removed: Not reported
Capacity (Gal): 8000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10594
Compartment Label: 2004-1/A
Substance: Gasoline
Spill: Spill
Overfill: YF

Piping:

Comp Id: 10594
Compartment Label: 10594
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 2004
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 11/30/2009 0:00:00
Pipe Monitor 2 Test: 11/30/2009
Pump Type: P

TANK DATA:

Tank ID: 10555
Tank Status: ACTIVE
Tank Label: 2004-2-2
Year Removed: Not reported
Capacity (Gal): 8000
Category One: UST
Tank Protect: PFRP
CP Test: Not reported
Release Monitor: le
Release Monitor: ITM
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 10595
Compartment Label: 2004-2-2/A
Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S SHELL FOODMART (Continued)

U000906448

Spill: Spill
Overfill: YF
Comp Id: 10596
Compartment Label: 2004-2-2/B
Substance: Diesel
Spill: Spill
Overfill: YF

Piping:

Comp Id: 10595
Compartment Label: 10595
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 2004
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 11/30/2009 0:00:00
Pipe Monitor 2 Test: 11/30/2009
Pump Type: P

Comp Id: 10596
Compartment Label: 10596
Pipe Seq: 1
Pipe Type: Dispenser
Pipe Installation Year: 2004
Pipe Protection: Secondly contained flexible piping
Cp Pipe Test: Not reported
Pipe Monitor 1: le
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: LLD
Pipe Monitor 2 Tested Date: 11/30/2009 0:00:00
Pipe Monitor 2 Test: 11/30/2009
Pump Type: P

F22
NE
1/8-1/4
0.175 mi.
922 ft.

BOURNES SHELL
18 BRIDGE ST
MORRISTOWN, VT 05661

RCRA-CESQG

1010337478
VTR000515643

Site 2 of 3 in cluster F

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 11/06/2006
Facility name: BOURNES SHELL
Facility address: 18 BRIDGE ST
MORRISTOWN, VT 05661
EPA ID: VTR000515643
Mailing address: PO BOX 638
MORRISVILLE, VT 05661
Contact: TIMOTHY MONAGHAN
Contact address: PO BOX 638
MORRISVILLE, VT 05661
Contact country: US
Contact telephone: (508) 523-0259
Contact email: Not reported

Actual:
656 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES SHELL (Continued)

1010337478

EPA Region: 01
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: GARY BOURNE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1989
Owner/Op end date: Not reported

Owner/operator name: GARY BOURNE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/1989
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES SHELL (Continued)

1010337478

Violation Status: No violations found

**F23
NE
1/8-1/4
0.175 mi.
922 ft.**

**BOURNES SHELL
18 BRIDGE ST
MORRISTOWN, VT 05661**

**MANIFEST
SPILLS**

**S108468472
N/A**

Site 3 of 3 in cluster F

**Relative:
Higher**

VT MANIFEST:

**Actual:
656 ft.**

Manifest ID: 000752349GBF
EPAID: VTR000515643
Mailing Name: BOURNE PETROLEUM
Mailing Address: PO BOX 638
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 5085230259
Contact Name: TIMOTHY MONAGHAN
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: UN1203 GASOLINE MIXTURE 3 PGII
AdditionalDot: Not reported
Quantity: 100.00
Unit: G
Waste: VT99
Date Shipped: 4/3/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 4/3/2009 0:00:00

Manifest ID: 000752349GBF
EPAID: VTR000515643
Mailing Name: BOURNE PETROLEUM
Mailing Address: PO BOX 638
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 5085230259
Contact Name: TIMOTHY MONAGHAN
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NA3077 HAZARDOUS WASTE SOLID NOS BENZENE 9 PGIII
AdditionalDot: Not reported
Quantity: 1200.00
Unit: P
Waste: D018
Date Shipped: 4/3/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 4/3/2009 0:00:00

SPILLS:

Year: 2007
Complaint #: WMD052

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES SHELL (Continued)

S108468472

Date Reported: 2/2/2007 0:00:00
Time Reported: 1605
Complaint Taker: Tim Cropley
Received From: No
Duty Officer: Not reported
Reported By Name: Gary Bourne
Reported By Organization: Not reported
Reported By Work Phone: 508-947-7685
Reported By Home Phone: Not reported
Incident Code: 07
Incident Type: nozzle fell out while fueling
Date Of Incident: 2/2/2007 0:00:00
Time Of Incident: 1545
Product: diesel
Quantity: 10
Unit Of Measure: G
Responsible Party: Bournes
RP Address: Not reported
RP City,St,Zip: Not reported
RP Phone Work: 802-947-7685
RP Phone Home: Not reported
Case Assigned To: spills
Surface Water Affected: Not reported
Date Closed: 2/2/2007 0:00:00
Closure Desc: Violation found, corrected voluntarily
UST Facility Id: 1343
Lat/Long: Not reported
Comments: Customer not watching while filling vehicle
Action: Bournes clean up. Used SpeediDri to contain. Drummed oil to burn in waste burner on site. Will dispose of Speedi Dri as required.

G24
NE
1/8-1/4
0.199 mi.
1050 ft.

DENOIAS DRY CLEANERS LLC
140 PORTLAND ST
MORRISTOWN, VT 05661

Site 1 of 3 in cluster G

MANIFEST **S108984882**
N/A

Relative:
Higher

VT MANIFEST:

Actual:
656 ft.

Manifest ID: 000752518GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ UN1897 WASTE TETRACHLOROETHYLENE 6.1 PGIII
AdditionalDot: Not reported
Quantity: 30.00
Unit: G
Waste: D040
Date Shipped: 6/12/2008 0:00:00
Facility City: WILLISTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS LLC (Continued)

S108984882

Facility State: VT
Fac Date: 6/12/2008 0:00:00

Manifest ID: 000752156GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ UN1897 WASTE TETRACHLOROETHYLENE 6.1 PGIII
AdditionalDot: Not reported
Quantity: 60.00
Unit: G
Waste: D039;F002
Date Shipped: 11/19/2008 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 11/20/2008 0:00:00

Manifest ID: 000752339GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ NA3077 HAZARDOUS WASTE SOLID NOS TETRACHLOROETHYLENE 9 PGIII
AdditionalDot: Not reported
Quantity: 2400.00
Unit: P
Waste: D039;F002
Date Shipped: 4/2/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 4/2/2009 0:00:00

Manifest ID: 000394275GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: IND000640847

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS LLC (Continued)

S108984882

T1 Name: R L CARTER TRUCKING INC
Manifest Transporter City: Not reported
Manifest Transporter State: Not reported
FACID: SCD036275626
Facility Name: GIANT RESOURCE RECOVERY SUMTER INC
DotDescrip: WASTE TOXIC LIQUID ORGANIC NOS (TETRACHLOROETHYLENE) 6.1 UN2810
ERG153 RQ

AdditionalDot: Not reported
Quantity: 600.00
Unit: P
Waste: F002
Date Shipped: 10/19/2007 0:00:00
Facility City: SUMTER
Facility State: SC
Fac Date: 11/12/2007 0:00:00

Manifest ID: 000569365GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: ILR000130062
T1 Name: HERITAGE CRYSTAL CLEAN LLC
Manifest Transporter City: ELGIN
Manifest Transporter State: IL
FACID: SCD036275626
Facility Name: GIANT RESOURCE RECOVERY SUMTER INC
DotDescrip: RQ WASTE TOXIC LIQUIDS ORGANIC NOS 6.1 UN2810 PGII (TETRACHLOROETHYLENE) ERG153

AdditionalDot: Not reported
Quantity: 800.00
Unit: P
Waste: F002
Date Shipped: 6/28/2007 0:00:00
Facility City: SUMTER
Facility State: SC
Fac Date: 7/23/2007 0:00:00

Manifest ID: 000752425GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ UN1897 WASTE TETRACHLOROETHYLENE 6.1 PGIII
AdditionalDot: Not reported
Quantity: 100.00
Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS LLC (Continued)

S108984882

Waste: D039;F002
Date Shipped: 5/13/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 5/13/2009 0:00:00

Manifest ID: 001031041GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ UN1897 WASTE TETRACHLOROETHYLENE 6.1 PGIII
AdditionalDot: Not reported
Quantity: 100.00
Unit: G
Waste: D039;F002
Date Shipped: 12/7/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 12/7/2009 0:00:00

Manifest ID: 001030897GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NA3082 HAZARDOUS WASTE LIQUID NOS 9 PGIII
AdditionalDot: Not reported
Quantity: 50.00
Unit: G
Waste: D039;F002
Date Shipped: 11/12/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 11/16/2009 0:00:00

Manifest ID: 001030680GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS LLC (Continued)

S108984882

Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ UN1897 WASTE TETRACHLOROETHYLENE 6.1 PGIII
AdditionalDot: Not reported
Quantity: 100.00
Unit: G
Waste: D039;F002
Date Shipped: 8/27/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 8/28/2009 0:00:00

Manifest ID: 001030856GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: RQ NA3077 HAZARDOUS WASTE SOLID NOS TETRACHLOROETHYLENE 9 PGIII
AdditionalDot: Not reported
Quantity: 4500.00
Unit: P
Waste: D039;F002
Date Shipped: 10/15/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 10/16/2009 0:00:00

Manifest ID: 000394275GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: ILR000130062
T1 Name: HERITAGE CRYSTAL CLEAN LLC
Manifest Transporter City: ELGIN
Manifest Transporter State: IL
FACID: SCD036275626
Facility Name: GIANT RESOURCE RECOVERY SUMTER INC
DotDescrip: WASTE TOXIC LIQUID ORGANIC NOS (TETRACHLOROETHYLENE) 6.1 UN2810
ERG153 RQ
AdditionalDot: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS LLC (Continued)

S108984882

Quantity: 600.00
Unit: P
Waste: F002
Date Shipped: 10/19/2007 0:00:00
Facility City: SUMTER
Facility State: SC
Fac Date: 11/12/2007 0:00:00

Manifest ID: 000569365GBF
EPAID: VTD981061963
Mailing Name: DENOIAS DRY CLEANERS
Mailing Address: PO BOX 215
Mailing City,St,Zip: MORRISVILLE, VT 05661-0215
Contact Phone: 8028884368
Contact Name: NICHOLAS DENOIA
Trans1: IND000640847
T1 Name: R L CARTER TRUCKING INC
Manifest Transporter City: Not reported
Manifest Transporter State: Not reported
FACID: SCD036275626
Facility Name: GIANT RESOURCE RECOVERY SUMTER INC
DotDescrip: RQ WASTE TOXIC LIQUIDS ORGANIC NOS 6.1 UN2810 PGII (TETRACHLOROETHYLENE) ERG153

AdditionalDot: Not reported
Quantity: 800.00
Unit: P
Waste: F002
Date Shipped: 6/28/2007 0:00:00
Facility City: SUMTER
Facility State: SC
Fac Date: 7/23/2007 0:00:00

G25
NE
1/8-1/4
0.199 mi.
1050 ft.
DENOIAS DRY CLEANERS
140 PORTLAND ST
MORRISTOWN, VT 05661
Site 2 of 3 in cluster G

RCRA-SQG **1000405043**
FINDS **VTD981061963**

Relative:
Higher

RCRA-SQG:
Date form received by agency: 03/03/2008
Facility name: DENOIAS DRY CLEANERS LLC
Facility address: 140 PORTLAND ST
MORRISVILLE
MORRISTOWN, VT 056610215
EPA ID: VTD981061963
Mailing address: PO BOX 215
MORRISVILLE, VT 056610215
Contact: NICHOLAS DENOIA
Contact address: PO BOX 215
MORRISVILLE, VT 056610215
Contact country: US
Contact telephone: (802) 888-4368
Contact email: NICKDENOIA@NETSCAPE.NET
EPA Region: 01
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

Actual:
656 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS (Continued)

1000405043

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NICHOLAS DENOIA
Owner/operator address: PO BOX 1403
STOWE, VT 05672
Owner/operator country: Not reported
Owner/operator telephone: (802) 253-8622
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NICHOLAS DENOIA
Owner/operator address: PO BOX 1403
STOWE, VT 05672
Owner/operator country: Not reported
Owner/operator telephone: (802) 253-8622
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/11/2003
Facility name: DENOIAS DRY CLEANERS LLC
Classification: Small Quantity Generator

Date form received by agency: 04/13/1986
Facility name: DENOIAS DRY CLEANERS LLC
Site name: DENOIAS DRY CLEANERS
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIAS DRY CLEANERS (Continued)

1000405043

Waste name: TETRACHLOROETHYLENE

Waste code: F001

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: F001

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/04/1996

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation: Not reported

Date achieved compliance: Not reported

Evaluation lead agency: State

FINDS:

Registry ID: 110005294564

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G26
NE
1/8-1/4
0.200 mi.
1053 ft.

DENOIA'S DRY CLEANERS
140 PORTLAND STREET
MORRISTOWN, VT

Site 3 of 3 in cluster G

SHWS S106749028
N/A

Relative:
Higher

SHWS:

Facility ID: 20043300

Flag: ACTIVE

Priority: Threatened Sensitive Receptor (30<=VSPS<=60)

Staff: Michael Smith

Contact: Nicholas DeNoia

Owner Address: 140 Portland Street

Owner City,St,Zip: Morrisville, VT 05661

Discovery Date: 12/9/2004 0:00:00

Closure Date: Not reported

Project Status: Phase II assessment found PCE in groundwater. Further investigation needed to define extent of contamination. Investigation is moving forward. Potential indoor air in neighboring building. Insurance co paying for development of a caffi and remediation under third party coverage.

Source: Dry Cleaners

Source: Floor drain/Dry well

Source: Non-Petroleum

Facility ID: 20043300

Flag: ACTIVE

Priority: Threatened Sensitive Receptor (30<=VSPS<=60)

Staff: Michael Smith

Contact: Nicholas DeNoia

Owner Address: 140 Portland Street

Owner City,St,Zip: Morrisville, VT 05661

Discovery Date: 12/9/2004 0:00:00

Closure Date: Not reported

Project Status: Phase II assessment found PCE in groundwater. Further investigation needed to define extent of contamination. Investigation is moving forward. Potential indoor air in neighboring building. Insurance co paying for development of a caffi and remediation under third party coverage.

Source: Dry Cleaners

Source: Floor drain/Dry well

Source: Non-Petroleum

Facility ID: 20043300

Flag: ACTIVE

Priority: Threatened Sensitive Receptor (30<=VSPS<=60)

Staff: Michael Smith

Contact: Nicholas DeNoia

Owner Address: 140 Portland Street

Owner City,St,Zip: Morrisville, VT 05661

Discovery Date: 12/9/2004 0:00:00

Closure Date: Not reported

Project Status: Phase II assessment found PCE in groundwater. Further investigation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DENOIA'S DRY CLEANERS (Continued)

S106749028

needed to define extent of contamination. Investigation is moving forward. Potential indoor air in neighboring building. Insurance co paying for development of a caffi and remediation under third party coverage.

Source: Dry Cleaners
Source: Floor drain/Dry well
Source: Non-Petroleum

H27
South
1/8-1/4
0.204 mi.
1079 ft.

BOURNE'S ENERGY - SHOP - MORRISVILLE
65 RANDOLPH ROAD
MORRISVILLE, VT 05661

AST S108489145
TIER 2 N/A

Site 1 of 2 in cluster H

Relative:
Lower

AST:
Facility Id: FATR20094XE0AG00E8B8
Facility Country: USA
Failed Validation: Not reported
Report Year: 2009
Facility Notes: Not reported

Actual:
620 ft.

Chem Inv:
Report Year: 2009
Chem Inv Record ID: CVTR20094XE1V000TPM8
Acute: True
Ave Amount: Not reported
Ave Amount Code: 02
Chem Same As Last Yr: True
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 2/5/2010
Days On Site: 365
Entered Chem Name: Windshield Washer Fluid
Fire: True
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: Not reported
Max Amount Code: 02
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: CVTR20094XE1V000TPM8
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road, Morrisville, Vt
Amount: 55

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Amount Unit:	gallons
Last Modified:	2/5/2010
Report Year:	Not reported
Chemical Id:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Report Year:	2009
Chem Inv Record ID:	CVTR20096ZD3NA01D8T4
Acute:	True
Ave Amount:	Not reported
Ave Amount Code:	03
Chem Same As Last Yr:	Not reported
Chronic:	Not reported
CAS NUMBER:	64741-88-4
EHS Chemical:	Not reported
Last Modified:	2/5/2010
Days On Site:	365
Entered Chem Name:	Kendall Super - D XA 15W-40 Synthetic Motor Oil
Fire:	True
Gas:	Not reported
Liquid:	T
Mixture:	True
Max Amount:	Not reported
Max Amount Code:	03
Max Amt Container:	2200
Pressure:	Not reported
Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	VT2009
Trade Secret:	Not reported
Chem Loc:	
Report Year:	2009
Chemical Inv Record ID:	CVTR20096ZD3NA01D8T4
Type Code:	D
Pressure Code:	1
Temperature Code:	4
Location:	65 Randolph Road Morrisville, Vt. 05661
Amount:	275
Amount Unit:	gallons
Last Modified:	2/5/2010
Report Year:	Not reported
Chemical Id:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Report Year:	2009
Chem Inv Record ID:	CVTR20096ZF80H00127L
Acute:	True
Ave Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 64741-88-4
EHS Chemical: Not reported
Last Modified: 2/5/2010
Days On Site: 365
Entered Chem Name: KENDALL MOTOR OIL SAE 5W-20 SYNTHETIC
Fire: True
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: Not reported
Max Amount Code: 02
Max Amt Container: 440
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Report Year: 2009
Chemical Inv Record ID: CVTR20096ZFF80H00127L
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Rd, Morrisville, Vt 05661
Amount: 55
Amount Unit: gallons
Last Modified: 2/5/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported

TIER 2:

Facility Dept: Randolph Road
Failed Validation: Not reported
Fire District: Not reported
Mail Address: P.O. Box 547
Mail City,St,Zip: Morrisville, VT 5661
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Peter Bourne, Owner
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20084XE0AG00E8B8
Date Signed: 1/26/2009
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/14/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

FEE TOTAL: 116
EMPLOYEE NUMBER: Not reported
REP YEAR: 2008
Notes: Not reported

Chem Inv:

Reported Year: 2008
Chem Inv Record ID: CVTR20084XE1XB00VPU5
Acute: True
Ave Amount: Not reported
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 107-21-1
EHS Chemical: Not reported
Last Modified: 3/2/2009
Days On Site: 365
Entered Chem Name: ANTIFREEZE
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 2
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:

Reported Year: 2008
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/2/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR20084XE1V000TPM8
Acute: True
Ave Amount: Not reported
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 3/2/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Days On Site: 365
Entered Chem Name: Windshield Washer Fluid
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 2
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:
Reported Year: 2008
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/2/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR20084XE20200X2CP
Acute: Not reported
Ave Amount: Not reported
Ave Amount Code: 3
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 64741-88-4
EHS Chemical: Not reported
Last Modified: 3/2/2009
Days On Site: 365
Entered Chem Name: 76 T5X HEAVY DUTY 15W 40 MOTOR OIL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: Not reported
Max Amount Code: 3
Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Chem Loc:

Reported Year: 2008
Type Code: C
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road
Amount: Not reported
Amount Unit: pounds
Last Modified: 3/2/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: 65 Randolph Road
Failed Validation: Not reported
Fire District: Morrisville
Mail Address: P.O. Box 549
Mail City,St,Zip: Morrisville, VT 05661
Mail Country: USA
Lat/Long: 44.55937 / -72.60132
Lat Long Location Description: OT - Other
Lat Long Method: TerraServer
Submitted By: Peter Bourne, Owner
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20094XE0AG00E8B8
Date Signed: 1/19/2010
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/22/2010
FEE TOTAL: 125.00
EMPLOYEE NUMBER: 2
REP YEAR: 2009
Notes: Not reported

Chem Inv:

Reported Year: 2009
Chem Inv Record ID: CVTR20094XE1V000TPM8
Acute: True
Ave Amount: Not reported
Ave Amount Code: 02
Chem Same As Last Yr: True
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 2/5/2010
Days On Site: 365
Entered Chem Name: Windshield Washer Fluid
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Max Amt Container: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Reported Year: 2009
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road, Morrisville, Vt
Amount: 55
Amount Unit: gallons
Last Modified: 2/5/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2009
Chem Inv Record ID: CVTR20096ZD3NA01D8T4
Acute: True
Ave Amount: Not reported
Ave Amount Code: 03
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 64741-88-4
EHS Chemical: Not reported
Last Modified: 2/5/2010
Days On Site: 365
Entered Chem Name: Kendall Super - D XA 15W-40 Synthetic Motor Oil
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 03
Max Amt Container: 2200
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:

Reported Year: 2009
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Road Morrisville, Vt. 05661
Amount: 275
Amount Unit: gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Last Modified: 2/5/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2009
Chem Inv Record ID: CVTR20096ZF80H00127L
Acute: True
Ave Amount: Not reported
Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 64741-88-4
EHS Chemical: Not reported
Last Modified: 2/5/2010
Days On Site: 365
Entered Chem Name: KENDALL MOTOR OIL SAE 5W-20 SYNTHETIC
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: Not reported
Max Amount Code: 02
Max Amt Container: 440
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: 65 Randolph Rd, Morrisville, Vt 05661
Amount: 55
Amount Unit: gallons
Last Modified: 2/5/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Facility Dept: Randolph Road
Failed Validation: Not reported
Fire District: Not reported
Mail Address: P.O. Box 547
Mail City,St,Zip: Morrisville, VT 5661
Mail Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Lat/Long: Not reported
Lat Long Location Description: Not reported
Lat Long Method: Not reported
Submitted By: Peter Bourne, Owner
Chem Same As Last Yr: Not reported
Facility Record ID: FATR20064XE0AG00E8B8
Date Signed: 1/15/2007
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 05/29/07
FEE TOTAL: 116
EMPLOYEE NUMBER: 0
REP YEAR: 2006
Notes: Not reported

Chem Inv:

Reported Year: 2006
Chem Inv Record ID: CVTR20064XE1V000TPM8
Acute: True
Ave Amount: 0
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 02/02/07
Days On Site: 365
Entered Chem Name: Windshield Washer Fluid
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 0
Max Amount Code: 2
Max Amt Container: 0
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2006
Trade Secret: Not reported

Chem Loc:

Reported Year: 2006
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: See Tier 2
Amount: 0
Amount Unit: pounds
Last Modified: 02/02/07
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Chem Inv Record ID: CVTR20064XE1XB00VPU5
Acute: True
Ave Amount: 0
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 107-21-1
EHS Chemical: Not reported
Last Modified: 02/02/07
Days On Site: 365
Entered Chem Name: ANTIFREEZE
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 0
Max Amount Code: 2
Max Amt Container: 0
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2006
Trade Secret: Not reported

Chem Loc:

Reported Year: 2006
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: See Tier 2
Amount: 0
Amount Unit: pounds
Last Modified: 02/02/07
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2006

Chem Inv Record ID: CVTR20064XE20200X2CP
Acute: Not reported
Ave Amount: 0
Ave Amount Code: 3
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: 64741-88-4
EHS Chemical: Not reported
Last Modified: 02/02/07
Days On Site: 365
Entered Chem Name: 76 T5X HEAVY DUTY 15W 40 MOTOR OIL
Fire: True
Gas: Not reported
Liquid: True
Mixture: Not reported
Max Amount: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNE'S ENERGY - SHOP - MORRISVILLE (Continued)

S108489145

Max Amount Code: 3
Max Amt Container: 0
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2006
Trade Secret: Not reported

Chem Loc:

Reported Year: 2006
Type Code: C
Pressure Code: 1
Temperature Code: 4
Location: See Tier 2
Amount: 0
Amount Unit: pounds
Last Modified: 02/02/07
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

H28
South
1/8-1/4
0.204 mi.
1079 ft.

BOURNES INC
65 RANDOLPH RD
MORRISTOWN, VT 05661

Site 2 of 2 in cluster H

RCRA-SQG **1007116880**
MANIFEST **VTR000508044**

Relative:
Lower

RCRA-SQG:

Actual:
620 ft.

Date form received by agency: 06/25/2009
Facility name: BOURNES INC
Facility address: 65 RANDOLPH RD
MORRISVILLE
MORRISTOWN, VT 05661
EPA ID: VTR000508044
Mailing address: PO BOX 549
MORRISVILLE, VT 05661
Contact: DAVID CAMPBELL
Contact address: PO BOX 549
MORRISVILLE, VT 05661
Contact country: US
Contact telephone: (802) 888-2611
Contact email: Not reported
EPA Region: 01
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Owner/Operator Summary:

Owner/operator name: BOURNES OIL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/14/1988
Owner/Op end date: Not reported

Owner/operator name: BOURNES OIL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/14/1988
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: Unknown
Underground injection activity: Unknown
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: CATHODE RAY TUBES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: PCB-CONTAINING LIGHT BALLASTS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Z
Accumulated waste on-site: No
Generated waste on-site: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: CATHODE RAY TUBES
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: PCB-CONTAINING LIGHT BALLASTS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Z
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 04/10/2009
Facility name: BOURNES INC
Classification: Small Quantity Generator

Date form received by agency: 03/05/2008
Facility name: BOURNES INC
Classification: Small Quantity Generator

Date form received by agency: 07/09/2003
Facility name: BOURNES INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: VT02
Waste name: Waste containing greater than 5% by weight petroleum distillates with

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

melting points of less than 100 degrees F, including but not limited to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Waste code: VT02
Waste name: Waste containing greater than 5% by weight petroleum distillates with melting points of less than 100 degrees F, including but not limited to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Large Quantity Handlers
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 05/12/2009
Date achieved compliance: 05/28/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Area of violation: Used Oil - Generators
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

Evaluation date: 05/12/2009
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Universal Waste - Large Quantity Handlers
Date achieved compliance: 05/28/2009
Evaluation lead agency: State

VT MANIFEST:

Manifest ID: 002561008JJK
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NJ0000027193
T1 Name: CLEAN VENTURE INC
Manifest Transporter City: ELIZABETH
Manifest Transporter State: NJ
FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VT REGULATED SOLID - OILY DEBRIS
AdditionalDot: Not reported
Quantity: 800.00
Unit: P
Waste: ID27;VT02
Date Shipped: 6/25/2007 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 7/13/2007 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Manifest ID: 001030869GBF
EPAID: VTR000508044
Mailing Name: BOURNES INC
Mailing Address: PO BOX 549
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: DAVID CAMPBELL
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NON RCRA NON DOT OIL/WATER
AdditionalDot: Not reported
Quantity: 45.00
Unit: G
Waste: VT99
Date Shipped: 10/21/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 10/21/2009 0:00:00

Manifest ID: 001030869GBF
EPAID: VTR000508044
Mailing Name: BOURNES INC
Mailing Address: PO BOX 549
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: DAVID CAMPBELL
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NON RCRA NON DOT OILY DEBRIS
AdditionalDot: Not reported
Quantity: 700.00
Unit: P
Waste: VT02
Date Shipped: 10/21/2009 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 10/21/2009 0:00:00

Manifest ID: 002561008JJK
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NY0001031814
T1 Name: PRECISION INDUSTRIAL MAINT INC
Manifest Transporter City: SCHENECTADY
Manifest Transporter State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VT REGULATED SOLID - OILY DEBRIS
AdditionalDot: Not reported
Quantity: 800.00
Unit: P
Waste: ID27;VT02
Date Shipped: 6/25/2007 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 7/13/2007 0:00:00

Manifest ID: 000308034JJK
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NJ0000027193
T1 Name: CLEAN VENTURE INC
Manifest Transporter City: ELIZABETH
Manifest Transporter State: NJ
FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VERMONT REGULATED SOLID OILY DEBRIS
AdditionalDot: Not reported
Quantity: 400.00
Unit: P
Waste: VT02
Date Shipped: 10/10/2006 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 10/27/2006 0:00:00

Manifest ID: NJA5311875
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NJ0000027193
T1 Name: CLEAN VENTURE INC
Manifest Transporter City: ELIZABETH
Manifest Transporter State: NJ
FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VERMONT REGULATED SOLID OILY DEBRIS
AdditionalDot: Not reported
Quantity: 700.00
Unit: P
Waste: VT02
Date Shipped: 7/18/2006 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 7/27/2006 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

Manifest ID: 000752162GBF
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NON RCRA NON DOT OILY DEBRIS
AdditionalDot: Not reported
Quantity: 800.00
Unit: P
Waste: VT02
Date Shipped: 11/20/2008 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 11/21/2008 0:00:00

Manifest ID: 000308034JJK
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NY0001031814
T1 Name: PRECISION INDUSTRIAL MAINT INC
Manifest Transporter City: SCHENECTADY
Manifest Transporter State: NY
FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VERMONT REGULATED SOLID OILY DEBRIS
AdditionalDot: Not reported
Quantity: 400.00
Unit: P
Waste: VT02
Date Shipped: 10/10/2006 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 10/27/2006 0:00:00

Manifest ID: NJA5311875
EPAID: VTR000508044
Mailing Name: BOURNE'S INC.
Mailing Address: PO BOX 547
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: PETER BOURNE
Trans1: NY0001031814
T1 Name: PRECISION INDUSTRIAL MAINT INC
Manifest Transporter City: SCHENECTADY
Manifest Transporter State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOURNES INC (Continued)

1007116880

FACID: NJD002200046
Facility Name: CYCLECHEM,INC.
DotDescrip: VERMONT REGULATED SOLID OILY DEBRIS
AdditionalDot: Not reported
Quantity: 700.00
Unit: P
Waste: VT02
Date Shipped: 7/18/2006 0:00:00
Facility City: ELIZABETH
Facility State: NJ
Fac Date: 7/27/2006 0:00:00

Manifest ID: 001030917GBF
EPAID: VTR000508044
Mailing Name: BOURNES INC
Mailing Address: PO BOX 549
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: DAVID CAMPBELL
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NON RCRA NON DOT OILY DEBRIS
AdditionalDot: Not reported
Quantity: 200.00
Unit: P
Waste: VT02
Date Shipped: 1/25/2010 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 1/26/2010 0:00:00

Manifest ID: 001030917GBF
EPAID: VTR000508044
Mailing Name: BOURNES INC
Mailing Address: PO BOX 549
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028882611
Contact Name: DAVID CAMPBELL
Trans1: MAD980670004
T1 Name: ENPRO SERVICES INC
Manifest Transporter City: NEWBURYPORT
Manifest Transporter State: MA
FACID: VTR000517052
Facility Name: ENPRO SERVICES OF VERMONT INC
DotDescrip: NA1993 FUEL OIL #2 3 PGIII
AdditionalDot: Not reported
Quantity: 55.00
Unit: G
Waste: VT99
Date Shipped: 1/25/2010 0:00:00
Facility City: WILLISTON
Facility State: VT
Fac Date: 1/26/2010 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

29
ENE
1/8-1/4
0.209 mi.
1105 ft.

PLEASANT ST AUTO CARE
56 PLEASANT ST
MORRISTOWN, VT 05661

RCRA-CESQG
FINDS

1005444953
VTR000503441

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 05/06/2002

Facility name: PLEASANT ST AUTO CARE

Facility address: 56 PLEASANT ST
MORRISTOWN, VT 05661

EPA ID: VTR000503441

Mailing address: PO BOX 355
MORRISVILLE, VT 05661

Contact: CHARLES PATCH

Contact address: PO BOX 355
MORRISVILLE, VT 05661

Contact country: US

Contact telephone: (802) 888-4968

Contact email: Not reported

EPA Region: 01

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: KENNETH & SALLY GILMAN

Owner/operator address: PO BOX 724
MORRISVILLE, VT 05661

Owner/operator country: Not reported

Owner/operator telephone: (802) 888-3541

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/0001

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: No

Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLEASANT ST AUTO CARE (Continued)

1005444953

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: Yes
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: VT02
Waste name: Waste containing greater than 5% by weight petroleum distillates with melting points of less than 100 degrees F, including but not limited to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Violation Status: No violations found

FINDS:

Registry ID: 110012564117

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I30
NNE
1/8-1/4
0.225 mi.
1186 ft.

BORNEMANN & GREENE MACHINE SHOP
33 FOUNDRY STREET
MORRISTOWN, VT

UST **U003929663**
N/A

Site 1 of 3 in cluster I

Relative:
Higher

UST:

Facility ID: 5554143
Facility Status: PULLED

Actual:
646 ft.

Facility:

Sites Id: 20033155
Pin: Not reported
Permitted To: Not reported
Landowner: ** Unknown ***
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1
Site Code: C
Removed: 1
Receipt: Not reported
Owner Name: John Bornemann
Owner Person: Bornemann & Greene Machine Shop
Owner Address: 33 Foundry Street
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: Not reported
Operator Name: John Bornemann
Operator Person: Bornemann & Greene Machine Shop
Operator Address: 33 Foundry Street
Operator City,St,Zip: Morrisville, VT 05661
Operator Telephone: Not reported
Groundwater Monitoring Wells: Not reported
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 4119
Tank Status: PULLED
Tank Label: -1-1
Year Removed: 2003
Capacity (Gal): 1000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: Not reported
Release Monitor: Not reported
Condition: POOR
Date Reference: 10/31/03

Compartment:

Comp Id: 4114
Compartment Label: -1-1/A
Substance: Fuel Oil
Spill: Not reported
Overfill: Not reported

Piping:

Comp Id: 4114
Compartment Label: 4114
Pipe Seq: 1
Pipe Type: DEFAULT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORNEMANN & GREENE MACHINE SHOP (Continued)

U003929663

Pipe Installation Year: Not reported
Pipe Protection: Not reported
Cp Pipe Test: Not reported
Pipe Monitor 1: Not reported
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: Not reported

I31
NNE
1/8-1/4
0.225 mi.
1186 ft.

BORNEMANN & GREEN MACHINE SHOP
33 FOUNDRY ST
MORRISTOWN, VT

SHWS **S106479035**
LUST **N/A**

Site 2 of 3 in cluster I

Relative:
Higher

SHWS:

Facility ID: 20033155
Flag: CLOSED
Priority: Site Management Activity Completed
Staff: Lynda Provencher
Contact: Greene Corporation
Owner Address: 33 Foundry Street
Owner City,St,Zip: Morrisville, VT 05661
Discovery Date: Not reported
Closure Date: Not reported
Project Status: 1,000 gallon fuel oil UST removed October, 2003. Free product and dissolved contamination detected in groundwater. Initial site investigation groundwater data showed petroleum compounds in groundwater, as well as tetrachloroethene and 1,1,1-trichloroethane in groundwater. These two compounds were below standards and were only detected in two wells a distance away from the UST on the property boundary. Consultant suggested this is coming from offsite sources. 177 tons of contaminated soil excavated in November, 2004. . June, 2008 sampling results showed groundwater contamination in all wells to be either below standards or non-detect. When wells are properly abandoned, site will be eligible for a Site Management Activity Completed (SMAC) designation.

Source: Free Product Present

Source: UST-Heating Oil

LUST:

Facility ID: 20033155
Discovery Date: Not reported
Closure Date: Not reported
Flag: CLOSED
Priority: Site Management Activity Completed
Staff: Lynda Provencher
Owner: Greene Corporation
Owner Address: 33 Foundry Street
Owner City,St,Zip: Morrisville, VT 05661
Project Status: 1,000 gallon fuel oil UST removed October, 2003. Free product and dissolved contamination detected in groundwater. Initial site investigation groundwater data showed petroleum compounds in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BORNEMANN & GREEN MACHINE SHOP (Continued)

S106479035

groundwater, as well as tetrachloroethene and 1,1,1-trichloroethane in groundwater. These two compounds were below standards and were only detected in two wells a distance away from the UST on the property boundary. Consultant suggested this is coming from offsite sources. 177 tons of contaminated soil excavated in November, 2004. . June, 2008 sampling results showed groundwater contamination in all wells to be either below standards or non-detect. When wells are properly abandoned, site will be eligible for a Site Management Activity Completed (SMAC) designation.

Source: Free Product Present

Source: UST-Heating Oil

**32
NE
1/8-1/4
0.235 mi.
1240 ft.**

**EMERSON PROPERTY
120 PLEASANT ST.
MORRISTOWN, VT**

**LUST S106913390
N/A**

**Relative:
Higher**

LUST:

Facility ID: 20053352
Discovery Date: 9/16/2004 0:00:00
Closure Date: Not reported
Flag: ACTIVE
Priority: Threatened Sensitive Receptor (30<=VSPS<=60)
Staff: Tim Cropley
Owner: Jeff Emerson
Owner Address: PO Box 400
Owner City,St,Zip: Morrisville, VT 05661
Project Status: PCS excavated and stockpiled on site. May need to be moved off site or disposed.
Source: UST-Heating Oil

**Actual:
660 ft.**

**I33
NE
1/8-1/4
0.236 mi.
1244 ft.**

**MORRISVILLE LUMBER COMPANY
FOUNDRY STREET
MORRISTOWN, VT 05661**

**UST U000908585
N/A**

Site 3 of 3 in cluster I

**Relative:
Higher**

UST:

Facility ID: 8884501
Facility Status: PULLED

**Actual:
646 ft.**

Facility:

Sites Id: 20002759
Pin: BR97-0571
Permitted To: Tank Owner
Landowner: Morrisville Lumber Company
Permit Expires: Not reported
Fee Status: Not reported
Tanks Pulled: 1
Site Code: C
Removed: 1
Receipt: 434
Owner Name: Morrisville Lumber Company

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MORRISVILLE LUMBER COMPANY (Continued)

U000908585

Owner Person: Mark Loati President
Owner Address: 200 Portland Street Box 697
Owner City,St,Zip: Morrisville, VT 05661
Owner Telephone: 802-888-4501
Operator Name: Morrisville Lumber Company
Operator Person: Mark Loati President
Operator Address: 200 Portland Street Box 697
Operator City,St,Zip: Morrisville, VT 05661
Operator Telephone: 802-888-4501
Groundwater Monitoring Wells: 3
Vapor Monitoring Points: Not reported

TANK DATA:

Tank ID: 5258
Tank Status: PULLED
Tank Label: 1982-1
Year Removed: 2000
Capacity (Gal): 3000
Category One: UST
Tank Protect: U
CP Test: Not reported
Release Monitor: GWM
Release Monitor: Not reported
Condition: Not reported
Date Reference: Not reported

Compartment:

Comp Id: 5252
Compartment Label: 1982-1/A
Substance: Gasoline
Spill: None
Overfill: N

Piping:

Comp Id: 5252
Compartment Label: 5252
Pipe Seq: 1
Pipe Type: DEFAULT
Pipe Installation Year: 1982
Pipe Protection: Unprotected steel
Cp Pipe Test: Not reported
Pipe Monitor 1: GWM
Pipe Monitor 1 Test: Not reported
Pipe Monitor 2: Not reported
Pipe Monitor 2 Tested Date: Not reported
Pipe Monitor 2 Test: Not reported
Pump Type: S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J34
East
1/8-1/4
0.237 mi.
1251 ft.
Site 1 of 3 in cluster J

MANIFEST **S109792428**
N/A

Relative:
Higher

CT MANIFEST:

Waste:

Actual:
679 ft.

Manifest No: CTF1178118
Waste Occurrence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: FLAMMABLE LIQUIDS, N.O.S.
No of Containers: 1
Container Type: TT
Quantity: 110
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2/9/2006
DEO Who Last Modified Record: CYF

Waste CD:

Manifest No: CTF1178118
Waste Occurrence: 1
EPA Waste Code: F003
Recycled Waste?: F
Date Record Was Last Modified: 2/9/2006
DEO Who Last Modified Record: CYF

Detail:

Year: 2005
Manifest ID: CTF1178118
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY, INC.
TSDF Address: 14 WEST MAIN STREET
TSDF City,St,Zip: MERIDEN, CT 06451
TSDF Country: USA
TSDF Telephone: (203)238-6745
Transport Date: 3/28/2005
Transporter EPA ID: NJD080631369
Transporter Name: ONYX ENVIRONMENTAL SERVICES, L.L.C.
Transporter Country: USA
Transporter Phone: (973)691-7321
Trans 2 Date: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
EPA ID: VTD981206220
Generator Phone: 8028885092
Generator Mailing Addr: PO BOX 86
Generator Mailing Town: MORRISVILLE
Generator Mailing State: VT
Generator Mailing Zip: 05661
Generator Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHARDS AUTO BODY & REPAIR SHOP (Continued)

S109792428

Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 3/28/2005
Date Received: Not reported
Last modified date: 2/9/2006
Last modified by: CYF
Comments: Not reported

J35
East
1/8-1/4
0.237 mi.
1251 ft.

RICHARD'S AUTO BODY & REPAIR SHOP
86 UPPER MAIN ST
MORRISVILLE, VT 05661

MANIFEST **S109792427**
N/A

Site 2 of 3 in cluster J

Relative:
Higher

CT MANIFEST:

Waste:

Actual:
679 ft.

Manifest No: CTC0259153
Waste Occurrence: 1
UNNA: 1263
Hazard Class: FLAMMABLE
US Dot Description: WASTE PAINT RELATED MATERIAL
No of Containers: 001
Container Type: TT
Quantity: 85
Weight/Volume: G
Additional Description: Y
Handling Code: T01
Date Record Was Last Modified: 4/27/2004
DEO Who Last Modified Record: IG

Waste CD:

Manifest No: CTC0259153
Waste Occurrence: 1
EPA Waste Code: D001
Recycled Waste?: F
Date Record Was Last Modified: 4/27/2004
DEO Who Last Modified Record: IG

Detail:

Year: 1989
Manifest ID: CTC0259153
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES, INC.
TSDF Address: 130 FREIGHT STREET
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 8/21/1989
Transporter EPA ID: ILD099202681
Transporter Name: CHEMICAL WASTE MANAGEMENT, INC. (TRANSPORTER)
Transporter Country: USA
Transporter Phone: Not reported
Trans 2 Date: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHARD'S AUTO BODY & REPAIR SHOP (Continued)

S109792427

Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
EPA ID: VTD981206220
Generator Phone: 8028885092
Generator Mailing Addr: 86 UPPER MAIN ST
Generator Mailing Town: MORRISVILLE
Generator Mailing State: VT
Generator Mailing Zip: 05661
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 8/21/1989
Date Received: 8/24/1989
Last modified date: 4/27/2004
Last modified by: IG
Comments: Not reported

J36
East
1/8-1/4
0.237 mi.
1251 ft.

RICHARDS AUTO BODY & REPAIR SHOP
86 UPPER MAIN ST
MORRISTOWN, VT 05661

RCRA-CESQG **1004792128**
FINDS **VTD981206220**

Site 3 of 3 in cluster J

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 03/27/2008

Facility name: RICHARDS AUTO BODY & REPAIR SHOP

Facility address: 86 UPPER MAIN ST
MORRISVILLE
MORRISTOWN, VT 05661

EPA ID: VTD981206220
Mailing address: PO BOX 86
MORRISVILLE, VT 05661

Contact: RICHARD COTE
Contact address: PO BOX 86
MORRISVILLE, VT 05661

Contact country: US
Contact telephone: (802) 888-5092
Contact email: Not reported

EPA Region: 01
Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHARDS AUTO BODY & REPAIR SHOP (Continued)

1004792128

Owner/Operator Summary:

Owner/operator name: OPERATOR INFO NOT PROVIDED
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/27/2008
Owner/Op end date: Not reported

Owner/operator name: RICHARD COTE
Owner/operator address: OWNERSTREET
OWNERCITY, VT 99999
Owner/operator country: Not reported
Owner/operator telephone: (802) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 03/03/2008
Facility name: RICHARDS AUTO BODY & REPAIR SHOP
Classification: Small Quantity Generator

Date form received by agency: 04/12/2006
Facility name: RICHARDS AUTO BODY & REPAIR SHOP
Classification: Small Quantity Generator

Date form received by agency: 09/15/1986
Facility name: RICHARDS AUTO BODY & REPAIR SHOP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHARDS AUTO BODY & REPAIR SHOP (Continued)

1004792128

Registry ID: 110005294699

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

37
ENE
1/8-1/4
0.244 mi.
1288 ft.

FIRST STUDENT, INC. #11789
30 VFW DRIVE
HYDE PARK, VT 05655

AST S109568755
TIER 2 N/A

Relative:
Higher

AST:
Facility Id: FATR2009000000000893
Facility Country: US
Failed Validation: Not reported
Report Year: 2009
Facility Notes: Not reported

Actual:
672 ft.

Chem Inv:
Report Year: 2009
Chem Inv Record ID: CVTR2009000893000907
Acute: Not reported
Ave Amount: 120
Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 3/8/2010
Days On Site: 365
Entered Chem Name: Grease
Fire: Not reported
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: 120
Max Amount Code: 02
Max Amt Container: 120
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: CVTR2009000893000907
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: Maintenance Area
Amount: 120

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

Amount Unit: pounds
Last Modified: 3/8/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Report Year: 2009
Chem Inv Record ID: CVTR2009000893001923
Acute: Not reported
Ave Amount: 394
Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 3/8/2010
Days On Site: 365
Entered Chem Name: Automatic Transmission Fluid
Fire: Not reported
Gas: Not reported
Liquid: T
Mixture: True
Max Amount: 394
Max Amount Code: 02
Max Amt Container: 394
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Report Year: 2009
Chemical Inv Record ID: CVTR2009000893001923
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: Maintenance Area.
Amount: 55
Amount Unit: gallons
Last Modified: 3/8/2010
Report Year: Not reported
Chemical Id: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported

TIER 2:
Facility Dept: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

Failed Validation: Not reported
Fire District: Not reported
Mail Address: c/o Strata Environmental, 110 Perimeter Park, Suite E
Mail City,St,Zip: Knoxville, TN 37922
Mail Country: USA
Lat/Long: Not reported
Lat Long Location Description: CE - Center of Facility
Lat Long Method: A1 - Address Matching (House Number)
Submitted By: D. Gregory Jernigan, Authorized Rep
Chem Same As Last Yr: True
Facility Record ID: FATR2008000000000893
Date Signed: 1/29/2009
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 5/14/2009
FEE TOTAL: Not reported
EMPLOYEE NUMBER: Not reported
REP YEAR: 2008
Notes: Not reported

Chem Inv:

Reported Year: 2008
Chem Inv Record ID: CVTR20086AE8L40087XV
Acute: True
Ave Amount: 231
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: 7439-92-1
EHS Chemical: Not reported
Last Modified: 2/10/2009
Days On Site: 365
Entered Chem Name: LEAD (contained in automotive batteries)
Fire: Not reported
Gas: Not reported
Liquid: Not reported
Mixture: True
Max Amount: 231
Max Amount Code: 2
Max Amt Container: 231
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: True
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:

Reported Year: 2008
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: Inside shop
Amount: 38.5
Amount Unit: pounds
Last Modified: 2/10/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR20086AE848003H1A
Acute: True
Ave Amount: 490
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: True
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 2/10/2009
Days On Site: 365
Entered Chem Name: Antifreeze
Fire: Not reported
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 980
Max Amount Code: 2
Max Amt Container: 490
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:
Reported Year: 2008
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: Inside shop
Amount: 55
Amount Unit: gallons
Last Modified: 2/10/2009
Reported Year: 2008
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: Inside shop
Amount: 55
Amount Unit: gallons
Last Modified: 2/10/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR20086AE8BP005Y20
Acute: Not reported
Ave Amount: 825

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 2/10/2009
Days On Site: 365
Entered Chem Name: Windshield Washer Fluid
Fire: True
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 1650
Max Amount Code: 3
Max Amt Container: 1650
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2008
Trade Secret: Not reported

Chem Loc:
Reported Year: 2008
Type Code: C
Pressure Code: 1
Temperature Code: 4
Location: Inside shop
Amount: 220
Amount Unit: gallons
Last Modified: 2/10/2009
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2008
Chem Inv Record ID: CVTR2008000893001923
Acute: Not reported
Ave Amount: 394
Ave Amount Code: 2
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 2/10/2009
Days On Site: 365
Entered Chem Name: Automatic Transmission Fluid
Fire: Not reported
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 394
Max Amount Code: 2
Max Amt Container: 394
Pressure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	VT2008
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2008
Type Code:	D
Pressure Code:	1
Temperature Code:	4
Location:	Inside shop
Amount:	55
Amount Unit:	gallons
Last Modified:	2/10/2009
Reported Year:	Not reported
MX Chem:	Not reported
Percentage:	Not reported
MX CAS:	Not reported
Wt Vol:	Not reported
MX EHS:	Not reported
MX Last Modified:	Not reported
Reported Year:	2008
Chem Inv Record ID:	CVTR2008000893000907
Acute:	Not reported
Ave Amount:	120
Ave Amount Code:	2
Chem Same As Last Yr:	Not reported
Chronic:	Not reported
CAS NUMBER:	Not reported
EHS Chemical:	Not reported
Last Modified:	2/10/2009
Days On Site:	365
Entered Chem Name:	Grease
Fire:	Not reported
Gas:	Not reported
Liquid:	True
Mixture:	True
Max Amount:	120
Max Amount Code:	2
Max Amt Container:	120
Pressure:	Not reported
Pure:	Not reported
Reactive:	Not reported
Solid:	Not reported
State Label Code:	VT2008
Trade Secret:	Not reported
Chem Loc:	
Reported Year:	2008
Type Code:	D
Pressure Code:	1
Temperature Code:	4
Location:	Inside shop
Amount:	120
Amount Unit:	pounds
Last Modified:	2/10/2009
Reported Year:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: This facility passed all validation checks.

Facility Dept: Not reported
Failed Validation: Not reported
Fire District: Not reported
Mail Address: c/o Strata Environmental, 110 Perimeter Park, Suite E
Mail City,St,Zip: Knoxville, TN 37922
Mail Country: USA
Lat/Long: 44.604904 / -72.640029
Lat Long Location Description: CE - Center of Facility
Lat Long Method: A1 - Address Matching (House Number)
Submitted By: D. Gregory Jernigan/Authorized Rep
Chem Same As Last Yr: True
Facility Record ID: FATR2009000000000893
Date Signed: 1/25/2010
Dike / Other Safeguard: Not reported
MODIFICATION DATE: 4/22/2010
FEE TOTAL: Not reported
EMPLOYEE NUMBER: Not reported
REP YEAR: 2009
Notes: Not reported

Chem Inv:
Reported Year: 2009
Chem Inv Record ID: CVTR2009000893000907
Acute: Not reported
Ave Amount: 120
Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 3/8/2010
Days On Site: 365
Entered Chem Name: Grease
Fire: Not reported
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 120
Max Amount Code: 02
Max Amt Container: 120
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRST STUDENT, INC. #11789 (Continued)

S109568755

Pressure Code: 1
Temperature Code: 4
Location: Maintenance Area
Amount: 120
Amount Unit: pounds
Last Modified: 3/8/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Reported Year: 2009
Chem Inv Record ID: CVTR2009000893001923
Acute: Not reported
Ave Amount: 394
Ave Amount Code: 02
Chem Same As Last Yr: Not reported
Chronic: Not reported
CAS NUMBER: Not reported
EHS Chemical: Not reported
Last Modified: 3/8/2010
Days On Site: 365
Entered Chem Name: Automatic Transmission Fluid
Fire: Not reported
Gas: Not reported
Liquid: True
Mixture: True
Max Amount: 394
Max Amount Code: 02
Max Amt Container: 394
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
State Label Code: VT2009
Trade Secret: Not reported

Chem Loc:
Reported Year: 2009
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: Maintenance Area.
Amount: 55
Amount Unit: gallons
Last Modified: 3/8/2010
Reported Year: Not reported
MX Chem: Not reported
Percentage: Not reported
MX CAS: Not reported
Wt Vol: Not reported
MX EHS: Not reported
MX Last Modified: Not reported
Valid: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

38
NE
1/8-1/4
0.247 mi.
1302 ft.

MORRISVILLE LUMBER
207 PORTLAND ST
MORRISTOWN, VT

LUST S104542511
N/A

Relative:
Higher

LUST:

Facility ID: 20002759
Discovery Date: 4/11/2000 0:00:00
Closure Date: 8/24/2000 0:00:00
Flag: **CLOSED**
Priority: Site Management Activity Completed
Staff: Gerold Noyes
Owner: Morrisville Lumber Co
Owner Address: 200 Portland St
Owner City,St,Zip: Morrisville, VT 05661
Project Status: UST removed. Contamination found. Investigation completed. Minor soil contamination. No groundwater encountered. SMAC
Source: UST-Gasoline

39
East
1/4-1/2
0.332 mi.
1753 ft.

PHELPS RESIDENCE
397 UPPER MAIN ST
MORRISTOWN, VT

LUST U004022314
N/A

Relative:
Higher

LUST:

Facility ID: 20063496
Discovery Date: 2/2/2006 0:00:00
Closure Date: 3/10/2006 0:00:00
Flag: **CLOSED**
Priority: Site Management Activity Completed
Staff: Ashley Desmond
Owner: Jordan Phelps
Owner Address: 397 Upper Main St
Owner City,St,Zip: Morrisville, VT 05661
Project Status: Underground storage tank removed. Contamination found. Following removal of 0.25 cubic yards of soils, a confirmatory sample was collected from the tank grave. No VOCs were detected. All properties in the area are served by municipal utilities.
Source: UST-Heating Oil

40
North
1/2-1
0.707 mi.
3732 ft.

POWNA TANNERY
ROUTE 346
POWNA, VT 05261

NPL 1000421511
CERCLIS VTD069910354
RCRA-SQG
US ENG CONTROLS
US INST CONTROL
ROD
FINDS
MANIFEST

Relative:
Higher

NPL:

EPA ID: VTD069910354
EPA Region: 01
Federal: N
Final Date: 1999-01-19 00:00:00

Actual:
679 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Site Details:

Site Name: POWNA TANNERY
Site Status: Final
Site Zip: 05261
Site City: POWNA
Site State: VT
Federal Site: No
Site County: BENNINGTON
EPA Region: 01
Date Proposed: 09/29/98
Date Deleted: Not reported
Date Finalized: 01/19/99

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: C210
Substance: PENTACHLORODIBENZO-P-DIOXIN
CAS #: 36088-22-9
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: C230
Substance: SULFURIC ACID
CAS #: 7664-93-9
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C325
Substance: NITRIC ACID
CAS #: 7697-37-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C392
Substance: PHOSPHORIC ACID
CAS #: 7664-38-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C448
Substance: BENZOFLUORANTHENE, 3,4-
CAS #: 205-99-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C516
Substance: DIMETHYLPHENOL
CAS #: 1300-71-6
Pathway: SURFACE WATER PATHWAY
Scoring: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNAL TANNERY (Continued)

1000421511

NPL Status: Currently on the Final NPL
Substance ID: C613
Substance: METHYL PHENOL, 4-
CAS #: 106-44-5
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C630
Substance: AROCLOR 1254
CAS #: 11097-69-1
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: D007
Substance: CHROMIUM
CAS #: 7440-47-3
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: P030
Substance: CYANIDES (SOLUBLE SALTS)
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U012
Substance: ANILINE
CAS #: 62-53-3
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U080
Substance: METHYLENE CHLORIDE
CAS #: 75-09-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Substance ID: U121
Substance: TRICHLOROFLUOROMETHANE
CAS #: 75-69-4
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U159
Substance: METHYL ETHYL KETONE
CAS #: 78-93-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U165
Substance: NAPHTHALENE
CAS #: 91-20-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U188
Substance: PHENOL
CAS #: 108-95-2
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U242
Substance: PENTACHLOROPHENOL (PCP)
CAS #: 87-86-5
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: Z019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Substance:	TETRACHLORODIBENZO-P-DIOXIN
CAS #:	41903-57-5
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	Z029
Substance:	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN
CAS #:	39227-28-6
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	Z030
Substance:	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN
CAS #:	57653-85-7
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	Z031
Substance:	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN
CAS #:	19408-74-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A009
Substance:	BENZO(K)FLUORANTHENE
CAS #:	207-08-9
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C049
Substance:	ETHYLBENZENE
CAS #:	100-41-4
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C067
Substance:	ISOPHORONE
CAS #:	78-59-1
Pathway:	SURFACE WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	C178
Substance:	COPPER AND COMPOUNDS

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POWNAL TANNERY (Continued)

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CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C196
Substance: HYDROCHLORIC ACID
CAS #: 7647-01-0
Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at Proposal September 29, 1998): The Pownal Tannery facility property is located between Route 346 and the Hoosic River in the Village of North Pownal, Vermont. The property is about 987 acres and is located in a rural area. Pownal Tanning operated between 1935 and 1988 at a building complex which currently encompasses approximately 169,915 square feet. A lagoon system, used to treat effluent tannery process water, is located northwest of the former tannery building. A sludge landfill, used for the disposal of accumulated lagoon sludge, is located southeast of the former tannery building. The three areas of concern encompass approximately 28 acres. The Pownal Tanning Company ceased operations on the property in 1988 and filed for bankruptcy. A variety of materials, many of which are hazardous, were used and stored in the former tannery building. In April 1993, 12,830 pounds of materials from throughout the former tannery building were collected, sorted for compatibility, and combined and consolidated for removal during an EPA Removal Program emergency removal action. A brief summary of these substances includes chrome residue, chrome powder, alum, solvents, asbestos, and acids. From circa 1940 until 1963, effluent tanning process water was released directly to the Hoosic River. Between 1963 and 1988, a series of five lagoons were constructed and utilized in the northwest end of the property to allow the settling of solids from the wastewater sludges before ultimate discharge to the Hoosic River. Treatment of effluent tanning process water consisted of screening the wastewater, settling of suspended solids, chemical coagulation and settling of additional suspended solids in the clarifier, biological oxidation of dissolved materials, algae stabilization, and aerated polishing. The lagoons stopped receiving treated effluent wastewater when the company ceased production circa 1988. The sludge landfill was established on a parcel southeast of the Pownal Tanning Company in 1982. The sludge landfill is located adjacent to wetlands along the southern bank of the Hoosic River, upstream of the Pownal Tanning Company. The sludge landfill is approximately 400 feet long and varies from 80 to 200 feet wide. It consists of three separate cells, constructed from 1982 to 1990, which are underlain by a Hypalon liner. The three cells received sludge from the clarifier filter press and sludge removed from Lagoons 2 and 4. Cells 1 and 2 were capped with silty sand in 1983 and 1987, respectively; Cell 3 was partially capped circa 1990. The open area of Cell 3 has ponded leachate and rainwater above the liner. Based on observations and containment volume calculations by the VTDEC, there is a strong possibility that the integrity of the sludge landfill liner has been compromised. Hydrogeologic investigations were performed at the property in 1988. A Preliminary Assessment of the property was performed by an EPA contractor on March 31, 1987. A Screening Site Inspection was performed by the contractor on December 21, 1989. A Site Inspection Prioritization was completed in December 1993. A Remedial Investigation Summary Report was completed in March 1997. Investigations at the property included the collection of surface water, lagoon water, sludge landfill leachate, sludge landfill and lagoon sludge, and soil samples from the property. The results of

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POWNAL TANNERY (Continued)

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this work indicate that hazardous substances have been released to surface water from the on-site lagoons. Substances detected in sources on the property include solvents, preservative chemicals associated with the tanning industry, polychlorinated biphenyls (PCBs), inorganic elements, and dioxins. The population residing within four radial miles of the potential source areas on the Pownal Tannery property obtain drinking water primarily from private drinking water wells. No drinking water intakes have been identified along the 15-mile surface water pathway. Also along the surface water pathway, the Hoosic River, is a trout fishery, and there are numerous areas of wetlands along its banks downstream of the Pownal Tannery property. Status (January 1999): EPA is considering various alternatives for this site. The description of the site is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.

Site Status Details:

NPL Status: Final
Proposed Date: 09/29/1998
Final Date: 01/19/1999
Deleted Date: Not reported

Narratives Details:

NPL Name: POWNAL TANNERY
City: POWNAL
State: VT

CERCLIS:

Site ID: 0101463
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: LISA DANEK-BURKE
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Leslie McVickar
Contact Tel: (617) 918-1374
Contact Title: Remedial Project Manager (RPM)

Contact Name: Nancy Smith
Contact Tel: (617) 918-1436
Contact Title: Site Assessment Manager (SAM)

Contact Name: Sarah White
Contact Tel: (617) 918-1026
Contact Title: Community Involvement Coordinator

CERCLIS Site Alias Name(s):

Alias Name: POWNAL TANNERY
Alias Address: RTE 346
POWNAL, VT 05261
Alias Name: POWNAL TANNERY

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Alias Address: ROUTE 346
POWNAL, VT 05261

Site Description: The Pownal Tannery Superfund Site consists of a 28 acre set of parcels located between Route 346 and the Hoosic River in the Village of North Pownal, Vermont which is in the south-western corner of the State. The site was a former hide tanning and finishing facility owned by the Pownal Tanning Company, Inc. The site has been inactive since 1988, when the company declared bankruptcy. The site originally consisted of three contamination sources: the former tannery building complex, a capped sludge landfill and a lagoon system. EPA, during a non-time critical removal that was completed in 2001 permanently capped the landfill and removed the building complex. Under a Memorandum of Agreement between EPA and the Vermont Department of Environmental Protection (VT DEP), the State of Vermont is operating and maintaining the landfill. The area surrounding the site is a rural and residential community with approximately 3,500 residents, with the nearest residences being approximately 200 feet from the lagoons. These residences rely upon ground water from private wells for their water supply. Currently, the lagoon area is fenced and locked, but is regularly broken into by the neighboring population to use it for recreational purposes. The lagoon complex is partially covered with soil, over which disturbed wetlands vegetation occurs (although the area is not a federal jurisdictional wetland). Three of the five lagoons on its western side borders the Hoosic River, which is also used for recreational purposes during the warm months (VT Water Quality Standards, Class B for high quality habitat). On the Site's eastern border there is an access road to Route 346 which is adjacent to train tracks owned and currently operated by the Guilford Transportation Rail Company. To the south of the lagoon complex is the former tannery building parcel and an empty warehouse. On the former tannery building parcel, there remains a dam and a hydro-electric facility that was built in 1955 for use by the tannery. The remaining area (except the tannery's landfill) was removed of all contamination to CERCLA residential standards, re-graded and seeded and is awaiting future reuse plans to be developed. The former tannery was built in 1866 as the North Pownal Manufacturing Company, and was owned by A.C. Houghton and Co. The Site was originally used to make cotton print cloth. The mill manufactured an estimated five million yards of cotton goods per year. In 1935, the cotton mill was converted to a tannery. The operation consists of hide cleaning (beaming) using a variety of chemicals (pesticides, solvents), hydrochemical stabilization of the purified leather (tanning) using trivalent chromium, dyeing and lubrication of the tanned leather, followed by pasting and finishing of the leather into a variety of textures and thicknesses for commercial sale. From approximately 1937 until 1962, untreated tanning process wastewater was directly discharged into the Hoosic River. A lagoon system comprising six lagoons, was constructed in several stages between 1962 and 1971 to receive the tannery's wastewater. The lagoon system was operated until 1988. In 1982, a state permitted lined landfill was constructed on site which received sludge dredged from a portion of the lagoons. The tannery landfill is situated on a parcel of land across from the Hoosic River and southwest of the tannery building complex. In 1987, two-thirds of the landfill was covered and closed. The remaining portion remained uncovered. Current groundwater sampling data indicates that federal safe drinking water standards are not being exceeded. The tanning of hides required use of a variety of chemicals to remove animal tissues and fats, and to prepare the hides for tanning, coloring, and finishing. Chemicals used included lime, acids, ammonium salts, sulfuric acid, mineral tannin (trivalent chromium), dyes, pigments, solvents, acrylics, butadiene, polyurethanes, resins, waxes, and lacquers. In addition, pentachlorophenol, which contains dioxins, was used as a biocide to treat the hides. From approximately 1937 until 1962, untreated tanning wastewater was discharged directly to the Hoosic River. Various attempts at wastewater

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treatment were employed from 1962 through 1988 - including the use of the series of lagoons currently on the site. All of the affected properties are situated within two town zoning districts: the "Village Residential" district and the "Rural Residential" district. The purpose of both the Village Residential and Rural Residential districts is to preserve the natural rural and scenic qualities of the Town, allowing residential and agricultural uses of property as well as some non-residential uses. Non-residential uses are permitted as long as they do not create certain nuisance conditions (noise, dust, vibration, glare heat, odor or smoke). Allowable uses include, but are not limited to, multiple family dwellings, recreation, construction or contracting businesses, manufacturing, research, auto repair and animal boarding. Any non-residential or non-agricultural use is subject to the conditions that are specified in the Town Zoning Bylaws (April 1, 1991, amended February 23, 1995). There are several residences that border the property occupied by the Pownal Tannery and there are a few commercial businesses that abut the property. The nearest residence is approximately 75 feet from the site and a recently vacated retail store is located approximately 40 feet from the site boundary. Within a mile radius from the site, approximately 275 people are served by private drinking water wells completed in either the overburden or bedrock. Currently, the on-site warehouse is available for private lease, but is vacant. It is anticipated that the Town of Pownal is going to take title to this property, as well as the lagoon area and the former building area. The park located on the site of the former Tannery building was created as a result of EPA's 2001 removal effort, and is open for use by the community. This property is currently deeded to the former Pownal Tannery Company, to be acquired by the Town of Pownal in the future. It is an un-enhanced four to one graded grassy space that slopes down to a fence overlooking the Hoosic River dam. The area is currently used for picnicking and fishing. A portion of this parcel is listed on the Vermont Register of Historic Places (SR No. 0208-8), as is the adjacent general store (now closed), and the steel truss bridge that spans the Hoosic River (now closed). These areas, as well as 16 off-site residences located east of Route 346, are designated as the North Pownal Mill Historic District. To satisfy historic protection standards requiring documentation before the removal of historic structures, EPA situated a plaque at the park to memorialize the former mill building and tannery's history. Additionally, localized trees and shrubs were planted at this location. Access to the lagoons on the site is posted, prohibited, gated and fenced. There are dirt access roads running around the fenced and unfenced lagoons, which are regularly used by the public for walking, hunting, and for running off-road vehicles, snow mobiles, etc. Currently, a number of residential homes are tied to a sewer pipe which discharges just off of the access road to the lagoons and dumps directly into the Hoosic River. The town is under a State order to design and build a waste water treatment plant to alleviate the Town's sewer issues. The Town's current design for this system has the facility located over the area of lagoon two and a portion of lagoon one. In February 2001, the Town and their contractor, Forcier and Aldrich and Associates, completed a Site Reuse Assessment, utilizing EPA grant money provided through the Superfund program (one of the first ten pilot sites in the Region to be issued one). The Town of Pownal worked closely with EPA, the State, and the community to conclude that the lagoon area, once the remediation is completed, should potentially be used for a variety of purposes including: walking trails, seasonal skating rink, warming hut with public restrooms, soccer field, equipment storage shed, canoe/kayak launch area, water, sewer, and electrical utilities. EPA utilized the potential future reuse decisions to develop exposure assumptions for the Human Health Risk Assessment. The town is substantially funded from the federal government to build their waste water treatment system on a schedule to coincide with EPA's planned cleanup schedule.

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During EPA's pre-design phase of the development of the Feasibility Study, EPA worked very closely with Town officials, the State, the community and the Site Reuse Steering Committee to ensure that they had the information necessary to complete the Reuse Assessment. Multiple public outreach meetings, and mailings were provided to the community to maximize input into their effort to develop reasonable alternatives for reuse at the site. EPA utilized the Town of Pownal's proposed design plans for the treatment plant to aid in the cap configuration developed for the alternatives which included leaving waste in place at the lagoons. The current location of EPA's selected remedy accommodates the Town's current treatment plant design. This remedy will alleviate all direct contact and ingestion risk to the consolidated waste left in place and will aid the Town in their efforts to eliminate the discharge of Town sewage into the Hoosic River. This remedy will also potentially increase the future positive use of the former lagoons to the residents of Pownal. A Record of Decision (ROD) addressing operable unit 1 (OU1) that encompasses remaining source areas on the property was completed on September 30, 2002.

OU 1: In October of 2005, a significant flood event altered a portion of the former facility's earthen berm that is located between the newly constructed Lagoon Area Landfill and the Hoosic River. While this flooding event did not damage the Landfill, it damaged the surrounding access road to the Landfill. The effects of the berm breach were likely exacerbated by the presence of a large soil stockpile in the engineered flood conveyance area. This stockpile was created without the knowledge of EPA or the Vermont Department of Environmental Conservation (VT DEC) by the contractor building a town waste water treatment facility on-site. The Town of Pownal removed the stockpile and repaired the access road. It was determined by EPA and the VT DEC that the section of the berm that eroded did not alter the protectiveness of the remedy and should not be repaired. Furthermore, the breaching of the berm did not impair flood storage capacity or the protection of the Lagoon Area Landfill from future storm events. EPA and the VT DEC acknowledged that a portion of the remaining berm, not affected by the 2005 flood, has a small volume of waste under the berm that could not be addressed by the remediation and therefore requires that the limited section of the berm be maintained and that institutional controls be established to limit future disturbance/excavation in that area (e.g., deed restrictions). An Explanation of Significant Differences (ESD) addressing OU 1 was completed in September 2007.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	03/14/86
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	01/01/87
Date Completed:	03/31/87
Priority Level:	Higher priority for further assessment
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	12/21/89
Priority Level:	Higher priority for further assessment
Action:	Public Notice Published
Date Started:	Not reported
Date Completed:	04/08/93
Priority Level:	Not reported

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Action:	HEALTH ASSESSMENT
Date Started:	06/16/93
Date Completed:	09/28/93
Priority Level:	Not reported
Action:	REMOVAL
Date Started:	04/12/93
Date Completed:	05/18/94
Priority Level:	Cleaned up
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	08/05/94
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	Not reported
Date Completed:	05/13/97
Priority Level:	Not reported
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/29/98
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	01/19/99
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	09/04/96
Date Completed:	03/22/99
Priority Level:	Not reported
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	Not reported
Date Completed:	08/25/99
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE
Date Started:	01/12/99
Date Completed:	06/19/01
Priority Level:	Not reported
Action:	REMOVAL
Date Started:	05/14/99
Date Completed:	06/19/01
Priority Level:	Cleaned up
Action:	FORWARD PLANNING ACTIVITY/MANAGEMENT ASSISTANCE
Date Started:	09/30/99
Date Completed:	05/31/02
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported

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Date Completed:	05/31/02
Priority Level:	Unknown
Action:	COMFORT/STATUS LETTER
Date Started:	Not reported
Date Completed:	06/27/02
Priority Level:	Not reported
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	02/25/99
Date Completed:	09/30/02
Priority Level:	Not reported
Action:	ADMINISTRATIVE RECORDS
Date Started:	Not reported
Date Completed:	09/30/02
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	09/30/02
Priority Level:	Final Remedy Selected at Site
Action:	REMEDIAL DESIGN
Date Started:	09/27/02
Date Completed:	07/10/03
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/30/04
Priority Level:	Not reported
Action:	REMEDIAL ACTION
Date Started:	07/22/03
Date Completed:	09/30/05
Priority Level:	Final RA Report
Action:	COMMUNITY INVOLVEMENT
Date Started:	05/02/06
Date Completed:	09/30/06
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	09/28/07
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	04/06/09
Date Completed:	09/30/09
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	09/30/05
Date Completed:	Not reported
Priority Level:	Not reported

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RCRA-SQG:

Date form received by agency: 03/03/2008
Facility name: VT PRECISION WOODWORKS
Facility address: 249 PROFESSIONAL DR
MORRISVILLE
MORRISTOWN, VT 05661
EPA ID: VTD069910354
Mailing address: PROFESSIONAL DR
MORRISVILLE, VT 05661
Contact: KENNETH A MASON
Contact address: PROFESSIONAL DR
MORRISVILLE, VT 05661
Contact country: US
Contact telephone: (802) 888-7974
Contact email: Not reported
EPA Region: 01
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MJ WOOD PRODUCTS
Owner/operator address: RR 1 BOX 930
MORRISVILLE, VT 05661
Owner/operator country: Not reported
Owner/operator telephone: (802) 888-7974
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MJ WOOD PRODUCTS
Owner/operator address: RR 1 BOX 930
MORRISVILLE, VT 05661
Owner/operator country: Not reported
Owner/operator telephone: (802) 888-7974
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No

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User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/29/2004
Facility name: VT PRECISION WOODWORKS
Classification: Small Quantity Generator

Date form received by agency: 07/21/1988
Facility name: VT PRECISION WOODWORKS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: VT02
Waste name: Waste containing greater than 5% by weight petroleum distillates with melting points of less than 100 degrees F, including but not limited to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

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LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: VT02

Waste name: Waste containing greater than 5% by weight petroleum distillates with melting points of less than 100 degrees F, including but not limited to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/13/2008
Date achieved compliance: 08/01/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/16/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/13/2008
Date achieved compliance: 08/01/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/16/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNAL TANNERY (Continued)

1000421511

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/13/2008
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/01/2008
Evaluation lead agency: State

Evaluation date: 03/13/2008
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 08/01/2008
Evaluation lead agency: State

Evaluation date: 05/27/1998
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: VTD069910354
Site ID: 0101463
Name: POWNAL TANNERY
Address: ROUTE 346
POWNAL, VT 05261

EPA Region: 01
County: BENNINGTON
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Sludge
Engineering Control: Cap

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Operable Unit: 01
Contaminated Media : Sludge
Engineering Control: Consolidate

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Sludge
Engineering Control: Dewatering

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Sludge
Engineering Control: Impermeable Barrier

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Sludge
Engineering Control: Operations & Maintenance (O&M)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Consolidate

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Dewatering

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 9/30/2002
Planned Complet. date: 9/30/2002
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNAL TANNERY (Continued)

1000421511

Contaminated Media : Soil
Engineering Control: Excavation

US INST CONTROL:

EPA ID: VTD069910354
Site ID: 0101463
Name: POWNAL TANNERY
Action Name: Explanation Of Significant Differences
Address: ROUTE 346
POWNAL, VT 05261

EPA Region: 01
County: BENNINGTON
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Comple. Date: 9/28/2007
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: VTD069910354
Site ID: 0101463
Name: POWNAL TANNERY
Action Name: Explanation Of Significant Differences
Address: ROUTE 346
POWNAL, VT 05261

EPA Region: 01
County: BENNINGTON
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: Not reported
Comple. Date: 9/28/2007
Operable Unit: 01
Contaminated Media : Groundwater

EPA ID: VTD069910354
Site ID: 0101463
Name: POWNAL TANNERY
Action Name: Explanation Of Significant Differences
Address: ROUTE 346
POWNAL, VT 05261

EPA Region: 01
County: BENNINGTON
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Comple. Date: 9/28/2007
Operable Unit: 01
Contaminated Media : Soil

EPA ID: VTD069910354
Site ID: 0101463
Name: POWNAL TANNERY
Action Name: RECORD OF DECISION
Address: ROUTE 346
POWNAL, VT 05261
EPA Region: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

County: BENNINGTON
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: Not reported
Comple. Date: 9/30/2002
Operable Unit: 01
Contaminated Media : Groundwater

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110008206066

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

VT MANIFEST:

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: Not reported
Unit: Not reported
Waste: Not reported
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: Not reported
Unit: Not reported
Waste: Not reported
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: Not reported
Unit: Not reported
Waste: Not reported
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 II
AdditionalDot: erg128

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Quantity: 230.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 II
AdditionalDot: erg128
Quantity: 230.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: 001626393JJK
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: Not reported
Unit: Not reported
Waste: Not reported
Date Shipped: 4/11/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/27/2007 0:00:00

Manifest ID: VT2187916
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS
AdditionalDot: Not reported
Quantity: 330.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 6/22/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 7/5/2006 0:00:00

Manifest ID: VT2188169
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: 0.00
Unit: P
Waste: Not reported
Date Shipped: 4/6/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/18/2006 0:00:00

Manifest ID: VT2187916
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: NOT SHIPPED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

AdditionalDot: Not reported
Quantity: 0.00
Unit: P
Waste: Not reported
Date Shipped: 6/22/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 7/5/2006 0:00:00

Manifest ID: VT2188169
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC

DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: 0.00
Unit: P
Waste: Not reported
Date Shipped: 4/6/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/18/2006 0:00:00

Manifest ID: VT2188169
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ

FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS
AdditionalDot: Not reported
Quantity: 345.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 4/6/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/18/2006 0:00:00

Manifest ID: VT2188169
EPAID: VTD069910354

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS
AdditionalDot: Not reported
Quantity: 345.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 4/6/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 4/18/2006 0:00:00

Manifest ID: VT2187916
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS
AdditionalDot: Not reported
Quantity: 330.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 6/22/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 7/5/2006 0:00:00

Manifest ID: 000692458SKS
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
AdditionalDot: Not reported
Quantity: 350.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 8/29/2008 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 9/8/2008 0:00:00

Manifest ID: 000692458SKS
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NJD071629976
T1 Name: S J TRANSPORTATION CO INC
Manifest Transporter City: WOODSTOWN
Manifest Transporter State: NJ
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS, INC.

DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
AdditionalDot: Not reported
Quantity: 350.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 8/29/2008 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 9/8/2008 0:00:00

Manifest ID: VT2187916
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC

DotDescrip: NOT SHIPPED
AdditionalDot: Not reported
Quantity: 0.00
Unit: P
Waste: Not reported
Date Shipped: 6/22/2006 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 7/5/2006 0:00:00

Manifest ID: 000226991SKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: WASTE PAINT 3 UN1263 PGII ERG128
AdditionalDot: Not reported
Quantity: 400.00
Unit: P
Waste: D001
Date Shipped: 10/5/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 10/17/2007 0:00:00

Manifest ID: 000226991SKS
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: OKD981588791
T1 Name: TRIAD TRANSPORT INC.
Manifest Transporter City: MCALESTER
Manifest Transporter State: OK
FACID: KYD053348108
Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: WASTE PAINT 3 UN1263 PGII ERG128
AdditionalDot: Not reported
Quantity: 400.00
Unit: P
Waste: D001
Date Shipped: 10/5/2007 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 10/17/2007 0:00:00

Manifest ID: 000543183SKS
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: NYD980769947
T1 Name: HAZMAT ENVIRONMENTAL GROUP INC
Manifest Transporter City: LACKAWANNA
Manifest Transporter State: NY
FACID: KYD053348108

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWNA TANNERY (Continued)

1000421511

Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
AdditionalDot: Not reported
Quantity: 357.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 1/2/2008 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 1/30/2008 0:00:00

Manifest ID: 000543183SKS
EPAID: VTD069910354
Mailing Name: MJ WOOD PRODUCTS INC
Mailing Address: 249 PROFESSIONAL DR
Mailing City,St,Zip: MORRISVILLE, VT 05661
Contact Phone: 8028887974
Contact Name: KENNETH A MASON
Trans1: TXR000050930
T1 Name: SAFETY-KLEEN SYSTEMS INC
Manifest Transporter City: PLANO
Manifest Transporter State: TX
FACID: KYD053348108

Facility Name: SAFETY-KLEEN SYSTEMS INC
DotDescrip: RQ WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
AdditionalDot: Not reported
Quantity: 357.00
Unit: P
Waste: D001;D007;D035;F003;F005
Date Shipped: 1/2/2008 0:00:00
Facility City: SMITHFIELD
Facility State: KY
Fac Date: 1/30/2008 0:00:00

[Click this hyperlink](#) while viewing on your computer to access additional VT MANIFEST: detail in the EDR Site Report.

41
NNE
1/2-1
0.774 mi.
4086 ft.

H A MANOSH
120 NORTHGATE PLAZA
MORRISTOWN, VT

SHWS **S105121364**
LUST **N/A**

Relative:
Higher

SHWS:
Facility ID: 982431
Flag: CLOSED
Priority: Site Management Activity Completed
Staff: Gerold Noyes
Contact: Vermont Asbestos Group Mine
Owner Address: R F D 1, Box 690
Owner City,St,Zip: Morisville, VT 05661
Discovery Date: 4/29/1998 0:00:00
Closure Date: 1/30/2006 0:00:00
Project Status: UST removed. Contam found. Investigation completed. Limited soil contamination at UST & pump island. GW not present. SMAC
Source: UST-Diesel
Source: Waste Oil

Actual:
698 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H A MANOSH (Continued)

S105121364

LUST:

Facility ID: 982431
Discovery Date: 4/29/1998 0:00:00
Closure Date: 1/30/2006 0:00:00
Flag: **CLOSED**
Priority: Site Management Activity Completed
Staff: Gerold Noyes
Owner: Vermont Asbestos Group Mine
Owner Address: R F D 1, Box 690
Owner City,St,Zip: Morisville, VT 05661
Project Status: UST removed. Contam found. Investigation completed. Limited soil contamination at UST & pump island. GW not present. SMAC
Source: UST-Diesel

Source: Waste Oil

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MORRISTOWN	1000112442	NYNEX	PLEASANT ST	05661	FINDS,RCRA-NLR
MORRISVILLE	1000156139	DECART	LAMOILLE INDUSTRIAL PARK	05661	CERCLIS-NFRAP,FINDS,RCRA-NLR
MORRISTOWN	1000342252	H A MANOSH CORP	HYDE PARK RD	05661	FINDS,RCRA-CESQG
MORRISTOWN	1000583014	MORRISTOWN ELEMENTARY SCHOOL	ROUTE 15A	05661	UST
MORRISVILLE	1001091974	BRYSTIE INC	LAMOILLE INDUSTRIAL PARK	05661	FINDS,RCRA-NLR
MORRISVILLE	1001230158	CONCEPT 2	INDUSTRIAL PARK RR1 BOX 1100	05661	FINDS,RCRA-CESQG
MORRISVILLE	1004792287	R L VALLEE MORRISVILLE MOBIL	RTS 15 & 100	05661	FINDS,RCRA-CESQG
MORRISTOWN	1004792462	SWEET & BURT OFFICE & WAREHOUSE	RTE 100 NORTH	05661	FINDS,RCRA-CESQG
MORRISTOWN	1004792470	BILLS BODYWORKS	WASHINGTON HWY	05661	FINDS,RCRA-CESQG
MORRISTOWN	1004792663	ALLEN SHERMAN V INC DBA MACKS	RTES 15 / 100	05661	FINDS,MANIFEST,RCRA-CESQG
MORRISTOWN	S103452144	S AND B PITT STOP	ROUTE 15		LUST
MORRISTOWN	S106133683	BOURNES SERVICE CENTER	BRIDGE ST - ROUTE 100		LUST
MORRISTOWN	S106620993	P J'S MARKET	ROUTE 100		LUST
MORRISTOWN	S106621138	R L VALLEE MOBIL	ROUTE 15		HWS
MORRISTOWN	S108762289	BOURNE'S BULK PLANT	ROUTE 100		LAST
MORRISVILLE	S109792373	MCPMAHON CHEVROLET, BUICK	JUNCTION ROUTE 100 / 15	05661	MANIFEST
MORRISVILLE	S109792377	MCPMAHON CHEVROLET	JCT RTE 100 / 15	05661	MANIFEST
MORRISVILLE	S109792610	DISTRICT 6 HIGHWAY GARAGE	RTE VT 100	05661	MANIFEST
MORRISVILLE	S109792678	GETTY STATION	ROUTE 100	00000	MANIFEST
MORRISVILLE	S109793187	MORRISVILLE MOBIL	ROUTE 15 / 100		MANIFEST
MORRISTOWN	S110051306	VT AGENCY OF TRANSPORTATION	ROUTE 100	05661	MANIFEST
MORRISTOWN	U000908223	MORRISVILLE ARMORY	WASHINGTON HIGHWAY	05661	UST
MORRISTOWN	U003515846	GETTY STATION #40, AMES PLAZA	ROUTE 100 AND 15	05661	UST
MORRISTOWN	U003517341	AMES PLAZA	ROUTE 100 AND ROUTE 14		UST
MORRISTOWN	U003545310	MANOSH CAR WASH	ROUTE 100	05661	UST
MORRISTOWN	U003545722	H A MANOSH CORP	ROUTE 100	05661	UST
MORRISTOWN	U003545763	BOURNE'S INC. OF MORRISVILLE	ROUTE 100 SOUTH		UST
MORRISTOWN	U003545774	RIVERVIEW GARAGE	ROUTE 15		UST
MORRISTOWN	U004131580	STOWE ROAD MARKET-IRVING	621 JERSEY HEIGHTS (ROUTE 100)	05661	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/16/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/29/2010
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/01/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/01/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 07/09/2010	Telephone: 202-267-2180
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 10/06/2010
Number of Days to Update: 39	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/17/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/28/2010	Telephone: 802-241-3443
Date Made Active in Reports: 10/20/2010	Last EDR Contact: 08/30/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Landfills and Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/24/2010
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3444
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Sites Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. Source Type: Underground Storage Tank.

Date of Government Version: 09/17/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 802-241-3888
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

LAST: Sites Database

Leaking aboveground storage tank site locations included in the Sites database.

Date of Government Version: 09/17/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/30/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2010	Telephone: 415-972-3372
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010	Source: EPA Region 4
Date Data Arrived at EDR: 08/30/2010	Telephone: 404-562-8677
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: State of Vermont Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/31/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/10/2010	Telephone: 802-241-3888
Date Made Active in Reports: 10/21/2010	Last EDR Contact: 08/16/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/29/2010
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of facilities with aboveground storage tanks.

Date of Government Version: 12/31/2009	Source: Department of Public Safety
Date Data Arrived at EDR: 05/11/2010	Telephone: 802-244-8721
Date Made Active in Reports: 06/18/2010	Last EDR Contact: 08/09/2010
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/22/2010
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010	Source: EPA Region 5
Date Data Arrived at EDR: 02/11/2010	Telephone: 312-886-6136
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/02/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 08/11/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010	Source: EPA Region 8
Date Data Arrived at EDR: 05/27/2010	Telephone: 303-312-6137
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/30/2010	Source: EPA Region 9
Date Data Arrived at EDR: 08/30/2010	Telephone: 415-972-3368
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/03/2010	Source: EPA Region 6
Date Data Arrived at EDR: 08/04/2010	Telephone: 214-665-7591
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010	Source: EPA Region 4
Date Data Arrived at EDR: 08/30/2010	Telephone: 404-562-9424
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/19/2010
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/01/2010
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

A listing of Active and Closed sites with institutional controls in place

Date of Government Version: 09/17/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/28/2010	Telephone: 802-241-3443
Date Made Active in Reports: 10/20/2010	Last EDR Contact: 08/30/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

INST CONTROL: Institutional Control Sites Listing

Active and Closed Sites with institutional controls in place.

Date of Government Version: 09/17/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/28/2010	Telephone: 802-241-3443
Date Made Active in Reports: 10/20/2010	Last EDR Contact: 08/30/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 10/04/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Brownfields Site List

A listing of sites in the Brownfields program.

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 09/02/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 802-241-3888
Last EDR Contact: 09/02/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/29/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/18/2010	Telephone: 202-307-1000
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 09/17/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/11/2010	Telephone: 202-564-6023
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 08/02/2010
Number of Days to Update: 90	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 09/08/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/06/2010
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/07/2010	Telephone: 202-366-4555
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 10/07/2010
Number of Days to Update: 50	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Sites Database

Hazardous materials spills included in the Sites database.

Date of Government Version: 09/17/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010	Source: EPA
Date Data Arrived at EDR: 06/16/2010	Telephone: 703-416-0223
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 09/15/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/14/2009	Source: Department of Energy
Date Data Arrived at EDR: 09/29/2010	Telephone: 505-845-0011
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 09/01/2010
Number of Days to Update: 5	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/09/2010	Telephone: 303-231-5959
Date Made Active in Reports: 08/30/2010	Last EDR Contact: 09/09/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-566-0250
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 09/01/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/01/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/30/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/30/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 08/16/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/15/2010
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2010	Telephone: 202-564-5088
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 09/27/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010	Source: EPA
Date Data Arrived at EDR: 04/22/2010	Telephone: 202-566-0500
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 07/30/2010
Number of Days to Update: 109	Next Scheduled EDR Contact: 11/01/2010
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 51	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/14/2010	Telephone: 202-343-9775
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 10/14/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (617) 918-1111
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of underground injection wells in the state.

Date of Government Version: 08/25/2010
Date Data Arrived at EDR: 08/27/2010
Date Made Active in Reports: 08/31/2010
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 802-241-3833
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2010
Date Data Arrived at EDR: 05/14/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facilities List

A listing of drycleaners that use perchloroethylene.

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/20/2010
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 802-241-3857
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Varies

NPDES: Inventory of NPDES Permits

A listing of NPDES permits.

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 08/10/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 802-241-2369
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

AIRS: Permitted AIRS Facility Listing

A listing of permitted AIRS facility locations.

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/19/2007
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 802-241-3840
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 42

Source: Department of Public Safety
Telephone: 802-244-8721
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 09/14/2009
Date Made Active in Reports: 09/30/2009
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 802-241-3868
Last EDR Contact: 10/12/2010
Next Scheduled EDR Contact: 01/11/2011
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/19/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Providers

Source: Social & Rehabilitation Services

Telephone: 802-241-2158

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Vermont Center for Geographic Information, Inc.

Telephone: 802-882-3000

STREET AND ADDRESS INFORMATION

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Appendix F

University of Vermont Historical and Archaeological Assessments

HISTORIC RESOURCES REVIEW FOR THE PROPOSED
MORRISVILLE A STREET BUILDINGS BROWNFIELDS PROJECT,
MORRISVILLE, LAMOILLE COUNTY, VERMONT



Prepared for
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Submitted by
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November 8, 2010

UVM CAP Report No. 629

INTRODUCTION

This historic resource review was conducted by the University of Vermont Consulting Archaeology Program (UVM CAP) in order to assist Morrisville Water & Light Department with compliance under Section 106 of the National Historic Preservation Act of 1966 and its amendments. The proposed project was reviewed according to standards set forth in 36 CFR, the regulations established by the Advisory Council on Historic Preservation to implement Section 106. Review consists of identifying and evaluating potential impacts to historic resources on or eligible for listing on the National Register of Historic Places that may be impacted by project work. Research for this report included a search of historic photograph and postcard collections, historic reference files and town histories, historic maps, and the National Register of Historic Places Nomination form. A site visit and visual inspection of the project area was conducted on October 26, 2010.

PROJECT DESCRIPTION

Morrisville Water & Light Department, through the engineering firm of Weston and Sampson, Inc., proposes the Morrisville A Street Buildings Brownfields Project, in Morrisville, Lamoille County, Vermont. The purpose of the Brownfields program is to help prepare Brownfield sites for redevelopment. As part of this preparation, Weston & Sampson are conducting a Phase I Environmental Site Assessment of the project. The phase I assessment is recommending that a Phase II Environmental Assessment be performed to address recognized environmental conditions. Included in recommendations for Phase II work is the supplemental testing of building materials for contaminants such as asbestos, lead-based paint, PCBs and mercury. The invasive nature of this sampling requires Section 106 review.

The project area is located at 36 and 56 A Street, along the north side of the street, at the western edge of the Village of Morrisville (Figures 1 and 2). It is bounded to the north and west by the Lamoille River and the Morrisville Water & Light Department power dam and impoundment. The project area lies within **Morrisville's** zoned Central Business District. The property contains two historic buildings: a former grist mill, the Safford Grist Mill, located directly on the Lamoille River at the power dam, and a former creamery/warehouse, the Safford Mills Warehouse, located immediately east of the grist mill (see Figures 1 and 2; Figures 3 – 9). Both buildings are listed on the National Register of Historic Places as contributing components to the Morrisville Historic District (Figure 10).

Although no definitive plans currently exist for the reuse of the buildings, possible future redevelopment of the property by a potential new owner includes rehabilitating the grist mill as a restaurant and renovating the creamery building as a general store and ice cream shop. A small park would possibly be developed around the buildings.



Figure 1. Image showing the project area and building locations along the north side of A Street, Morrisville, Vermont.

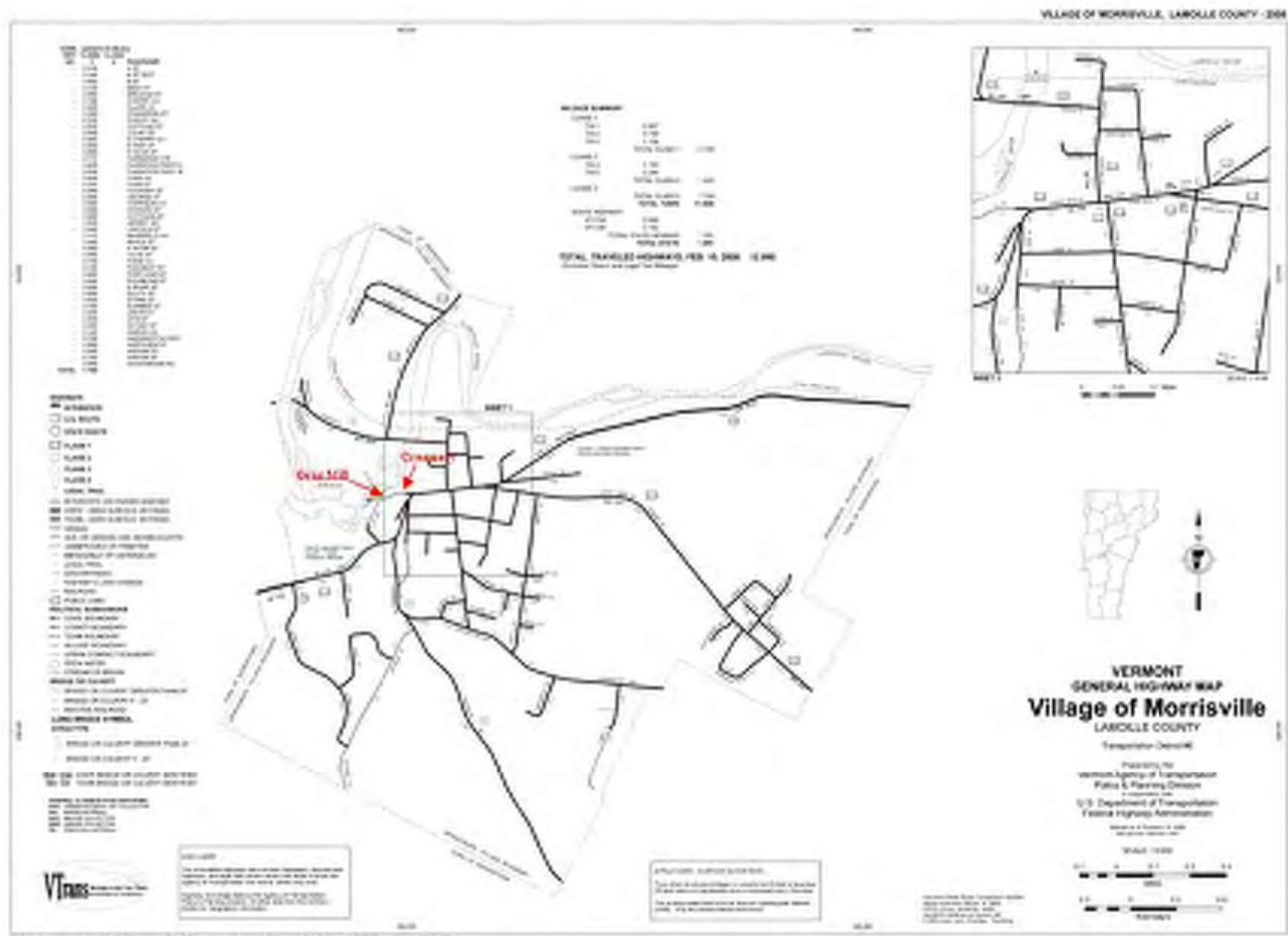


Figure 2. Map showing the location of project area buildings along the north side of A Street, Morrisville, Vermont.



Figure 3. View northeast of the grist mill (right) and creamery (left) buildings along the Lamoille River, in Morrisville, Vermont.



Figure 4. View northeast, up A Street, of the grist mill (left) and creamery (center) buildings, in Morrisville, Vermont.



Figure 5. View northeast of the grist mill with creamery in background, Morrisville, Vermont.



Figure 6. View north of the grist mill, Morrisville, Vermont.



Figure 7. View west of the creamery from A Street, with grist mill in background, Morrisville, Vermont.



Figure 8. View northwest of front façade of the creamery from A Street, Morrisville, Vermont.



Figure 9. View northeast of rear façade of creamery, Morrisville, Vermont.

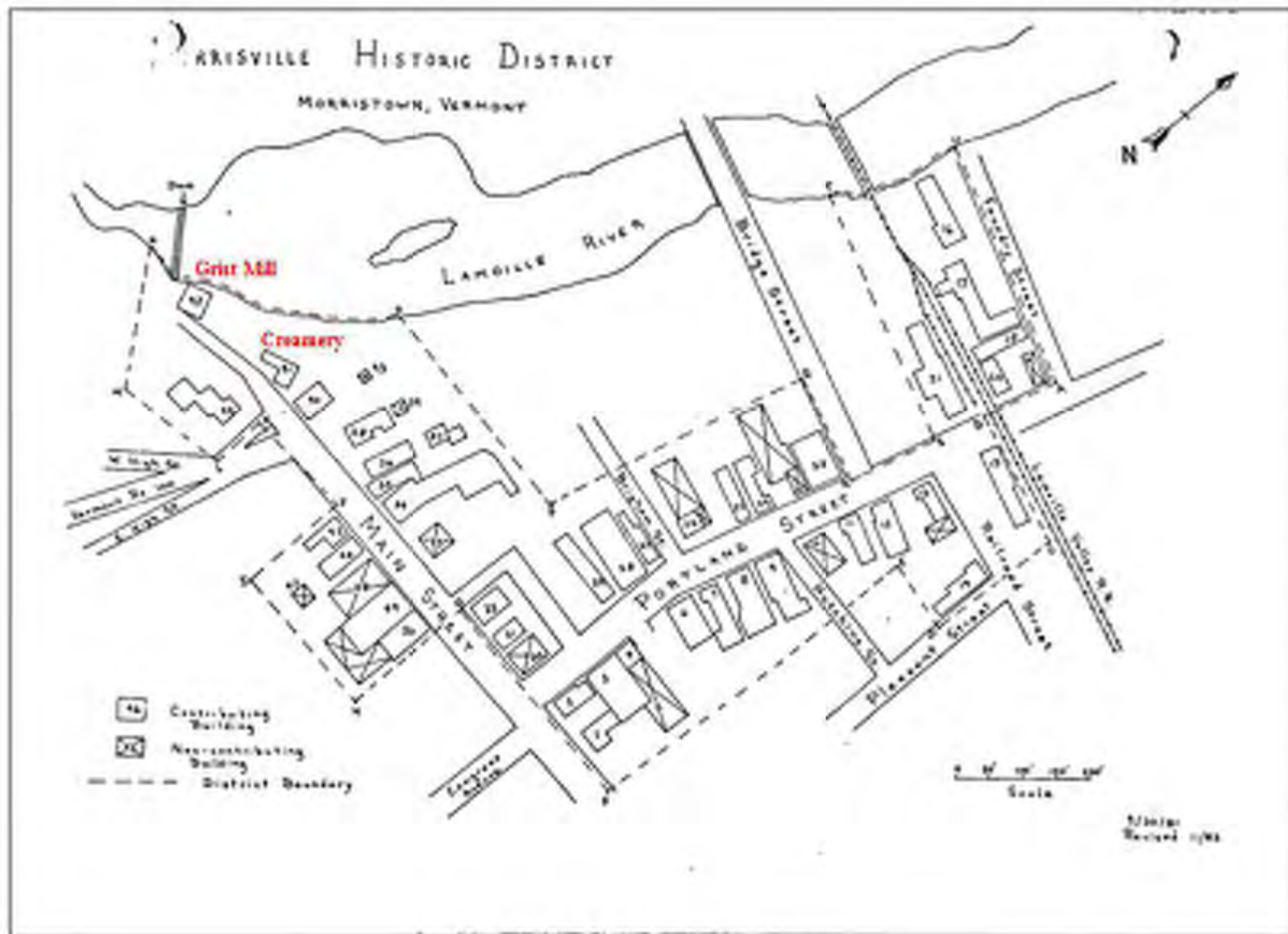


Figure 10. Map of the National Register listed Morrisville Historic District showing the location of the grist mill and creamery.

HISTORIC RESOURCES

Grist Mill

The Safford Grist Mill is a 2 ½ story Greek Revival style timber frame mill building with a steeply pitched metal gable roof, painted wood clapboard siding and poured concrete foundation. It stands directly on the riverbank and its foundation projects out over the dam and is attached to the dam. The building has large corner pilasters that support a full entablature with molded cornice and gable returns. The National Register Nomination form notes that the building was constructed ca. 1867 for J. Safford & Sons as a grist mill; however, **Walling's 1859** map also shows a grist mill at this general location so the building may date to a slightly earlier time period, or the original grist mill may have been replaced (Figure 11). The building is square in plan and has an eaves front orientation with 4-bay fenestration. The main entrance consists of paired wood paneled doors framed by pilasters supporting an entablature. A single wood paneled door sits about the main entrance doors at the second story. Windows, which are boarded over, consist of 6/6 double hung sash with molded window heads. Floor plans on the interior are primarily open; the first floor has some partition walls.

A building appears on historic maps at this location since 1859 (see Figure 11; Figures 12 – 19). The Safford family moved to Morrisville from Connecticut in 1796 and started the first saw mill at the falls in 1798 (Mower and Hagerman, 1982:71–72). The family started the first grist mill at the location in 1812 and continuously operated businesses at the complex until 1899 when they sold to H. A. Slayton (Mower and Hagerman, 1982:72). Sanborn maps indicate that the building is labeled as a grist mill (first as the Safford mill and then, starting in 1903, as the Slayton mill) up until **May 1922 when it is listed as “Village Elec. Power Ho.”** The 1928 Sanborn map still indicates a building at the location but it is not labeled. The river bank at this time appears to cut into the building, likely a result of the 1927 flood. Today the building stands primarily empty with the exception of some storage of a small amount of office related material.

Creamery

The building referred to today as the creamery is listed on the National Register **Nomination form as the “Safford Mills Warehouse.” The building’s construction date is listed as ca. 1867 and it is noted as being part of the Safford Mills complex. The building’s original** function is not known, but its location along the street and its position overlooking the dam and other buildings suggests that it may have served as the central receiving office/warehouse for the grist, saw and wood-turning mills that made up the complex.

The creamery is constructed in the Greek Revival style and exhibits a period box cornice, corner pilasters, gable returns, and symmetrical 6/6 sash with molded heads. It has a metal roof, field stone foundation and painted clapboard sheathing. The main entry door facing A Street is a plank door with a simple door surround with a molded head. Along A Street, the front façade of the building stands 1 ½ stories tall, while the rear of the building is 3 ½ stories tall, making the street level at the front façade the third floor of the building. A freight door is in place at the rear of the building on the second story. The National Register Nomination reports that a platform elevator inside the building allowed flour, lumber and other finished goods to be raised easily to the top of the bluff, avoiding the steep ascent of the road. A single story ell, which first appears on the 1922 Sanborn map, is attached to the west side of the building.



Figure 11. Detail from Walling's 1859 *Map of the Counties of Orleans, Lamoille, and Essex, Vermont*, showing buildings within the current project area.

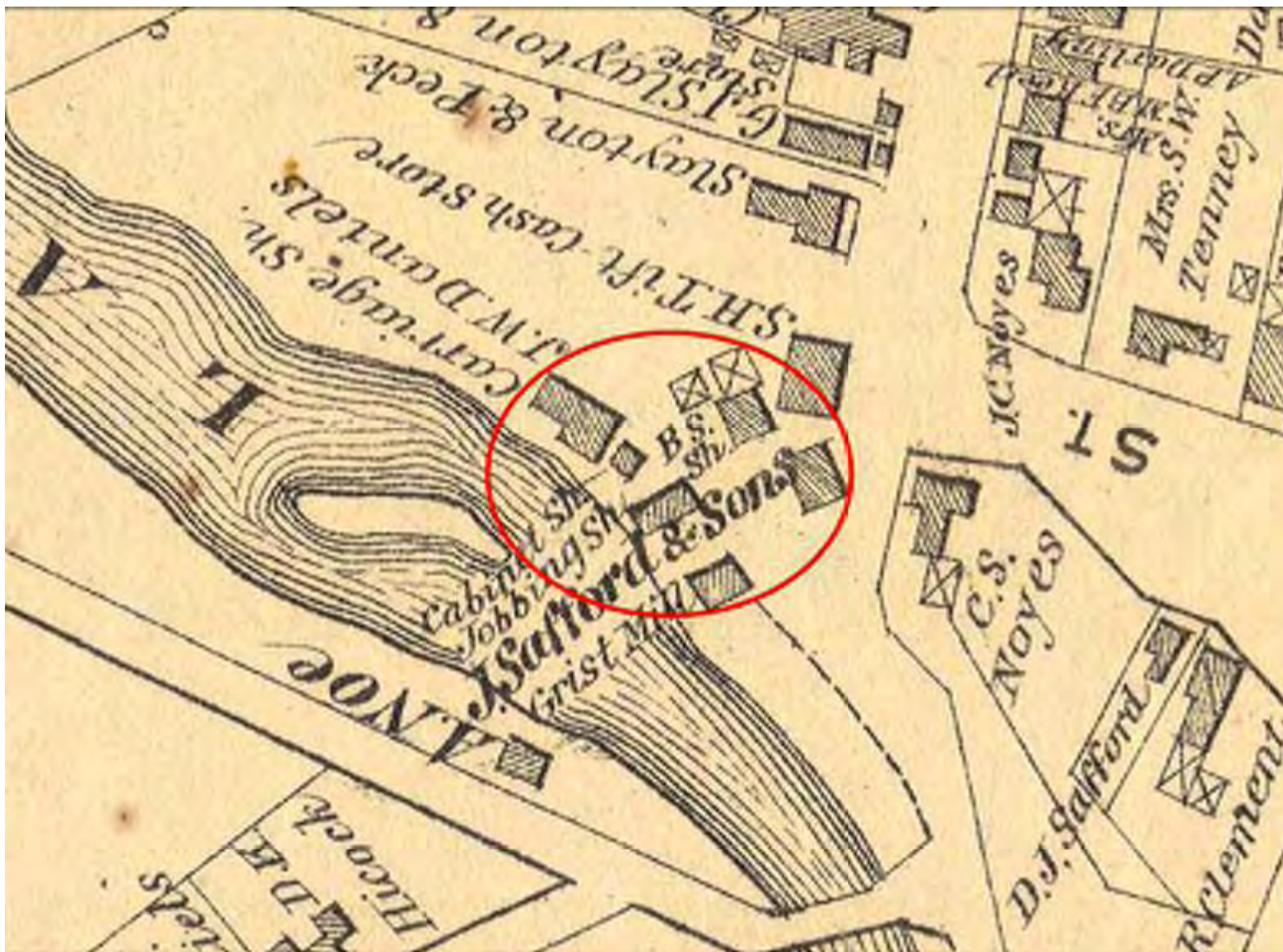


Figure 12. Detail from Beers' 1878 *Atlas of the Counties of Orleans, Lamoille, and Essex, Vermont*, showing buildings within the current project area.

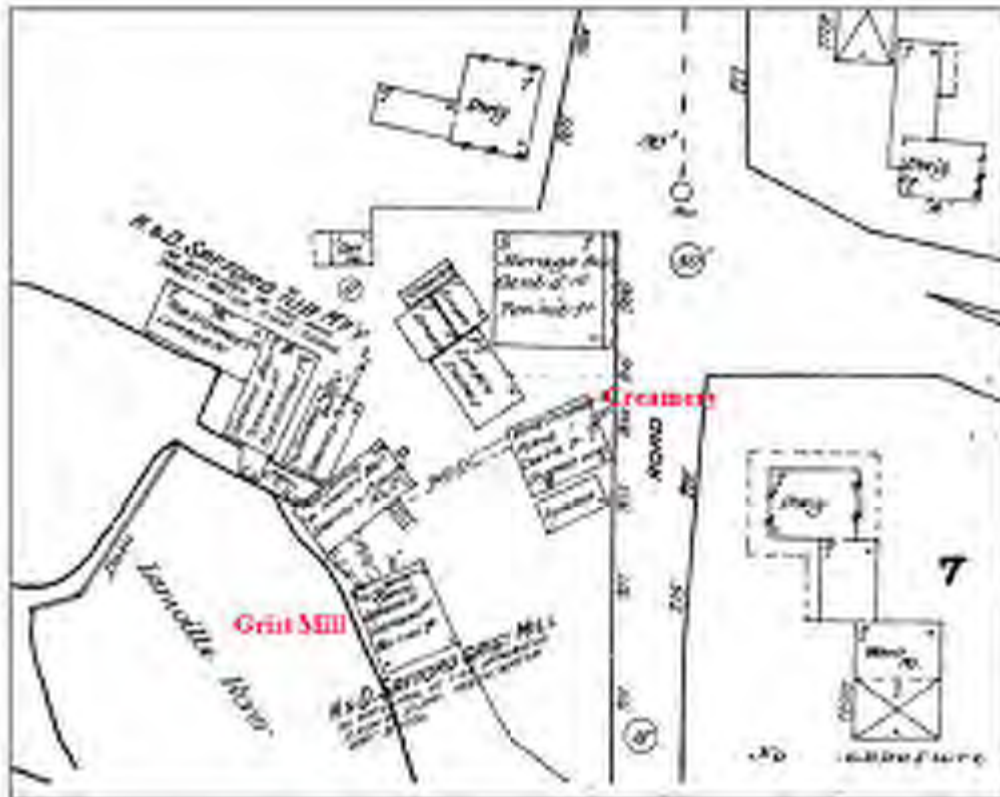


Figure 13. Sanborn map, July 1887, showing the location of the grist mill and creamery.

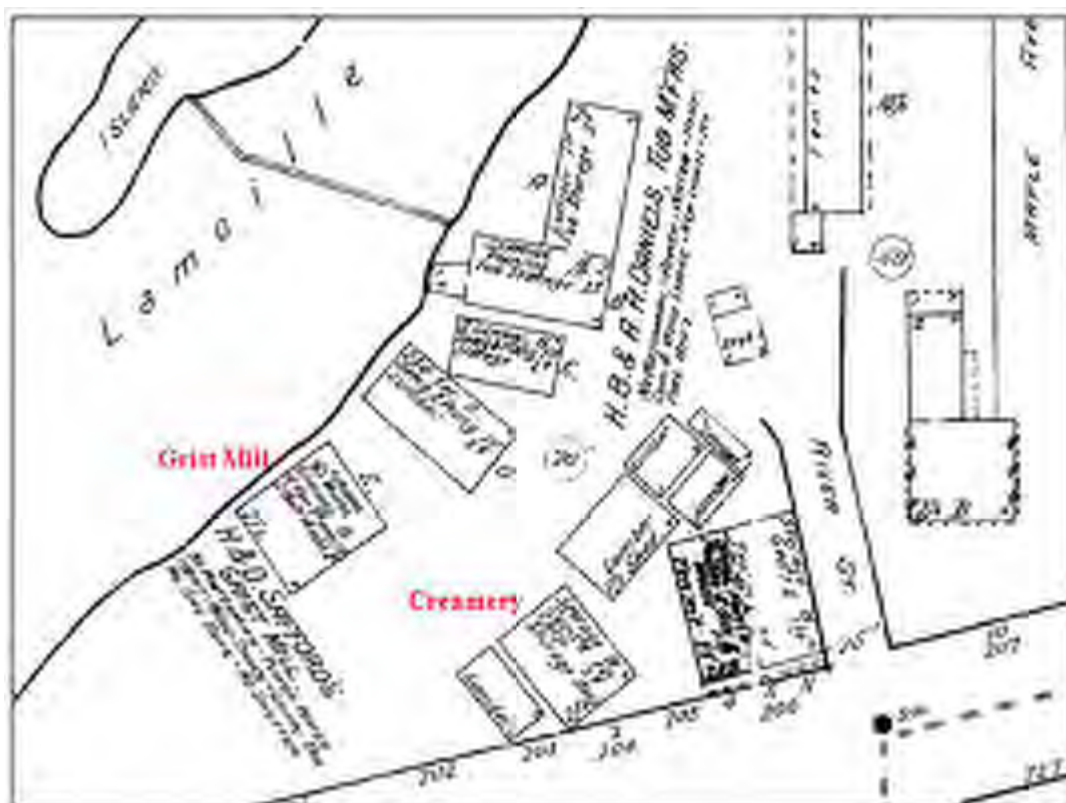


Figure 14. Sanborn map, July 1892, showing the location of the grist mill and creamery.

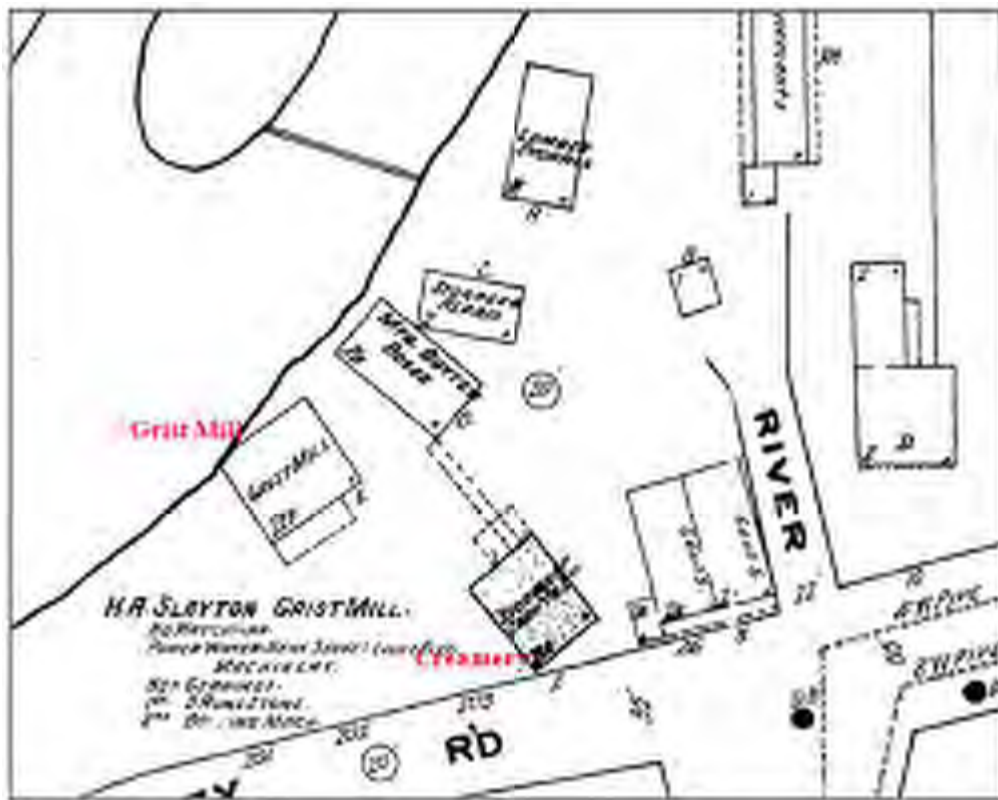


Figure 17. Sanborn map, October 1909, showing the location of the grist mill and creamery.

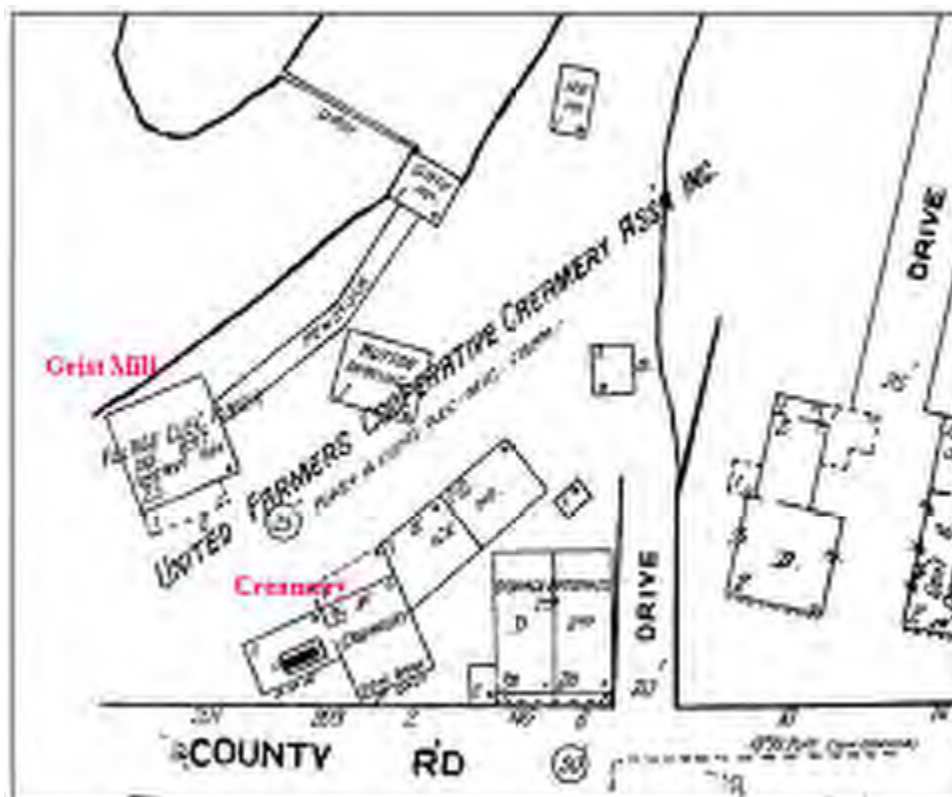


Figure 18. Sanborn map, May 1922, showing the location of the grist mill and creamery.

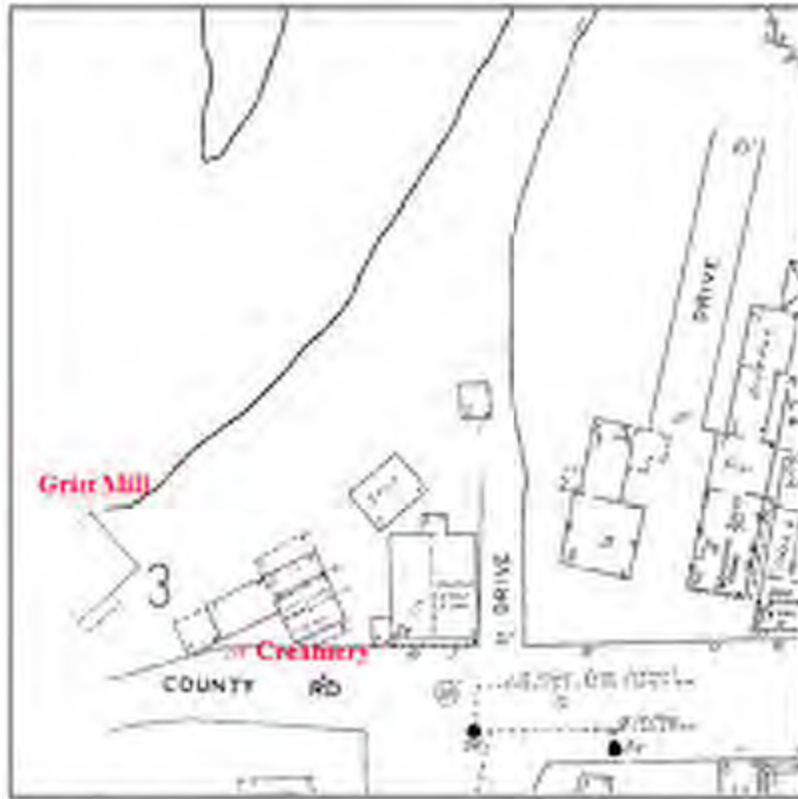


Figure 19. Sanborn map, November 1928, showing the location of the grist mill and creamery.

Interior floor plans in the creamery building are open. The ground level is accessed from the rear of the building; it is full height at the rear, river side of the building and transitions to a crawl space at the A Street, front side of the building. The second floor of the creamery is below grade along A Street, but above grade on all other sides of the structure. The third story of the creamery is the floor accessible from A Street and all walls of this level are above grade. Interior walls of the third floor are finished with horizontal, painted boards. The fourth floor is attic space. A brick chimney that slopes toward the east side of the building above the third floor runs through the building from the ground floor.

This building appears to first show up on the Beers Atlas of 1878 (see Figure 12). It is in place on historic Sanborn maps since that date; most often as a storage building (see Figures 13 – 19). The building seems to be first noted as a creamery “CMRY” on the 1909 Sanborn map, and is shown as “Creamery” on the 1922 map, when the property is labeled as “United Farmers Cooperative Creamery Assn. Inc” (see Figures 17 and 18). Today, a small portion of the building is used for storage by the Morrisville Water & Light Department, but it is otherwise empty.

STATEMENT OF SIGNIFICANCE

The National Register (NR) form for the Morrisville Historic District lists architecture and commerce as areas of significance. The District qualifies under National Register Criteria C: **“The property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.”** The NR form states:

The Morrisville Historic District is significant as the architecturally cohesive central business district of a prosperous 19th century Vermont village. It stands as testimony to the profound economic impact which the introduction of railroad **service had on Vermont’s hitherto mountain-bound towns during post-Civil War industrialization....Commercial trade of some kind has occurred within the** district since 1798, when Captain John Safford erected a sawmill and frame house at the deep gorge below the west end of Main Street. Safford and his descendents built and operated a series of mills there over the next century, including two Civil War era buildings which stand today (#41 and #42).

Both the grist mill and the creamery buildings retain their historic integrity. They retain qualities of location, design, setting, materials, workmanship, feeling and association and remain significant, contributing components to the Morrisville Historic District.

DETERMINATION OF EFFECT AND RECCOMENDATIONS

The Phase I Environmental Site Assessment is recommending that a Phase II Environmental Assessment be performed to address recognized environmental conditions at the property. Included in recommendations for Phase II work is the supplemental testing of building materials for contaminants such as asbestos, lead-based paint, PCBs and mercury. The potentially invasive nature of such testing may require some disturbance to each building; however, given the general open floor plans and largely unfinished surfaces in the grist mill and creamery, this testing can likely be achieved without adversely affecting the historic fabric of either building.

To minimize effects, whenever feasible, samples of building wood, plaster, mortar, paint or other material, should be as small as possible and taken from inconspicuous areas. Any more invasive testing that may be necessary should avoid disturbance to distinctive features or examples of craftsmanship that characterize the building such as pilasters, door and building entablatures, cornice boards and other historic trim. Any subsurface examination and testing should begin with the most accessible spaces, such as chases; loose or previously altered trim, ceilings or floor boards; and pieces of trim or hardware which can be easily removed and replaced. It is recommended that photographs record the before/existing condition if any historic character-defining fabric requires removal. If possible, if removed, original historic fabric should be put back, or labeled and saved. All testing should be carried out by an experienced professional.

As long as the recommendations noted above are met, Phase II Environmental Site Assessment sampling activities will likely not adversely impact the historic grist mill and creamery buildings located within the project area and for Section 106, the proposed project work would result in a *No Adverse Effect* on historic resources. Any redevelopment plans for the property would require further review.

RESOURCES

Beers, Frederick W.

- 1878 *Atlas of the Counties of Orleans, Lamoille, and Essex, Vermont.* F. W Beers, New York, New York.

McDonald, Travis C., Jr.

- 1994 *Preservation Brief 35: Understanding Old Buildings: The Process of Architectural Investigation.* United States Department of the Interior National Park Service, Technical Preservation Services, Washington D.C.

Mower, Anna L. and Robert L. Hagerman

- 1982 *Morristown Two Times.* Northlight Studio Press, Barre, Vermont.

Sanborn Mapping and Publishing Company

- 1887 *Morrisville, Vermont.* Sanborn Map & Publishing Company, New York.
1892 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.
1897 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.
1903 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.
1909 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.
1922 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.
1928 *Morrisville, Vermont.* Sanborn-Perris Map Company, Limited, New York.

United States Department of the Interior, National Park Service

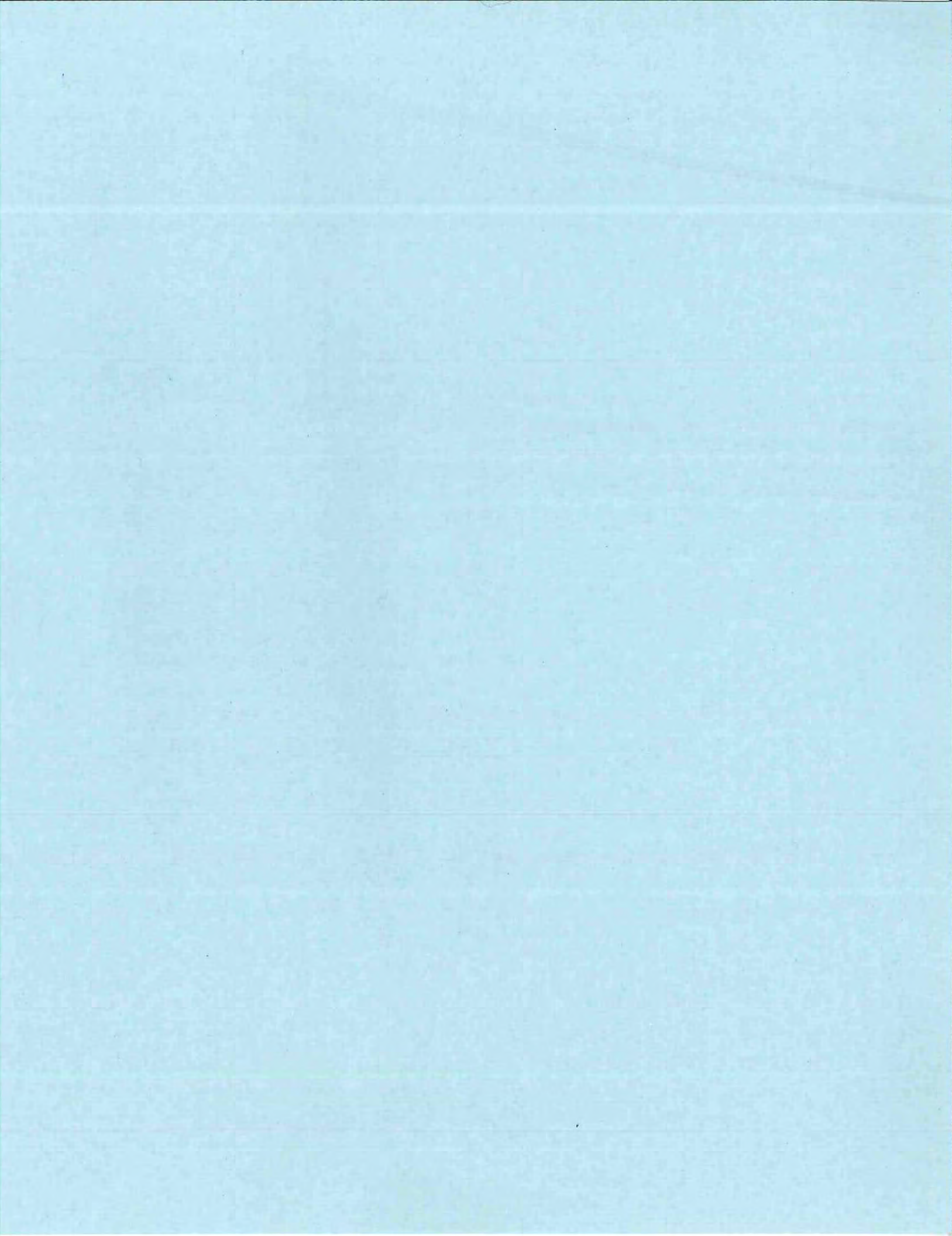
- 1983 *National Register of Historic Places Inventory-Nomination Form: Morrisville Historic District.* Washington, D.C.
1997 *National Register Bulletin: How to Complete the National Register Registration Form.* Washington, D.C.

Walling, H. F.

- 1859 *Map of the Counties of Orleans, Lamoille, and Essex, Vermont.* Baker, Tilden & Co., New York.

Weston & Sampson Engineers, Inc.

- 2006 *Phase I Environmental Site Assessment, A Street Buildings, Morrisville, Vermont.* Prepared for Morrisville Water & Light Department.





The
UNIVERSITY
of **VERMONT**

CONSULTING ARCHAEOLOGY PROGRAM

October 29, 2010

Kenneth J. Bisceglia, P.E., CHMM
Weston & Sampson
98 South Main Street, Suite 2
Waterbury, VT 05676

RE: Archaeological Resources Assessment for the proposed Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont

Dear Ken,

Attached, please find an Archaeological Resources Assessment for the proposed Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont.

A field inspection and background research determined that the proposed project area does not contain any archaeological sensitivity due to extensive historic disturbances, both natural and cultural. While the landform in its natural state would be highly archaeological sensitive, flooding, the construction of a force main through the center of the project parcel, and various historic period activities have heavily disturbed the landform. As a result, any proposed project will not disturb any potential archaeological resources. No additional archaeological work is recommended.

Please feel free to contact me if you have any questions.

Sincerely,

Charles Knight, Ph.D.
Assistant Director

cc: Scott Dillon - VDHP

**Archaeological Resources Assessment for the proposed Morrisville A Street Buildings
Brownsfield Project, Morrisville, Lamoille County, Vermont**

Submitted to:

**Kenneth J. Bisceglia, P.E., CHMM
Weston & Sampson
98 South Main Street, Suite 2
Waterbury, VT 05676**

Submitted by:

Charles Knight, Ph.D.

**University of Vermont
Consulting Archaeology Program
111 Delehanty Hall
180 Colchester Ave.
Burlington, VT 05405**

Report No. 626

October 29, 2010

Archaeological Resources Assessment for the proposed Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont

Project Description

Morrisville, Water and Light, through the engineering firm of Weston and Sampson, Inc., propose the Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont (Figure 1). Morrisville, Water and Light require an archaeological review as part of a larger Environmental Site Assessment (ESA) and Section 106 for the A Street Parcel in Morrisville, Vermont. The A Street Parcel is located at 36 and 56 A Street in Morrisville, Vermont. Previous work by Weston and Sampson, Inc. determined that the project area is vacant, but had been used in woodworking, carriage making, as a grist mill, and in creamery operations dating back to the early 1800s. The extant structures at the site area include a grist mill, a creamery, and a garage. Although there are no plans to develop or renovate the project parcel currently, an archaeological review is required before any future development can occur.

The University of Vermont Consulting Archaeology Program (UVM CAP) conducted an Archaeological Resources Assessment (ARA) of the Area of Potential Effects (APE) for the proposed Morrisville A Street Buildings Brownsfield Project as part of the Section 106 permitting process and no areas of precontact Native American or historic period Euroamerican archaeological sensitivity were identified.

Study Goal

The goal of an ARA (or “review”) is to identify portions of a specific project’s Area of Potential Effects (APE) that have the potential for containing precontact and/or historic sites. An ARA is to be accomplished through a “background search” and a “field inspection” of the project area. For this study, reference materials were reviewed following established guidelines. Resources examined included the National Register of Historic Places (NRHP) files; the Historic Sites and Structures Survey; and the USGS master archaeological maps that accompany the Vermont Archaeological Inventory (VAI). Relevant town histories and nineteenth-century maps also were consulted. Based on the background research, general contexts were derived for precontact and historic resources in the study area.

Archaeological Site Potential

No known precontact period sites are known from within, or adjacent to the proposed project alignments. The closest known precontact period site is site VT-LA-12, otherwise known as Butternut Island, located 500 m northwest of the project area. Butternut Island, which is currently submerged below the Lamoille Lake reservoir, was “reputedly the late 18th century residence of Indian Joe and his wife Molly. Historic traditions also note that the ‘island’ was a gathering place for Indians since ‘time immemorial’ as well as a ‘council’ ground, known to the Indians as Manitoulin, or ‘Spirit Island’” (VAI site form). In an unrelated project, the UVM CAP conducted Phase I archaeological testing across the Lamoille River from the project area at

the south end of South River Street as apart of the Morristown F 029-1(2) Bypass Project (Knight 2001). No archaeological sites were identified during the Phase I study. Finally, site VT-LA-13 is located approximately 500 m southeast of the project parcel in the town of Morrisville (see Figure 1). Site VT-LA-13 represents the isolated find of what is described as a metal projectile point, possibly dating to the period of European contact, when metal projectile points were trading with Native Americans. Ralph Dyer found the point in the Stancliff garden (now the Lamoille Women's Crisis Center), and then gifted it to the Morrisville Historic Society Museum around 1920. However, whether this artifact represents a metal projectile or some 19th century historic artifact is up for debate.

In regard to historic properties, much of downtown Morrisville was placed on the National Register of Historic Places as a historic district in 1983. The historic district is located east of the Lamoille River between Main Street to the south and the Lamoille Valley railroad tracks to the north and includes the Safford Mills Warehouse (#41) and the Safford Grist Mill (#42) which are the two buildings under consideration for the proposed project (Figure 2). Both buildings date to 1867, but will not be destroyed as part of the proposed project. Historically, several additional structures existed along this same portion of the Lamoille River, but the remains of these structures are no longer visible. For instance, the historic 1892 Sanborn insurance map (Figure 3) depicts several buildings along the river's edge in the area of the proposed project. In the 1922 map, a penstock is added and fewer buildings are depicted (Figure 4). The 1927 flood may have damaged several of the building there, since in the 1928 Sanborn map only the Safford grist mill remains and remains there to this day (Figure 5). Also, as depicted in these maps, the rivers edge is well north of the northern edge of the Safford grist mill. Today, the river cuts approximately 10-15 feet into the eastern side of the grist mill reflecting about 20-25 feet of erosion.

Desk Review

As part of the desk review, the UVM CAP utilized the Vermont Division of Historic Preservation's (VDHP) predictive model for identifying precontact Native American archaeological sites. The proposed project scores 0 on the Predictive Model, due to its location within 90 m of the Lamoille River (12), within 90 m of a series of waterfalls (8), and along a natural travel corridor (12). However, the area has been heavily disturbed by flood erosion and historic activities (-32). In addition to the paper-based predictive model, the desk review uses a Geographical Information System (GIS) developed jointly by the UVM CAP, and its consultant Earth Analytic, Inc., which operationalizes the paper-based model. It does this by applying the VDHP's sensitivity criteria to all lands within the State of Vermont. In these maps, archaeological sensitivity is depicted by the presence of one or more overlapping factors, or types of archaeological sensitivity (i.e. proximity to water, etc.). The Morrisville A Street Buildings Brownsfield Project location is in an area that exhibits six overlapping sensitivity factors, which are Drainage, Waterbody, Waterfall, Stream-Waterbody Confluence, Kame Terrace, and Head-of-draw (see Figure 1).

Field Inspection

A field inspection of the project area was carried out on October 26, 2010 by Dr. Charles Knight, Assistant Director of the UVM CAP. Knight was accompanied in the field by Catherine Quinn, of the UVMCAP, Kevin McAleer of Weston and Sampson, and Craig Myotte of Morrisville Water and Light. All the A Street buildings and adjacent area were inspected. No areas of archaeological sensitivity were identified anywhere along the proposed alignment. Much of the proposed landform has been heavily eroded, possibly from the 1927 flood of the Lamoille River. Historic period Sanbourn insurance maps indicate considerably more land extending into the river from the location of the extant buildings (see Figures 3-5). In addition, the same insurance maps indicate several buildings along the terrace that are no longer visible, possibly having been destroyed in the flood or before. Modern construction elements, such as a force main that bisects the property southwest to northeast and the foundations of a modern garage, in the northeastern edge of the project area, suggests that the entire area has been heavily disturbed by natural and historic cultural actions.

Conclusions

Morrisville, Water and Light propose the Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont. The UVMCAP conducted an Archaeological Resources Assessment as part of the Section 106 permit review and no areas as archaeologically sensitive for precontact Native American sites were identified. The previous landform that may have contained either precontact Native American sites or Euroamerican sites has either been lost due to erosion, exacerbated by the 1927 flood of the Lamoille River, and disturbed due to a variety of historic activities throughout the project area. Although the nature and extent of potential construction and/or earth disturbances are not known for the proposed project at this time, the extent of previous historic period disturbances to the landform precludes the possibility of identifying any intact archaeological sites. As a result, the proposed project will have no effect on significant archaeological resources and no additional archaeological work is recommended.

Charles Knight, Ph.D.
Assistant Director

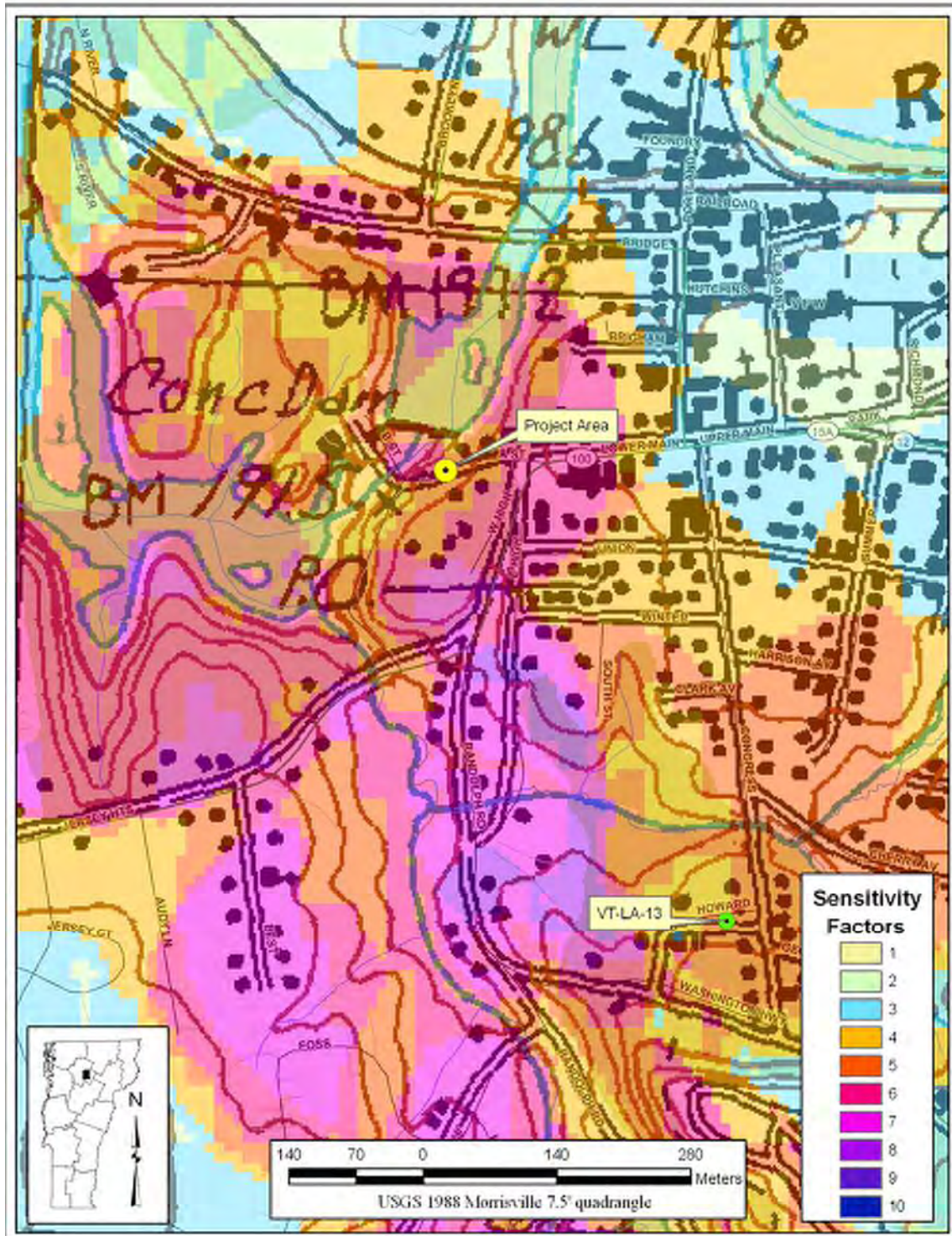


Figure 1. Map showing the location of the proposed Morrisville A Street Buildings Brownsfield Project, Morrisville, Lamoille County, Vermont.

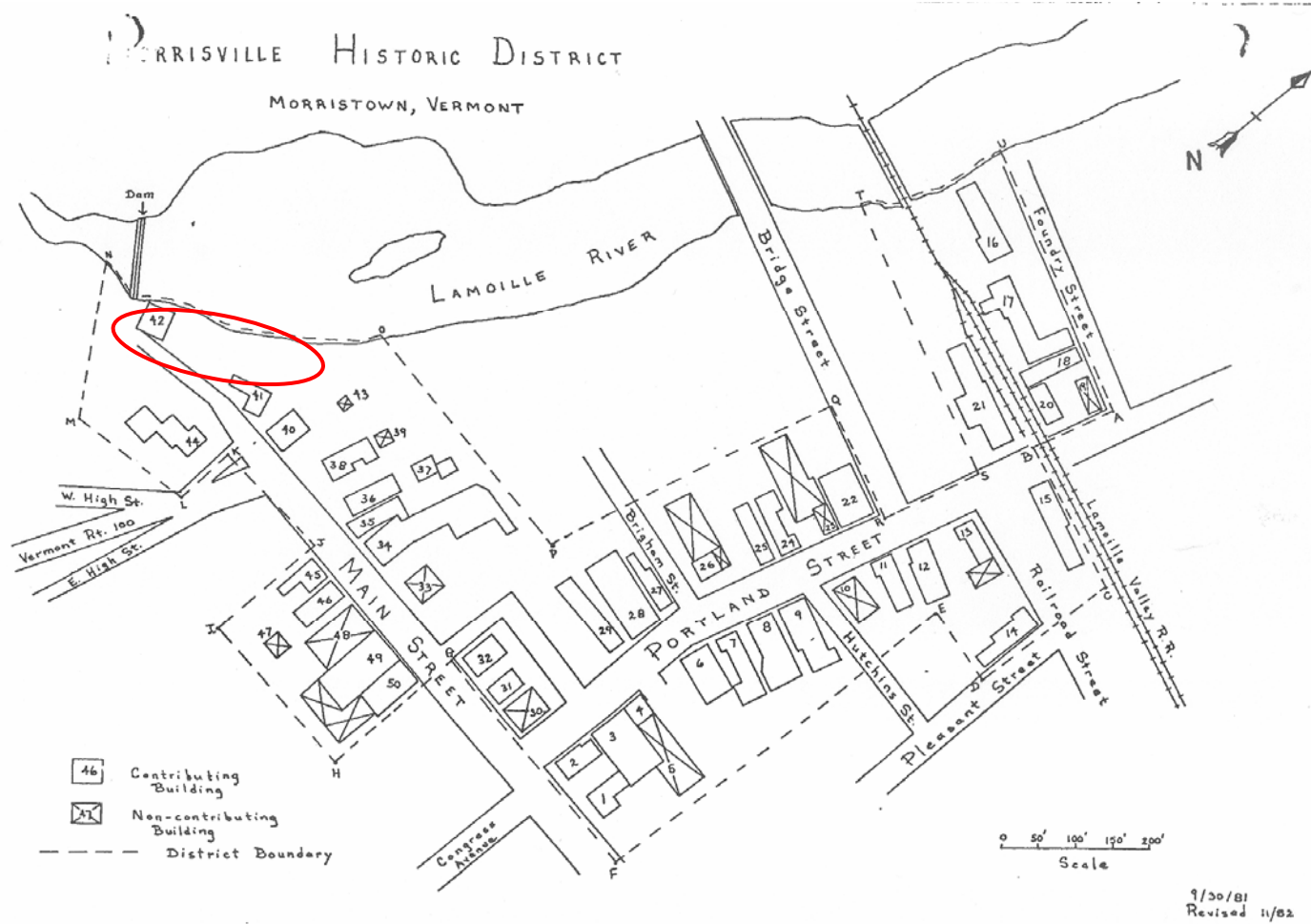
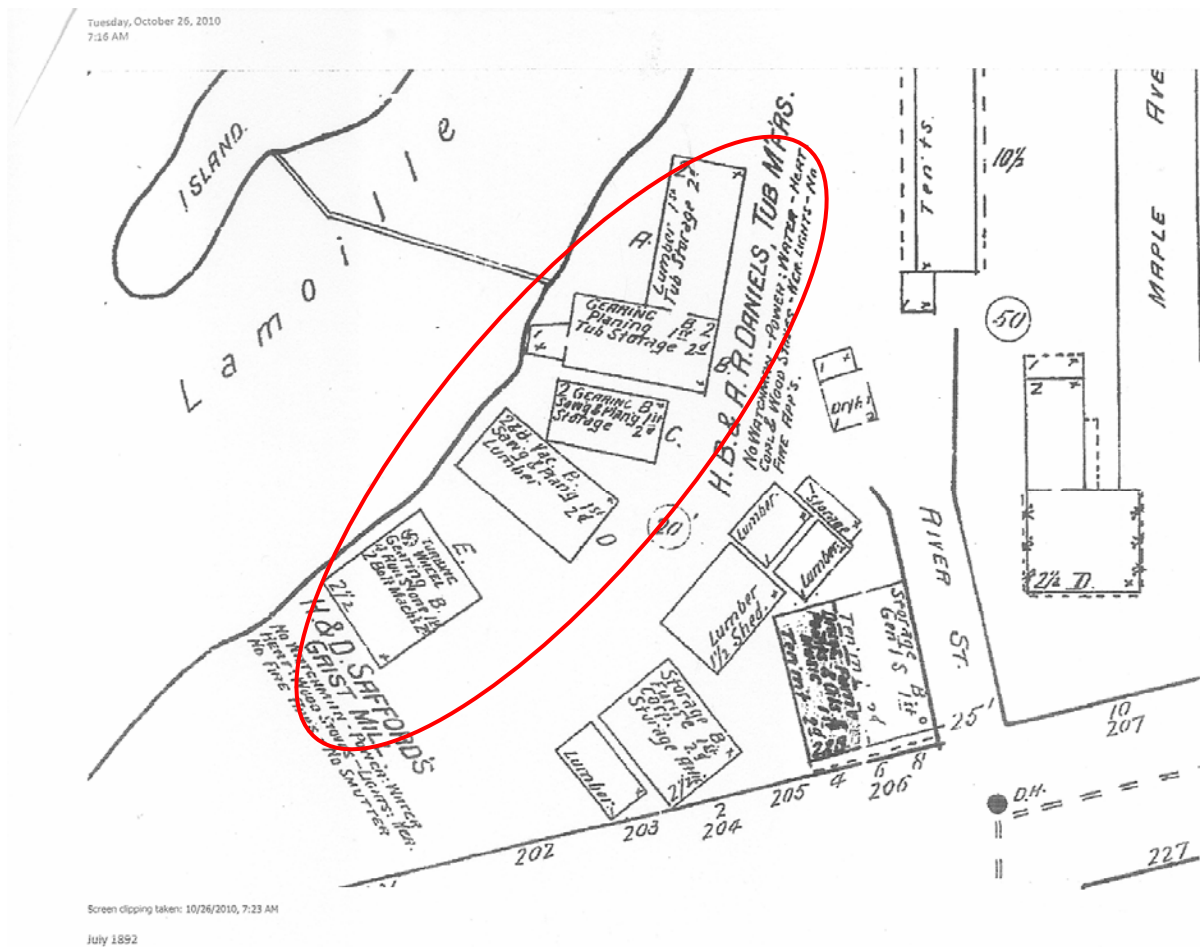


Figure 2. Map showing the location of the Morrisville Historic District and all contributing buildings, Morrisville, Lamoille County, Vermont.



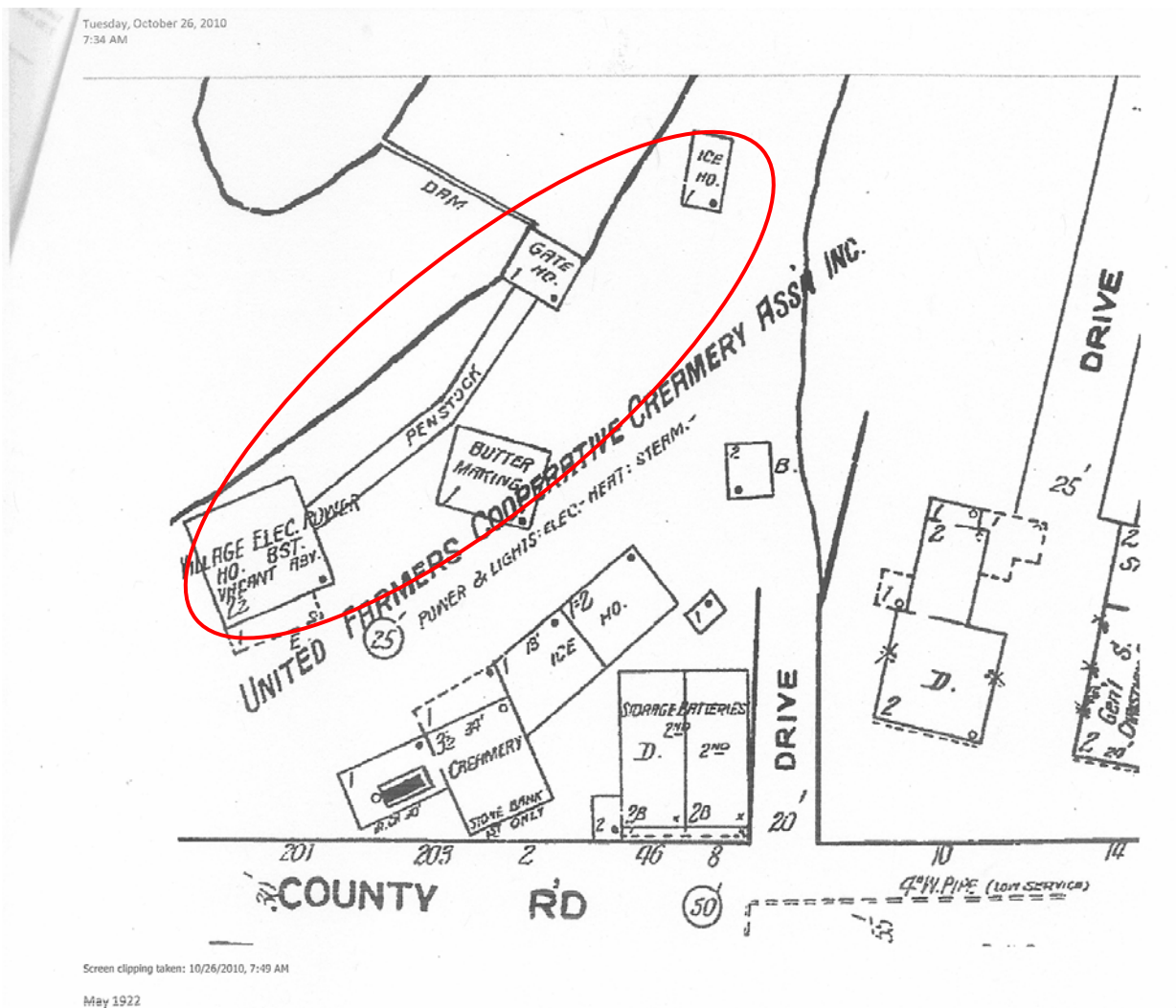
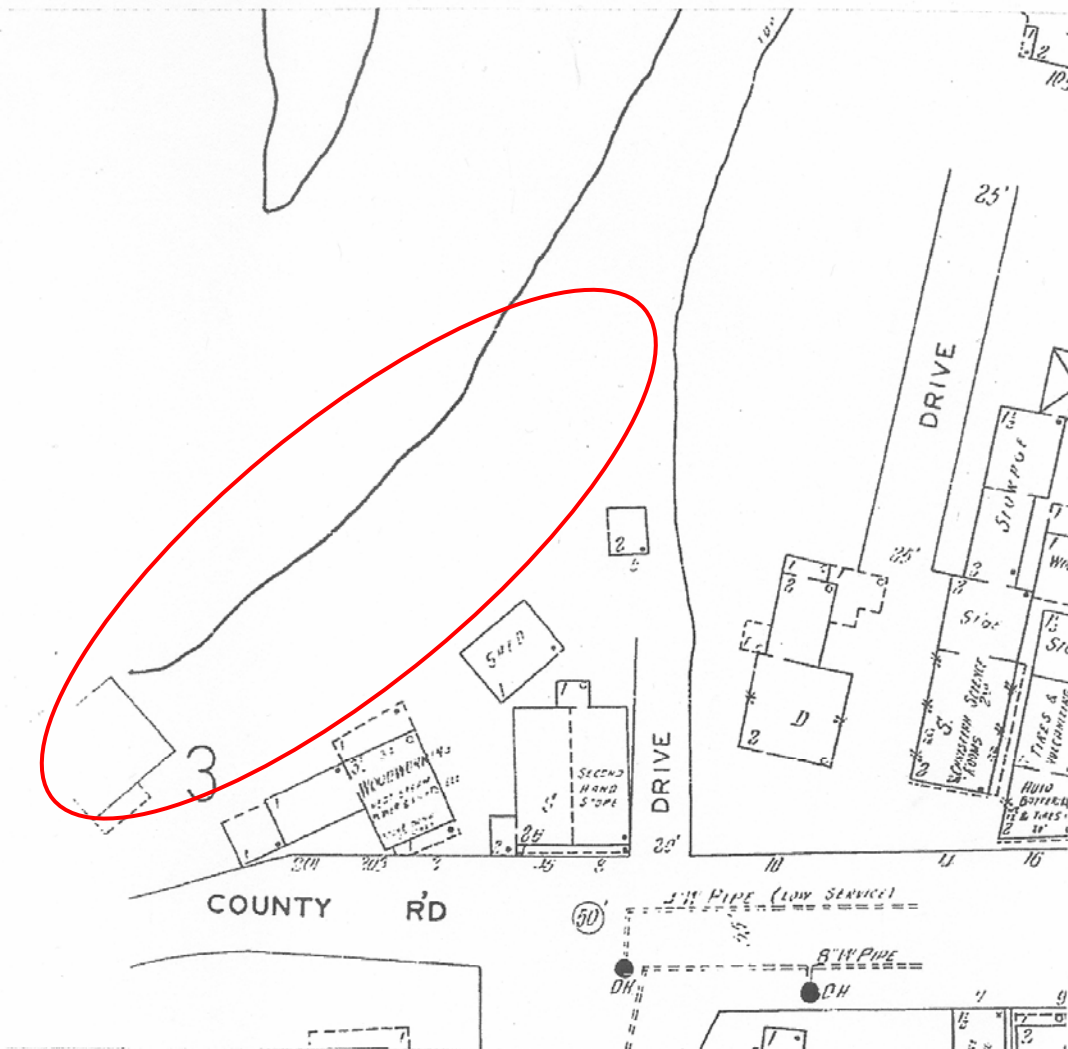


Figure 4. Historic 1922 Sanborn insurance map of the proposed Morrisville A Street Buildings Brownsfield project area, Morrisville, Lamoille County, Vermont.

Tuesday, October 26, 2010
7:56 AM



Screen clipping taken: 10/26/2010, 7:57 AM

Nov. 1928

Figure 5. Historic 1928 Sanborn insurance map of the proposed Morrisville A Street Buildings Brownsfield project area, Morrisville, Lamoille County, Vermont.

Appendix G

Resumes

Background

2001-Present
Regional Manager
Weston & Sampson

2001
Director of Environmental Services
Geosphere Environmental Mgt.

1994-2001
Technical Dir./Remedial Engineering
Twin State Environmental Corp.

1993-1994
Project Mgr./Environmental Scientist
Provan & Lorber, Inc.

1992-1993
Project Mgr./Environmental Scientist
Environmental Control Technologies

1989-1992
Environmental Scientist
Remedial Engineering
Environmental Chemist
Project Mgr./Client Relations
Groundwater Technology, Inc.

1988-1989
Research Analytical Chemist
Hoechst-Celanese Corporation

1986
Oceanographic Research Intern
National Oceanic and
Atmospheric Admin.

1981-1983
Aquatic Research
URI Limnology Department

Education

1987
Bachelor of Science
Physics, Minor in Chemistry,
Concentrations in Ecology and
Mathematics
University of Rhode Island

Professional Certifications

Professional Engineer: Vermont

Certified Hazardous Materials
Manager

ANR Septic Designer License:
Vermont

40-Hour OSHA Training Certified and
Supervisory Training with
Annual Updates

Septic Designer: Vermont

EXPERIENCE

Mr. Bisceglia manages our Vermont office. He has 20 years experience assisting federal, municipal, industrial and private sector clients with projects involving environmental assessment, hazardous waste remediation, Brownfield redevelopment and water supply treatment. He is an expert in project planning, technical oversight of Quality Assurance Project Plans, implementation of proven innovative field sampling activities, and remediation. He routinely implements the Triad approach while working on petroleum and hazardous waste sites that require various phases of work such as Phase I & II ESAs, Corrective Action Feasibility Investigations, and Corrective Action Plans. This work involves effectively communicating with site owners, regional planning commissions, Vermont Department of Environmental Conservation, Vermont Department of Health and the US EPA. An example of the types of sites Mr. Bisceglia has experience with include: industrial mills; petroleum service stations, refinery and pipeline, bulk plants, and underground storage tanks; dry cleaners; autobody shops; commercial real estate transactions; academic institutions; residential oil spills; manufactured gas plants; rail facilities; public bus garages; emergency response; and contaminated water supplies.

SPECIFIC PROJECT EXPERIENCE

Brownfield Redevelopment for the VTDEC Technical Assistance Program, Barre, Vermont – Principal-in-Charge for the Gable Place redevelopment project in conjunction with the Central Vermont Community Action Council, Inc. A historic industrial site since the middle 1880's, the Gable Place project involved Phase I & II ESA services to identify RECs related to both petroleum and hazardous waste followed by future CAFI and CAP efforts under the State BRELLEA program. Final redevelopment on this 2.1 acre parcel will be a 21st Century Community Action Campus that will improve anti-poverty/ community development service delivery and promote local economic development in the downtown area of a distressed community.

Brownfield Petroleum Program – Principal-in-Charge on a unique project that is designed to assist the Central Vermont Regional Planning Commission to develop a program for finding sites to enter their grant program that will be eligible to utilize Petroleum Brownfield Grant money.

Bulk Fuel Oil Redevelopment and Assessment, Morrisville, Vermont – Principal-in-Charge for the redevelopment of a 40-year old bulk oil facility. Work included decommissioning of its facility in 2007 with pre-characterization activities with test pits to observe fuel oil contamination. The discovery of oil contamination required a meeting with the Vermont Sites Management Section and Owner to coordinate management of contaminated soils during redevelopment at the site. Approximately 350 cubic yards of contaminated soils were stockpiled on site and a more detailed Phase II ESA site investigation was implemented in 2008 and is on-going.

Brownfield Redevelopment for Southern Windsor County Regional Planning Commission, Ludlow, Vermont - Project Manager for a Phase I & II ESA, CAFI & CAP under the state BRELLEA program at the 60 year old National Guard Armory in Ludlow. The purpose of this work was to identify risk associated with 3 buildings on a 2.6 acre parcel of land that is under consideration by the Town of Ludlow to be acquired and

Professional Societies

Academy of Certified Hazardous
Materials Managers
National Groundwater Association
American Society of Civil Engineers
American Water Works Association

Presentations

Design-Build of an Emergency
Multi-Phase Extraction System

Overcoming Site Challenges to
Optimize an Inactive LNAPL
Containment and Recovery System

Awards

2008 ACEC Gold Award
MBTA Cabot Yard
Remediation System -
Innovative Design in a
Complex Urban Environment

2007 ACEC Grand Award
Champlain Water District -
Improving Water Quality by Reducing
Disinfection Byproducts Through
Monochloroamination

redeveloped by the abutting school district. Recognized Environmental Conditions (RECs) were identified in the Phase I ESA that include: Underground Storage Tanks (USTs); a Dry Well; a Former Firing Range with interior lead contamination; exterior lead soil contamination; and hazardous building materials such as lead-based paint, asbestos, and mold. These RECs are now being investigated under a Phase II ESA that includes an extensive testing program for interior building materials and surfaces.

Brownfield Redevelopment for the Central Vermont Regional Planning Commission, Montpelier, Vermont - Project Manager for a TSCA/VTDEC Risk Based Clean-up at a former 1-acre junkyard contaminated with PCBs, Lead and PAHs bounded by a railroad line and riverfront. By implementing our risk-based approach, the cost for remediation was reduced from \$1.3M to \$300K. Potential reuse for the junkyard includes a municipal parking lot, a multi-story commercial building or a multi-modal transit facility.

Brownfield Redevelopment, Enosburg Falls, Vermont – Principal-in-Charge for a QAPP and Phase II ESA with the NRPC at a former diesel generator station on the Missisquoi River. RECs include TPH, and PAH contamination adjacent to the Missisquoi River.

Brownfields Redevelopment For the Central Vermont Regional Planning Commission, Northfield Falls, Vermont - Project Manager for assessing and remediation of a mill complex adjacent to the Dog River and a residential neighborhood related to asbestos, fuel oil, PCBs, metals and the plasticizer BEHP. The project included multiple meetings with stakeholders, EPA, VTDEC and the Vermont Department of Health. The Corrective Action Feasibility Investigation included remediation options ranging from \$65K to \$1.1M. We were successfully able to negotiate the final Corrective Action Plan to implement the \$65K remediation program with appropriate deed restrictions, and the site is now eligible for a SMAC determination.

Brownfields - With funding provided through an EPA Brownfields Assessment Grant, an ASTM Phase I ESA was conducted at the former Adams Paper Mill in Wells River, Vermont. As project manager, Mr. Bisceglia assisted the Two Rivers-Ottawaquechee Regional Commission with this project. The former mill operated from the middle 1800s until it was shut down in the early 1980s due to noncompliance with the National Discharge Elimination System (NPDES) regulations. The assessment is being used to establish potential environmental liabilities and risks associated with redevelopment scenarios related to multiple RECs such as asbestos in soils, PCBs, dioxin, and petroleum hydrocarbons.

Auto Body Shop, Corrective Action Plan, Milton, Vermont – Project engineer responsible for pilot testing, design and operation and maintenance of an air sparge and vapor extraction remediation system. The treatment system was designed to remove mineral spirits and gasoline that impacted soil and groundwater at the former auto body shop adjacent to the Lamoille River.

Brownfields, Poultney, Vermont - Mr. Bisceglia assisted with remediation efforts for the redevelopment of an industrial site into a municipal building at a mercury-contaminated site. This project was recognized by Governor Dean as Vermont's first successfully completed Brownfields project.

Background

2010-Present
Geologist II
Weston & Sampson

2007-2010
Geologist
Weston & Sampson

2002-2007
Geologist
GEI Consultants, Inc.

2001-2002
Geologist
Weston & Sampson

Education

2001
Bachelor of Arts
Geology
Castleton State College

Professional Training

OSHA 40-Hour HAZWOPER
General On-Site Staff Certification
(8-hr refresher 2002-08)

OSHA Confined Space Entry Training

Vermont Septic Designer Class A
#548

Nuclear Moisture/Density Gage
Operation and Radiation Safety
Training

American Health and Safety Institute,
Universal First Aid

Understanding the Massachusetts
Contingency Plan (MCP), U-Mass
Lowell, (2003)

ESRI GIS (2007)

Professional Registration

Professional Geologist - NH

Professional Memberships

Association of Engineering Geologists

EXPERIENCE

Mr. McAleer is a geologist with experience in UST closures, site assessment and remediation at petroleum, hazardous waste and manufactured gas plants (MGP's). He also has performed construction management and inspection, deep and shallow foundation inspections, environmental site assessments, and other geotechnical disciplines. He has experience with ARC view and Geographic Information Systems (GIS).

SPECIFIC PROJECT EXPERIENCE

Brownfield Redevelopment for the VTDEC Technical Assistance Program, Barre, Vermont – Project Manager/Geologist for the Gable Place redevelopment project in conjunction with the Central Vermont Community Action Council, Inc. A historic industrial site since the middle 1880's, the Gable Place project involved Phase I & II ESA services to identify RECs related to both petroleum and hazardous waste followed by future CAFI and CAP efforts under the State BRELLEA program. Final redevelopment on this 2.1 acre parcel will be a 21st Century Community Action Campus that will improve anti-poverty/community development service delivery and promote local economic development in the downtown area of a distressed community.

Brownfield Petroleum Program – Project Coordinator on a unique project that is designed to assist the Central Vermont Regional Planning Commission to develop a program for finding sites to enter their grant program that will be eligible to utilize Petroleum Brownfield Grant money.

Bulk Petroleum Storage Plant – Morrisville, VT – Geologist responsible for the execution of a Phase II ESA including the advancement of over 30 test pits, advancement of soil borings, well installation and soil and groundwater sampling. Petroleum hydrocarbon contamination encountered during the decommissioning and reconstruction of the tank farm area currently undergoing onsite remediation. In addition, Mr. McAleer was involved with the engineering design for the new tank farm containment area.

Brownfield Redevelopment for the Southern Windsor County Regional Planning Commission, Ludlow, Vermont – Project geologist and certifying environmental professional for a Phase I & II ESA, CAFI & CAP under the state BRELLEA program at the 60 year old National Guard Armory in Ludlow. The purpose of this work was to identify risk associated with 3 buildings on a 2.6 acre parcel of land that is under consideration by the Town of Ludlow to be acquired and redeveloped by the abutting school district. Recognized Environmental Conditions (RECs) were identified in the Phase I ESA that include: Underground Storage Tanks (USTs); a Dry Well; a Former Firing Range with interior lead contamination; exterior lead soil contamination; and hazardous building materials such as lead-based paint, asbestos and mold. These RECs are now being investigated under a Phase II ESA that includes an extensive testing program for interior building materials and surfaces.

Groundwater Monitoring - Killington, VT - Field Geologist performing low-flow groundwater sampling to assess groundwater quality resulting from the release of No.2 fuel oil encountered during the closure of a 550-gallon UST.

KEVIN K. MCALEER, P.G.

*Document Review
Bid Specification / Respondent Review
On-Site Corrective Action Oversight*

Site Assessment/Remediation - Killington, VT - Field Geologist to collect samples related to a release of No.2 fuel oil that impacted a water supply well with up to 10 inches of oil. Site Investigation activities included collection of tap water samples from bedrock water supply wells within a 1/4-mile radius of the site, video analysis of bedrock fractures in the well, drilling and sampling. Remediation included recovery of oil from a depth of 250 feet, closure of the impacted well and drilling a new water supply well with a deep grouted casing.

Brownfield Redevelopment - Montpelier, VT - Geologist responsible for the execution of a TSCA risk based clean-up investigation in Montpelier Vermont. Site characterization efforts include discrete sampling at several vertical horizons based on predetermined exposure scenarios. The project has included advancement of greater than 100 soil borings and collection of over 300 soil samples. In addition the project has included multiple redevelopment scenarios and coordination with several stake holders. The project is being conducted under a CVRPC grant with regulatory oversight by both the EPA and the VTDEC.

Brownfield Redevelopment – Enosburg Falls, VT. – Geologist involved with the project scoping, preparation of the site specific QAPP and execution of Phase II work scope. Project includes the identification of multiple source areas for metals, TPH, and PAH contamination adjacent to the Missisquoi River. This project is being conducted through a Brownfields grant with the NRPC.

Brownfield Redevelopment - Northfield Falls, VT - Geologist assisting in Phase II ESA Reporting for an EPA funded Brownfield project with the Central Vermont Regional Planning Commission. The findings of the Phase II work is being used to formulate a Corrective Action Feasibility Investigation (CAFI) and Corrective Action Plan (CAP) to be approved by the VTDEC.

Brownfield Phase I ESA - Warren Landfill, Warren, VT - Geologist to coordinate all field work, records review and reporting in compliance with ASTM and EPA AAI standards for the Central Vermont Regional Planning Commission. The closed landfill occupies several acres and is planned to be redeveloped as green space.

Brownfield Phase I ESA - St. Albans, VT - Geologist to coordinate all field work, records review and reporting in compliance with ASTM and EPA AAI standards for the Northwest Regional Planning Commission. The site pertains to 5 parcels in a city block municipal parking lot with historical commercial and industrial land use dating back before 1850. The site is planned to be redeveloped as parking garage and low-income housing.

Site Assessment - Rutland County Community Land Trust - Rutland, VT - Field Geologist for a site investigation to assess fuel oil odors inside a historic downtown building to determine the degree and extent of a release of No.2 fuel oil. Work included preparation of a health & safety plan, coordination of drilling subcontractor, implementation of field activities and reporting. The field activities included coring through a concrete basement floor, coring into a tank vault area, coring through a vertical foundation wall and field screening the building interior for VOCs.

Aquifer Pumping Test and Permitting of a Public Water Supply Well - Enosburg, VT - Field Geologist for analyzing the safe yield and collection of a complete list of water supply tests under the Vermont Water Supply Rule. The pumping test was performed as a constant-rate drawdown test and included flow measurements and monitoring water levels using pressure transducers.



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Report
November 2011

Brownfields

PHASE II ENVIRONMENTAL SITE ASSESSMENT

***Morrisville Water & Light
Gristmill-Creamery
Morrisville, Vermont***

Prepared For:
Lamoille County Planning Commission
Morrisville, Vermont

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1.0 INTRODUCTION

Weston & Sampson Engineers, Inc., (Weston & Sampson) has prepared this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Lamoille County Planning Commission (LCPC) for the Morrisville Water & Light (MWL) Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as “the Site”; see **Figure 1** - Site Locus Map and **Figure 2** - Site Plan). This Phase II ESA is specifically intended to provide a baseline evaluation of the Recognized Environmental Conditions (RECs) that were identified in the Phase I ESA prepared by Weston & Sampson dated December 3, 2010. Photos of the Site are provided in **Appendix A**.

Based on the information gathered during the Phase I, the following understanding of the Site is offered:

1. The Site has been owned MWL since 1920 and has two buildings known as the Gristmill and Creamery Buildings. The Site also had a garage, which was removed in ~2007 due to trespassing. The buildings are not occupied but have some limited current use as storage by MWL. The Gristmill Building is situated with part of its foundation system incorporated into a dam across the Lamoille River.
2. Historical records show development as early as the 1800's with multiple changes in Site use over the years.
3. Transformers containing polychlorinated biphenyls (PCBs) have been stored on the first floor of the Gristmill Building.
4. Several previous environmental investigations have identified on Site contaminants such as asbestos, lead, PCB's and mercury in building materials, and lead, PCBs and total petroleum hydrocarbons (TPH) in soils, a summary of previous soil analytical results is provided as **Figure 3**.
5. No documented evidence of current or past use of underground storage tanks was discovered for this Site in the records that were reviewed. Sanborn maps indicate for the majority of their history the buildings were powered by water and heated with coal and wood stoves.

6. The Site is not listed on any of the State or Federal Databases reviewed for this document.

The Weston & Sampson Phase I ESA identified the following recognized environmental conditions (RECs):

REC	Item
#1	Gristmill Building / PCBs - The 2001 Evergreen Services and Consulting Report, documented PCB contamination throughout the first floor of the Gristmill Building. The floor is constructed of wood, with multiple gaps and holes. The two highest concentrations were 991 mg/Kg and 58.1 mg/Kg. The average PCB concentration for the first floor of the Gristmill building is 36 mg/Kg. Evergreen also collected four soil samples in the crawl space beneath the first floor; these were all < 0.1 mg/Kg. Electrical transformers have been known to be stored on the first floor of the Gristmill Building. MWL has no knowledge of them being stored on the upper floors.
#2	Former Garage / PCBs & TPH - The 2004 North Country Environmental Services report identified a PCB concentration of 2.6 mg/Kg and a TPH concentration of 1,500 mg/Kg within the 0-1' sample interval of the gravel base of the former garage.
#3	Creamery Exterior / Lead in Soils - The 2003 Johnson Company Report identified a lead concentration of 490 mg/Kg from a composite soil sample along the west side of the Creamery Building.
#4	Hazardous Waste Storage - Two drums of uncertain contents were identified at the Site. One drum was located on the main floor of the Gristmill and another drum on the third floor of the Creamery Building. The drum located in the Gristmill Building was of wood construction, stored on its side and leaking an unknown substance. The drum in the Creamery Building was of steel construction and appeared competent. Other evidence of past petroleum and chemicals storage includes staining on floorboards throughout both buildings. Both drums have since been removed by MWL.
#5	Lead Based Paint and Asbestos - The 2003 Johnson Company Report identified lead based paint and asbestos in the Gristmill and Creamery Buildings.
#6	Creamery Building / Lead and Mercury - The 2004 North Country Environmental investigation collected wipe samples for lead, herbicides and PCB analysis, as stated in the report the results are used for guidance only. However, the results do show that the Creamery building is impacted with mercury and lead. No PCBs were detected by the North Country wipe samples in the Creamery, and MWL has no knowledge of transformers being in the building.
#7	Off-Site Hazardous Waste Sites - Due to the developed history of the surrounding area, there is an elevated concern for potential contamination to migrate onto the property from an off-Site source. This includes the battery storage area shown adjacent to the Creamery Building in the historic Sanborn maps.

The Site is currently owned by MWL and is being considered for redevelopment. To assist in the redevelopment, environmental assessment work is being done by the LCPC on behalf of the prospective purchaser with funding assistance from the EPA Brownfield's Assessment Program. The redevelopment plan is to establish a restaurant in the Gristmill Building, a General Store (with take out food) and a small Ice Cream shop in the Creamery Building and eventually a seasonal Snack Bar in the one story garage attached to the Creamery Building. Some items surrounding these two buildings may include a small park with a cobble stone lane, historic street lanterns, benches and cast iron railings along the water's edge with various lights to highlight both the buildings and the dam. The ultimate goal is to create an environment where families in Morrisville and the surrounding areas will be able to come for a nice dinner and relax along the river in a historical atmosphere.

This Phase II ESA report is subject to the limitations described in **Section 8.0** of this report and a list of commonly used acronyms is provided in **Section 9.0**.

2.0 SCOPE OF SERVICES

The Phase II ESA was comprised of a series of field and reporting activities, which are listed below. The extent of the investigation was determined from findings outlined in the prior Phase I ESA report. This Phase II ESA was performed in accordance with Weston & Sampson's Vermont Generic Quality Assurance Project Plan (QAPP) dated March 5, 2010 (RFA 10074) and the Site-Specific Quality Assurance Project Plan (SSQAPP Rev. A1) dated April 15, 2011, both approved by the United States Environmental Protection Agency Region 1 (EPA). The following scope of services was performed during this Phase II ESA:

Preparation:

- Task 1.0 SSQAPP
- Task 2.0 Prepare a Site Health and Safety Plan
- Task 3.0 Utility Clearance, Property Boundary Survey and Base Plan Preparation
- Task 4.0 Locate 2" Pipe

Subsurface / Groundwater:

- Task 5.0 Soil Borings and Groundwater Monitoring Well Installation
- Task 6.0 Groundwater Gauging, Sampling and Analysis

Gristmill Building:

- Task 7.0 PCB Floor and Wall Sampling of Gristmill Building
- Task 8.0 Metals XRF Screening and Lab Samples in Gristmill Building

Creamery Building:

- Task 9.0 PCB Floor Sampling of Creamery Building
- Task 10.0 Metals XRF Screening and Lab Samples in Creamery Building

Air Screening Gristmill and Creamery Buildings:

- Task 11.0 Mercury Ambient Air Screening and Testing

Former Garage:

- Task 12.0 Soil Sampling Within and Around Footprint of Former Garage

Exterior Soil:

Task 13.0 PCB Soil Sampling Along east side of Gristmill Building

Task 14.0 Metals XRF Soil Screening and Lab Soil Samples

Building Materials:

Task 15.0 Asbestos Assessment of Gristmill and Creamery Buildings

Task 16.0 Lead Based Paint Assessment of Gristmill and Creamery Buildings

Task 17.0 Lead Based Paint Assessment of Soils

Task 18.0 Indoor Air Quality (Mold)

Reporting:

Task 18.0 Prepare a Phase II ESA Report

3.0 SITE LOCATION AND DESCRIPTION

3.1 Property Characteristics

The Site is a 1.02 acre parcel located at 36 and 56 A Street in Morristown, Lamoille County, Vermont, within the downtown area of Morrisville. The Site is situated between A Street and the Lamoille River at the southwest end of the Village of Morrisville, an area of dense residential, retail, and commercial development. General property characteristics are highlighted in the table below, Site Locus Map (**Figure 1**) and Site Plan (**Figure 2**).

General property characteristics are provided in the following table:

Property Characteristics

Owner:	Morrisville Water & Light Department
Business Name:	Property not currently occupied
Parcel ID:	21023: 56 A Street and 36 A Street
Latitude / Longitude:	44° 33' 43" North / 72° 36' 4" West
Elevation:	655 feet +/- above sea level
Lot Size:	1.02 acres
Zoning:	Central Business District
Primary Building Structures:	"Gristmill" on 56 A Street (part of foundation attached to FERC-regulated dam on Lamoille River) "Creamery" on 36 A Street
Utilities:	Water: municipal available (not connected) Sewer: municipal available (not connected) Electricity: existing service to Gristmill building and minimal service to Creamery building Heating: none

3.2 Site Descriptions

3.2.1 Gristmill Building

The Gristmill Building is a two and one-half (2-1/2) story building with the foundation attached to the dam on the Lamoille River. The exterior of the building is painted wood clapboard, with a metal roof, placed over several layers of asphalt shingles. Many of the window openings have been boarded over. The floor plan on the interior is open, with a few partition walls on the first floor. The second floor is open and the third floor is an open attic space. The first floor has interior wood on the walls that is painted. The second and third floor interior walls are not painted, and have no interior construction.

The building is primarily empty with the exception of some storage of a small amount of office-related materials including shelving units. There does not appear to be any heat or water supply at the building. There is limited electrical wiring for lights. The building is not insulated with the exception of some remaining asbestos cloth insulation on the first floor.

A leaking wooden drum (approximately 55-gallon) on a plastic tarp was found on the first floor during the Phase I ESA which has since been removed by MWL. The drum had been on-Site for years and the material appeared very viscous and not actively leaking. The liquid from this drum was flowing across the floor approximately 5 feet to a 1-inch hole in the floor. This hole is over the ground within the foundation. The drum was not labeled and the liquid was not identified.

No fill or vent pipes, which would indicate the presence of an underground storage tank (UST), were noted surrounding the building. No floor drains were noted in the building.

According to Mr. Myotte, transformers and electrical equipment that potentially contained PCBs were only stored on the first floor of the Gristmill Building, and due to the weight and size of the equipment it is unlikely they would have been brought to the upper floors of the building. Orange paint marks were observed at the locations of the Evergreen Environmental Services PCB wood shaving samples, collected in 2001, these are discussed further in **Section 3.3**.

3.2.2 Creamery Building

The Creamery is a three and one-half (3-1/2) story building with a stone foundation that is stepped following the slope from A Street. The building foundation along A Street is in poor condition and the north exterior wall of the building is leaning towards the river. The building is wooden with painted clapboard siding and a metal roof. The third floor is finished with painted wood on the interior and paper insulation. A brick chimney runs through the building from the first floor.

The ground level (first floor) of the building is full height walk-in from the direction of the river that transitions to a crawl space to the south towards A Street. The ground level floor is concrete with no observed floor drains; however, there were many items stored in this room on the floor. The foundation at the front of the building is stone. This area is currently used for miscellaneous storage. A single story garage structure is attached to the western side of the building. Passive

vents are present near the top of two walls; however, no staining on the building or ground below these vents were observed.

The second floor of the building is above grade along the north, east and west sides and below grade along the southern end near A Street. The southern and eastern wall of the building is formed by a stone foundation, while the remaining walls are wood construction with horizontal, painted, wood lath. Several old fire hydrants are stored here, as well as pipe sections, valves and connections for the water system.

The third floor of the building is accessible from A Street via a sliding wooden door. All walls of this level are above grade. The interior is open with unpainted horizontal wood lath. Some staining was observed in several areas of the floor. A closed, unlabeled 55-gallon drum was identified during the Phase I ESA on this floor and staining was observed near this drum, but did not appear to originate at the drum, the drum has since been removed by MWL. The third floor also has a dark coating (sealant) of some type over the entire floor surface, whereas the other floors were bare wood or concrete (1st floor).

The fourth floor of the building is an attic space. The roof is deteriorated, and a stain on the floor appears to be a leak from the roof. The floor of the attic has a significant accumulation of bat and/or bird droppings. Some paper insulation was observed on the walls.

According to Mr. Myotte transformers and electrical equipment that potentially contained PCBs have not historically been stored in the Creamery building.

3.2.3 Former Garage Building

The Former Garage Building is located at the northeastern end of the Site, along the Lamoille River. The Garage Building was demolished in 2007 due to trespassing concerns. Formerly it was a single story building with a double door on the southwest side and shingle roof. All that remains of the Former Garage now is a concrete foundation with an interior dirt / gravel floor. The Former Garage Building had no heat, water supply or wastewater disposal, and only limited electrical wiring for lights.

3.2.4 Exterior Grounds

A visual survey of the surrounding private properties was also performed without leaving the Site.

A gravel driveway heads north from A Street and travels between the Gristmill and Creamery buildings. The area between these two buildings and up to the Former Garage is dirt and worn in a pattern indicating parking in front of the buildings and occasionally vehicular traffic. This Site is not used for vehicle storage by the current owner, and no significant surface staining was observed anywhere on the grounds outside of the buildings. There is a vegetated area against the Lamoille River, and on the steep slope to the east of the Creamery. This slope is the area where the General Store appears to have been located as shown on the 1946 edition Sanborn Map. This area is now vegetated, but evidence of a historic foundation, and piles of bricks were observed. The trail to the northeast of this area is worn, indicating occasional pedestrian use, public access to the Site is not restricted with the exception of the buildings being locked. An old stonewall is located to the southeast of this area at the top of the slope and adjacent to the sidewalk along A Street.

According to Mr. Myotte transformers and electrical equipment that potentially contained PCBs have not historically been stored on any of the exterior grounds.

3.3 Summary of Previous Investigations

The Phase I ESA, by Weston & Sampson, dated December 2010, included a review of historical environmental reports for the Site. The findings of these reports, along with the Phase I ESA, directed the scope of the sampling design of this Phase II ESA. Reports from these studies were supplied by MWL to Weston & Sampson and are referred to as:

- Evergreen Services & Consulting, Inc. (Evergreen), 2001
- The Johnson Company, Inc. (Johnson), 2003
- North Country Environmental Services, Inc. (North Country), 2004

The reports are not consistent in the reference to buildings and we will reference them as follows:

- Gristmill Building (Building No. 1) (Grist Mill #56),
- Creamery Building (Building No. 2) (Building #36)
- Former Garage (Building No. 3) (Ford Building) - *Removed since the preparation of the above reports.*

From these studies, it is clear that there are various issues related to each building. The contaminants found to date include asbestos, lead, PCBs and mercury in building materials and lead, PCBs and TPHs in soils. The findings of these environmental investigations are summarized below by building and consultant. ***The conclusions identified in the following sections are those of the consultant who prepared the respective report, and not necessarily those of Weston & Sampson.***

3.3.1 Gristmill Building

Historical work at this location was performed by:

- Evergreen Report, 2001
- Johnson Report, 2003

Summary of 2001 Evergreen Report:

- Findings:
 1. The Gristmill Building was used for storage and handling of transformers, electrical equipment, dielectric fluid
 2. Staining observed on wood floors
 3. 36 samples of wood shavings for Polychlorinated Biphenyl (PCB) testing - results ranged from <0.1 to 991 milligrams per kilogram (mg/kg)
 4. 4 soil samples under the main building for PCB testing - results were <0.1 mg/kg
 5. 1 wood sample of support beam under building for PCB testing - results were <0.1 mg/kg
 6. 1 water sample of standing water under building for PCBs - results were <0.025 milligrams per liter (mg/L)

▪ **Conclusions:**

1. PCB contamination appears to be confined to within the building materials and not in soils or water under the building.

Summary of 2003 Johnson Report:

▪ **Findings:**

1. The Gristmill Building was inspected to identify Asbestos containing materials and Lead-based paint that may be disturbed during renovations of the building. Only the first floor contained painted surfaces; therefore, no paint samples were collected on the upper floors of this building.
2. 11 samples were collected for Asbestos testing - results of 10 samples were non detect and 1 sample of cloth fabric was positive.
3. 6 samples were collected for Lead testing - all 6 samples were found to contain Lead.
4. 1 composite soil sample was collected from 4 discrete locations along the front of the building facing A Street for Lead testing - results detected Lead in soils at 40 mg/kg.

▪ **Conclusions:**

1. Asbestos - Asbestos was only found in 1 sample of cloth window fabric. Materials with $\geq 1\%$ asbestos are considered to be asbestos containing materials, and are subject to applicable regulations.
2. Lead in building materials - painted surfaces on the building exterior and throughout the first floor should be considered to contain Lead with the exception of the ceiling.
3. Lead in Soils outside building - Lead was detected in soils at 40 mg/kg. The U.S. Environmental Protection Agency (EPA) soil standards for bare soils is 400 mg/kg in play areas and 1,200 mg/kg in bare soils in the remainder of the yard.

3.3.2 Creamery Building

Historical work at this location was performed by:

- Johnson Report, 2003
- North Country Report, 2004

Summary of 2003 Johnson Report:

- Findings:
 1. Building was inspected to identify Asbestos containing materials and Lead-based paint that may be disturbed during renovations of the building.
 2. 9 samples were collected for Asbestos testing - results of 6 samples were non detect and 3 were positive (transite board, 6" water pipe and 16" water pipe).
 3. 11 samples were collected for Lead testing - all 11 samples were found to contain Lead.
 4. 1 composite soil sample was collected from 4 discrete locations along the front of the building facing Lamoille River for Lead testing - results detected Lead in soils at 490 mg/kg.
- Conclusions:
 1. Asbestos - Asbestos was only found in some pieces of cement Asbestos water piping near the stairs and approximately 4 square feet of transite board that lines a former chimney chase in the center of the ceiling of the first floor. Materials with $\geq 1\%$ asbestos are considered to be asbestos containing materials, and are subject to applicable regulations.
 2. Lead in building materials - painted surfaces identified on the building interior and exterior corner board should be considered to contain Lead with the exception of the red exterior siding.
 3. Lead in Soils outside building - Lead was detected in soils at 490 mg/kg. The U.S. Environmental Protection Agency soil standards for bare soils is 400 mg/kg in play areas and 1,200 mg/kg in bare soils in the remainder of the yard.

Summary of 2004 North Country Report:

- Findings:
 1. Two soil samples were collected outside the building B-4 and B-5. TPH up to 140 mg/kg, PCBs <0.1 mg/kg, Lead up to 34 mg/kg, Mercury <0.25 and Asbestos negative.
 2. Interior wipe tests - PCBs < 1.0 µg/wipe, Lead up to 16,000 µg/wipe, Mercury up to 1,200 µg/wipe.
 3. Second floor - minor staining located on stairs adjacent to door.
 4. Third floor - had a 55-gallon drum with staining of the wooden plank floor.
- Conclusions:
 1. Potential exposure exists to occupants of the building.
 2. Prior to allowing occupation of the buildings by sensitive receptors (adults, children, elderly, pregnant woman, etc.) abatement procedures for the removal or encapsulation of the Lead and Mercury should be conducted.

3.3.3 Former Garage Building - (Removed in 2007)

Historical work at this location was performed by:

- North Country Report, 2004

Summary of 2004 North Report:

- Findings:
 1. Overturned 55-gallon drum north of building - no staining observed, Boring B-1 had no regulatory exceedances for TPH, herbicides or PCBs
 2. Automobile battery east of building - no staining observed, Boring B-2 had no regulatory exceedances for TPH, herbicides or PCBs
 3. Soil sample in front of building doors (B-3) - no significant concerns
 4. Soil samples inside building (B-6, B-7, B-8, B-9) - TPH up to 1,500 mg/kg, PCBs up to 2.7 mg/kg, Herbicides <0.1, Lead up to 68 mg/kg and Mercury <0.25 mg/kg.
 5. Asbestos - not addressed in this report
 6. Lead-based paint - not addressed in this report

▪ **Conclusions:**

1. VTDEC should be notified that a release of oil and/or hazardous materials occurred based on the TPH and PCBs identified in the shallow soil samples inside the building.

4.0 FIELD SAMPLING PROGRAM

This section outlines the field sampling activities and data gathered to assess the RECs identified in the Phase I ESA.

The screening assessment will consist of a comparison of all soil data and metals building material data to EPA Residential Regional Soil Screening Levels (RSSLs) (Nov. 2010) and groundwater data compared to Vermont Groundwater Enforcement Standards (VGESs). Total Petroleum Hydrocarbon soil concentrations will be compared to 200 mg/kg Vermont Agency of Natural Resources Guideline for Petroleum Contaminated Soil and Debris (Aug. 1996),

PCB building material concentrations will be compared to the Toxic Substance and Control Act standard for porous media.

4.1 Health and Safety Plan

A Site-specific Health and Safety Plan (HASP) was prepared in accordance with Weston & Sampson's corporate Health & Safety Program and with consideration of the guidelines under the federal Occupational Safety & Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (29 CFR 1910.120), Safety and Health Regulations for Construction (29 CFR 1926.65) and the Vermont Occupational Safety and Health Administration (VOSHA). The HASP was on Site at all times during the field investigation work and discussed with the investigation team members.

4.2 Utility Clearance

Prior to conducting subsurface sampling activities all locations were marked and a utility clearance was performed that included notifying DigSafe and meeting with the Site owners to discuss the existing location and depth of an on Site municipal wastewater force main.

4.3 Soil Boring and Groundwater Monitoring Well Installation

On May 19 and 20, 2011 Enpro Services, Inc. of Burlington, Vermont performed soil borings at the Site under subcontract and oversight by Weston & Sampson. Borings were advanced with a track-mounted AMS Power Probe 9600 Series direct push drill rig. Soil samples were collected continuously with 48" MacroCore samplers with dedicated polyethylene liners. All reusable

sampling equipment on the drill rig was decontaminated between borings with a mixture of Alconox detergent and water.

A total of six (6) borings were advanced to refusal but only five (5) were completed as monitoring wells due to very shallow bedrock in the southern most portion of the Site. Boring locations were distributed spatially throughout the Site and are shown on **Figure 2**. Combined soil boring and monitoring well logs are provided in **Appendix B**.

4.3.1 Subsurface Soil Field Screening Results

All soil samples were field screened to evaluate evidence of oil or hazardous material (OHM) by visual observation and by screening the bagged head space for volatile organic compounds (VOCs) using a photoionization detector (PID) equipped with a 10.6 eV lamp. Prior to use the PID was properly calibrated with a 100 parts per million volume (ppmv) isobutylene standard. All soil samples were logged to characterize soil type and texture. Soils were found to be primarily sand and gravel with varying lesser amounts of silt. The results of the field screening are shown on the Boring Logs (**Appendix B**). There was no visual evidence of contamination or elevated concentrations of VOCs observed in any soil field-screenings, Site wide.

The total depth of the borings throughout the Site ranged from 3.9' below ground surface (bgs) in SB-101 to 12.3' bgs in SB-102. Each boring was advanced to refusal on native bedrock.

4.3.2 Subsurface Soil Laboratory Data

One (1) soil sample was collected from each boring location at the depth of greatest visual or olfactory evidence of contamination, if no evidence was present then a soil sample was collected near the observed groundwater interface. Additionally one (1) QA/QC duplicate sample was collected for data correlation; therefore, a total of seven (7) soil samples were collected and sent under chain-of-custody to Test America Laboratories in Westfield, MA. All of the soil samples were analyzed for VOCs, semi-volatile organic compounds poly cyclic aromatic hydrocarbons (SVOCs-PAH), priority pollutant 13 metals (PPL 13), and PCBs. The analytical results for soil samples collected during the soil boring investigation were compared to the EPA Regional Residential Screening Levels (RSLs). A summary of subsurface soil results is presented in **Table 1** and complete laboratory reports are provided in **Appendix C**.

4.3.3 Subsurface Soil VOCs Laboratory Results

Seven (7) soil samples (including a QA/QC duplicate collected from SB-102 boring) were analyzed for VOCs via EPA Method 8260B. None of the samples had detected concentrations above the reporting limits.

4.3.4 Subsurface Soil SVOCs – PAH Laboratory Results

Seven (7) soil samples (including a QA/QC duplicate collected from the SB-105 boring) were analyzed for SVOCs-PAHs. The PAH pyrene was the only analyte detected above the reporting limit in SB-105 and the duplicate sample, but the concentration was significantly below the regulatory limit.

4.3.5 Subsurface Soil PPL 13 Metals Laboratory Results

Seven (7) soil samples (including a QA/QC duplicate collected from SB-105 boring) were analyzed for PPL 13 metals. Of the complete metals list only arsenic was detected at concentrations above the Residential RSLs in each of the soil boring samples. The concentrations of arsenic in soil ranged from 4.6 mg/Kg in SB-104 (1.3–1.6') to 10.0 mg/Kg in SB-103 (1.2–1.6'). These results exceed the Residential RSLs of 0.39 mg/Kg and 1.6 mg/Kg respectively. The metals chromium, copper, lead, nickel and zinc were also detected in each of the soil boring samples but none of them exceeded regulatory limits. Mercury was detected in the SB-105 and duplicate samples at concentrations of 0.56 mg/Kg and 0.53 mg/Kg, respectively; this was the only soil boring samples that had mercury detections above the reporting limits. The element selenium was detected in SB-104 (1.3–1.6') at a concentration of 1.3 mg/Kg and cadmium was observed in SB-102 (0–0.9') at 0.42 mg/Kg; both concentrations are significantly below their respective RSLs.

4.3.6 Subsurface Soil PCBs Laboratory Results

Seven (7) soil samples (including a QA/QC duplicate collected from the SB-105 boring) were analyzed for PCBs via EPA Method 8082 with soxhlet extraction method 3540. None of the samples had concentrations above reporting limits.

4.4 Groundwater Investigation

4.4.1 Installation of Monitoring Wells

Five (5) groundwater-monitoring wells were installed during the subsurface investigation (SB-102 (MW) through SB-106 (MW)); the monitoring well locations are shown on **Figure 2**. The wells were installed with new 1" diameter PVC pipe and 0.010" machine-slotted well screen. A clean filter sand pack was installed in the annular space between the well pipe and the borehole and adequately sealed above the screen with bentonite pellets followed by native material and completed with road boxes. For further details, see the soil boring logs and well construction details in **Appendix B**.

Following completion, each well was developed to remove suspended fines and facilitate hydraulic connectivity with the surrounding aquifer. No sheens, odors or evidence of contamination was observed during the well development activities however the monitoring wells SB-105 (MW) and SB-106 (MW) were dry.

4.4.2 Site Survey

A Site survey was conducted by Vermont Licensed surveyor McCain Consulting of Waterbury, Vermont and was used as the base map for **Figure 2**. The survey included dead research, elevations of groundwater monitoring wells and sample locations, building corners, topography, complete property lines, utilities and driveways. A stamped mylar drawing of the survey bounds, dated July 6, 2011 was prepared and delivered to MWL.

The property lines of the Site which are in common with the Edward J. Bermingham Trust (see **Figure 2**) were determined using the survey plat for Edward Bermingham by Fredrick H. Reed, LS, as noted in Reference 1 of the boundary survey of the property performed by McCain Consulting, Inc. These lines in common with Bermingham were also confirmed by supporting documents in the Morristown Land Records as found by McCain Consulting.

The northerly, westerly and southerly property lines as shown on the survey by McCain Consulting used the natural boundaries of the Lamoille River, A Street and B Street (bridge). It

should be noted that the Village of Morrisville is the adjoining property owner along all three of these boundaries and could alter these lines.

4.4.3 Groundwater and NAPL Gauging

Groundwater levels and depth to product measurements were collected from the five (5) on-Site monitoring wells on June 9, 2011. No detectable light or dense separate phase liquids or sheens were observed. The measurements are as follows:

Monitoring Well Measurements

Monitoring Well ID	PVC Elev. (ft)	GS Elev. (ft)	Depth to Product (ft)	Depth to Water (ft)	Depth to Bottom (ft)	GW El. (ft)
SB-102 (MW)	638.05	638.19	ND	0.69	11.9	637.36
SB-103 (MW)	637.38	637.93	ND	3.15	8.65	634.23
SB-104 (MW)	640.07	640.07	ND	0.4	8.3	639.67
SB-105 (MW)	638.97	639.17	ND	Dry	4.6	< 634.37
SB-106 (MW)	640.25	640.42	ND	Dry	5.9	< 634.35

1.) Elevations base on NAVD 88 datum

2.) Elevation survey conducted by McCain Consulting of Waterbury, Vermont

4.4.4 Ground Water Sample Collection

All groundwater samples were collected in general accordance with the EPA Region 1 Low-Flow groundwater sampling procedures. As previously mentioned the monitoring wells SB-105 (MW) and SB-106 (MW) were dry and therefore no groundwater sample was collected from these locations.

All sample containers were filled and then placed in a cooler with ice and shipped to Test America in Westfield, MA under standard chain of custody procedures.

4.4.5 Groundwater Laboratory Results

The analytical results for the groundwater samples collected at the Site were compared to the Vermont Groundwater Enforcement Standards (VGES), however none of the groundwater samples submitted had concentrations of VOCs, SVOCs-PAHs, PCBs or PPL 13 Metals above the reporting limits. A summary of the groundwater analytical results can be seen on **Table 2**.

4.5 Gristmill Building PCB Sampling

As described in **Section 3.3.1**, a previous environmental investigation identified PCB contamination in the first floor surface of the Gristmill Building. This investigation however lacked sufficient documentation of sample collection procedures, methods and sample locations to provide a basis for cleanup planning. Therefore, Weston & Sampson performed a thorough investigation of potentially PCB impacted surfaces and at the request of LCPC chose locations on conservative assumptions to improve the redevelopment time frame.

Areas investigated include the following:

- Wood floors throughout the Gristmill Building plus the loading dock and interior stairs
- Walls on the first floor (2nd level) of the Gristmill Building
- Floor joists beneath the first floor
- Crawl Space soil beneath the first floor
- Exterior soil at the entrance to the first floor of the Gristmill Building.

A sample nomenclature system was established to identify which building and which floor PCB samples were collected from; all of the PCB building samples collected throughout the Site are documented sequentially. The following summarizes the sample nomenclature implemented for the Gristmill Building PCB samples:

GB-(unique #)	(Gristmill Building)
GB4-(unique #)	(4 th level of Gristmill Building - Attic Space)
GB3-(unique #)	(3 rd level of Gristmill Building - Second floor)
GB2-(unique #)	(2 nd level of Gristmill Building - First Floor)
GB1-(unique #)	(1 st level of Gristmill Building - Crawl Space Area Soil)
GB2W-(unique #)	(Gristmill Building Wall Sample)
SS-(unique #) (0-0.5")	Exterior PCB Soil Sample

A scaled map of each floor was generated and the sample point identifications were documented throughout the sample collection process. **Figure 4** shows the layout of each floor of the

Gristmill Building with the location and analytical result of each PCB sample. Additionally, photo documentation of each sample location was collected because the degree of staining, and to a lesser degree the wood type, varied throughout each floor; these photos were reviewed during the data evaluation of PCB analytical data and for data correlation purposes; some of these photos are included in **Appendix A** of this report. After each PCB floor sample was collected the locations were clearly identified on a plastic tag with a weather proof marker; the labels were permanently nailed to the floor at each sample location.

All samples were packaged on ice and shipped under chain-of-custody to Test America Laboratories in Westfield, MA to be analyzed for PCBs via EPA Method SW-846 8082A. Each PCB building sample was collected from wood shavings utilizing a 1/2" drill bit sampled to a depth of 1/2" below wood surface.

The PCB analytical results for wood floor samples collected in the Gristmill Building are compared to the EPA Toxic Substances Control Act (TSCA) standard for porous media of 1,000 ug/Kg which is equivalent to 1.0 mg/Kg. Individual PCB aroclor's detected in the Gristmill Building crawl space PCB soil samples were compared to EPA Residential RSLs and the total PCB concentrations for the soil samples are also compared to the TSCA limit described above.

A total of sixty-one (61) wood and soil samples were collected from the Gristmill Building during this Phase II ESA. A total of four (4) QA/QC field duplicate samples were collected from samples in the Gristmill Building, one of which consisted of soil from the crawl space. The QA/QC duplicate samples for both matrices were collected by homogenizing the total sample volume and splitting the sample into two (2) separate containers. The blind-duplicate samples were given a non-descriptive name and a fictitious collection time.

4.5.1 Gristmill Building PCB Floor Sampling Results

A total of eleven (11) wood samples per floor were collected from the Gristmill Building. Based on the building dimensions (38 feet by 35 feet) and existing features inside the building (i.e., shelving units, stacked boxes, work tables), a sampling grid was established to spatially distribute a representative number of sample locations. As seen on **Figure 4**, nine (9) samples were collected from designated grid points and two (2) samples were collected from areas of

observed staining from each floor, if no obvious staining was observed then high traffic areas were selected.

Total PCB concentrations were detected at or above the TSCA limit in eight (8) of the floor samples collected from the first floor of the Gristmill Building. Complete Gristmill Building PCB floor sampling results are provided in **Table 3** and shown on **Figure 4**. The total PCB concentrations in wood core samples collected from the first floor of the Gristmill Building ranged from 480 ug/Kg (in sample GBLD-55 located at the loading dock) to 21,000 ug/Kg in sample GB2-48 (located almost exactly in the center of the floor plan). The floor samples collected from the first floor of the Gristmill Building with total PCB concentrations above 1,000 ug/Kg are mostly confined to one half of the sampling grid although; one sample with a total PCB concentration equal to 1,000 ug/Kg (GB2-46) is located in the northern most room of the first floor (See **Figure 4**).

PCB aroclor's were not detected above the reporting limits for any PCB floor sample collected on the second or third floor (attic space) of the Gristmill Building with the exception of a minor detection of PCB Aroclor-1260 at a concentration of 260 ug/Kg at location GB3-34.

4.5.2 Gristmill Building PCB First Floor Joist Sampling

The 2001 Evergreen assessment found PCB contamination on the first floor of the Gristmill Building, as described in **Section 3.2.1**. Because of this observation and that remedial measures would likely include removal of the flooring of the first floor, "confirmatory" wood shaving samples were collected from the first floor sub-floor support joists. A total of eleven (11) support joist samples were collected based on roughly the same sampling grid and the same sample collection method as used for the floor sampling; however, it was not physically possible to access some of the joist locations on the designated floor grid, therefore the floor joist sample locations were spatially distributed throughout the area that was reasonably accessible. **Figure 4** shows the layout of the sub-floor support joists and the associated wood sample locations and **Table 5** provides complete results of the Floor Joist PCB sampling.

No concentrations of PCBs above reporting limits were found in any of the floor joist samples.

4.5.3 Gristmill Building PCB Crawl Space Soil Sampling

Soil samples were collected from the crawl space underneath the Gristmill. All of the crawl space soil samples were collected from 0-6 inches below ground surface (bgs) with the use of a hand auger. As previously mentioned, the conditions in the crawl space did not allow for sample collection to occur at every location on the designated sampling grid (i.e., standing water and exposed bedrock), therefore the PCB soil sample locations were spatially distributed throughout the overall area with adequate soil coverage. The soil sample locations in relation to the obstructive Site features in the crawl space can be seen on **Figure 4**. The relatively large area of standing water in the northern half of the crawl space during the time of this Site investigation is likely the result of the recent record rain fall amounts.

Individual PCB aroclor concentrations that exceed the Residential RSLs were observed in three (3) of the eleven (11) soil samples collected from the crawl space of the Gristmill Building.

The soil samples GB1-110 (1,650 ug/Kg), GB1-111 (10,500 ug/Kg) and GB1-112 (1,200 ug/Kg) reported total PCB concentrations in excess of the TSCA cleanup standard of 1,000 ug/Kg. Tabulated results for PCBs in soil can be seen on **Table 4** which includes highlighted results for values that exceed applicable regulatory criteria.

4.5.4 Gristmill Building PCB Exterior Soil Sampling

Due to the known past storage of transformers on the first floor of the Gristmill Building and that those transformers would be unloaded and carried in and out at the south loading dock, Weston & Sampson collected soil samples along the south side of the Gristmill Building for PCB analysis. Twenty (20) hand auger soil samples were collected from a ten foot sampling grid along the south side of the Gristmill Building. The first line of samples were collected within two feet of the south edge of the building and the outer line of samples were collected ten feet out from the first line of samples. The hand auger soil boring locations can be seen on **Figure 4**. Within each boring discrete samples were collected from 0-6 inches and from 1-2 feet below ground surface. The intent of the 1-2 foot sample was to potentially provide a bottom extent of PCB contamination that might be observed in the 0-6 inch sample. In five (5) of the ten (10) hand auger borings refusal was encountered less than 2 feet bgs; the shallow refusal depths ranged from 1.2-1.9 feet bgs. Where refusal was encountered less the 2 feet bgs, the bottom

sample was collected from 1 foot to the refusal depth (i.e. 1–1.6 feet). Based on shallow refusal in the nearby SB-101 (See **Appendix B**) and close proximity to the building foundation that was built on bedrock (as observed in the crawl space) it is likely that refusal was encountered on bedrock. One (1) QA/QC field duplicate sample was collected in this area as well as an equipment blank.

The PCB soil analytical results for the Gristmill Building hand auger investigation are summarized and presented in **Table 4**. Individual PCB aroclor results are compared to Residential RSLs and total PCB results are compared to the TSCA limit of 1,000 ug/Kg. Three PCB sample locations had detectable concentrations of PCBs, SB-116 (1.0–2.0') - 910 ug/Kg, SB-118 (1.0–2.0') - 640 ug/Kg, and Duplicate 8 [dup of SB-116 (1.0–2.0')] - 1,400 ug/Kg. The PCB aroclor detected in each of these samples is PCB-1016, which has a Residential RSL of 3,900 ug/Kg. Therefore, none of the detections were in excess of the Residential RSL. However, the TSCA cleanup standard will likely be 1,000 ug/Kg for total PCBs, which the QA/QC field duplicate sample Duplicate 8, at concentration of 1,400 ug/Kg, exceeded.

4.5.5 Gristmill Building PCB Wall Sampling

To confirm that the PCB results found by Evergreen in the first floor floor surfaces of the Gristmill Building had not spread to the first floor walls, Weston & Sampson, on May 26, 2011 collected a total of thirty-two (32) PCB wall samples from the first floor of the Gristmill Building. The wall samples were collected at projected points from the established floor sampling grid and consisted of six (6) samples per perimeter wall with three (3) samples at three feet (3') above the floor and three (3) samples at six feet (6') above the floor. An additional six (6) wall samples were collected at locations determined in the field based on staining. **Figure 4** shows the PCB wall sample locations on a plan view of the Gristmill Building first floor with the sampling grid layout, the sample nomenclature designates what the location and height at which the sample was collected from. For example GB2W-62 (6') indicates that the sample is a wall sample collected six (6) feet above the floor surface.

The samples predominantly consisted of wood cores however some of the grid locations were located on sheetrock. The sample collection method was identical to the floor sample collection

method described above. All of the PCB analytical data from the first floor wall samples is summarized on **Table 5**. Review of **Table 5** shows that no PCBs were detected above the reporting limits.

4.6 PCB Floor Sampling in Creamery Building and Attached Garage

PCB floor samples were collected from each floor of the Creamery Building following the same sample collection protocols as described above for the Gristmill Building, however; the PCB concrete samples located in the first floor (ground level) of the Creamery Building and the attached Garage were collected with the use of a hammer drill and a 1” drill bit. The hammer drill bit was decontaminated between each sample location. The Creamery Building sample location grid is a bit relaxed compared to the sampling grid of the Gristmill Building because MWL has verified that transformers and electrical equipment that potentially contained PCBs have not historically been stored in the Creamery building. For each floor, a total of four (4) samples were collected at established points on the sampling grid and another two (2) floor samples were collected from areas of observed staining. Additionally, one (1) QA/QC field duplicate sample was collected at a frequency of one (1) per every twenty (20) field samples collected.

Areas investigated include the following:

- Wood floors throughout the Creamery Building
- Concrete first floor
- Attached garage concrete floor

A sample nomenclature system was established to identify which building and which floor PCB samples were collected from; all of the PCB building samples collected throughout the Site are documented sequentially. The following summarizes the sample nomenclature implemented for the Gristmill Building PCB samples:

CB-(unique #)	(Creamery Building)
CB4-(unique #)	(4 th level of Creamery Building - Attic Space)
CB3-(unique #)	(3 rd level of Creamery Building - Opens to A Street)

CB2-(unique #)	(2 nd level of Creamery Building)
CB1-(unique #)	(1 st level of Creamery Building - Opens to Site Gravel)
CBG-(unique #)	(Creamery Attached Garage)

A scaled map of each floor was generated and the sample point identifications were documented throughout the sample collection process. **Figure 5** shows the layout of each floor of the Creamery Building with the location and analytical result of each PCB sample. Additionally, photo documentation of each sample location was collected because the degree of staining, and to a lesser degree the wood type, varied throughout each floor; these photos were reviewed during the data evaluation of PCB analytical data and for data correlation purposes; some of these photos are included in **Appendix A** of this report.

The PCB analytical results for floor samples collected in the Creamery Building are compared to the TSCA standard for porous media of 1,000 ug/Kg which is equivalent to 1.0 mg/Kg.

A total of thirty-two (32) PCB floor samples were collected from the Creamery Building during this Phase II ESA. Of the thirty-two (32) PCB floor samples collected in the Creamery Building only two (2) reported total PCB concentrations above the TSCA limit; one was collected at the entrance to the first floor (CB1-102) and the other was collected in the southwestern quadrant of the second floor (CB2-13). The PCB Aroclor-1254 was reported at elevated concentrations of 1,000 ug/Kg in sample CB1-102 and at 1,700 ug/Kg in sample CB2-13. The only other PCB detections in the Creamery Building was the Aroclor-1260 at a concentration of 760 ug/Kg in sample CBG-104 and at 160 ug/Kg in sample CBG-108; both of these were concrete samples collected in the attached garage. The PCB results for all of the samples collected in the Creamery Building are summarized in **Table 6**.

4.7 Metals XRF Screening and Laboratory Samples in On-Site Buildings

Weston & Sampson conducted field screenings for metals using an Innov-X[®] Delta X-Ray Fluorescence (XRF) instrument at each point on the established sampling grid in the Gristmill and Creamery Buildings. The result should only interpreted as field screening data. The XRF field screenings were conducted using a properly calibrated instrument and were conducted in

general accordance with the companies standard operating procedure. The screening was performed via a “direct shot” to the floor surface with the XRF in “soil mode” as recommended by the manufacturer. The direct shot method was chosen due to homogeneity and sample volumes issues related to bagging the wood chips for XRF screening. Measurements were collected over a 120 second period with three beams. The target metal list for the XRF screening was PPL 13 Metals; however, beryllium and thallium are not detected with the Delta XRF. (Beryllium and thallium are not contaminants of concern at the Site, and were not detected above analytical reporting limits in the building material confirmation lab samples). The XRF field screening results are summarized and presented on **Table 7**. The sample locations indicated on **Table 7** can be compared to the locations shown on **Figure 4** and **Figure 5**.

Laboratory samples were collected for PPL 13 Metals analysis one per floor in order to correlate XRF field screening results with laboratory analytical data and provide at least one (1) metals analytical sample per floor. Based on field observations of staining and first hand knowledge of historical 55-gallon drum storage, two (2) confirmatory metals samples were collected from the third floor (street level) of the Creamery Building and confirmatory XRF field screening was conducted in this area. The waste characterization data for the drum was requested, but at the time of this report has not been received. Confirmatory laboratory analytical results are summarized in **Table 8**. A QA/QC comparison table showing the relative percent difference (RPD) between the field screening results compared to the confirmatory laboratory analytical results can be seen on **Table 9**.

The XRF field screening results and laboratory analytical results were compared to EPA Residential RSLs. Review of the XRF field screening data shows that arsenic was detected above regulatory criteria in every floor of the Gristmill Building and Creamery Building. The confirmatory analytical results indicate arsenic contamination in the crawl space soil sample of the Gristmill Building in excess of the RSL; however, none of the laboratory tested building floor samples had arsenic above the reporting limit in contrast to the XRF field screening data. This discrepancy is likely due to the XRF measurements of the material surface; whereas the lab tested samples area a composite of the top 1/2” of the building material. The confirmatory analytical results for the samples collected in the Creamery Building report elevated levels of

arsenic in both samples collected on the third floor and from the sample collected on the fourth floor. Arsenic was not detected above the reporting limits in any other confirmatory metals sample.

Lead was detected at each of the XRF field screening locations conducted throughout the Site although exceedances of the Residential RSL was only observed in XRF screenings from select locations on the first floor of the Gristmill Building and from the second and third floor of the Creamery Building. The confirmatory metals sample collected from the stained area in the Creamery Building (CB3-12) was the only laboratory sample with lead concentrations above the regulatory criteria at a concentration of 2,700 mg/Kg; all other confirmatory metals samples had lead concentrations detected below the Residential RSL that ranged from 7.8 mg/Kg to 120 mg/Kg.

XRF field screenings show that mercury persists above the Residential RSL at two (2) locations in the 3rd floor in the Creamery Building (CB3-9: 53 mg/Kg) and (CB3-12: 97 mg/Kg) and in three soil samples, one in the crawl space soil of the Gristmill Building (GB1-117: 7 mg/Kg), and two exterior soil samples (SS-10: 6 mg/Kg) and (SS-20: 9 mg/Kg). The confirmatory analytical data also indicates the presence of mercury in both samples collected from the third floor of the Creamery Building (CB3-8 and CB3-12) but the results are well below the Residential RSL. Of the three (3) soils samples, a confirmation analytical sample was collected from SS-10, in which no mercury was detected above the reporting limit. Furthermore, mercury was detected with the XRF in one concrete screening location collected from the attached garage of the Creamery Building (CBG-105: 10 mg/Kg). Mercury was not detected above the reporting limit in any of the XRF or laboratory samples collected in the Gristmill Building.

4.8 Mercury Ambient Air Screening and Testing

The Phase I ESA indicated that during the previous 2001 Evergreen environmental investigation, mercury was detected from a wipe sample that was collected inside the Creamery Building at a concentration of 1,200 µg/wipe; no investigation at that time was conducted to evaluate mercury inside the Gristmill Building. Because mercury was present in the Creamery Building, Weston

& Sampson conducted a sampling effort to test for mercury vapor within the indoor air of the on-Site building.

4.8.1 Mercury Vapor Field Screening –Lumex RA-915+

In order to evaluate mercury vapor in the Buildings (in addition to the XRF field screening and the laboratory samples), Weston & Sampson screened indoor ambient air using a Lumex RA-915+ mercury vapor analyzer (Lumex), with a detection limit of 2 ng/m³ or (0.002 ug/m³). The Lumex screening was performed on June 8, 2011 and ambient weather conditions were 95 ° F and 41% humidity, specific notes of internal building temperature and humidity readings along with variables that could impact readings (i.e. broken windows) are shown on **Figure 6** - Gristmill Building and **Figure 7** - Creamery Building. The Lumex screening results were collected in two methods:

- Discrete Screening - The Lumex was slowly walked around just above the floor surface of each floor with a focus on cracks and low areas of the floors looking for “spikes” in detections. Vapor screening readings at each location were averages collected over a 10 second period.
- Composite Screening - The Lumex was placed in the “breathing” zone, approximately 3–4 feet above floor surface, at approximately four (4) locations per floor and room. In this case the vapor screening were three averages each collected over a 10 second period.

Results of the Lumex screening are shown on the **Figure 6** for the Gristmill Building and **Figure 7** for the Creamery Building; due to the large quantity of discrete sample points only select discrete locations are shown on the figures. All composite screening locations and results are shown. Concentrations shown on the Figures are in ng/m³, the regulatory criteria is 300 ng/m³ per the State of Vermont Air Pollution Control Regulations, dated April 27, 2007, Hazardous Ambient Air Standards (HAAS) Category II Table.

No Lumex discrete screening or composite screening results exceeded the above OSWER standard. The highest discrete concentration of vapor mercury, 117 ng/m³, was observed on the

third floor of the Creamery Building in proximity of some floor staining. Other than soil samples, the third floor of the Creamery Building is the only location with laboratory detected mercury in analytical wood floor samples (see **Table 8**).

4.8.2 Mercury Vapor Analytical Sampling –NIOSH 6009

As confirmation of the Lumex field screening results, a total of ten (10) mercury vapor samples were collected for laboratory analysis by the modified NIOSH Method 6009. The sampling was performed on June 9, 2011 and ambient weather conditions were 85 ° F and 61% humidity. The confirmatory analytical sample locations are shown on **Figure 6** for the Gristmill Building and **Figure 7** for the Creamery Building. The complete set of field measurements and analytical results for the mercury vapor sampling are summarized in **Table 10**.

One (1) confirmatory air sample was collected from each floor of the Creamery and Gristmill Buildings and attached garage and an ambient air background sample. Additionally, one (1) QA/QC duplicate mercury vapor sample was collected for data correlation purposes. The mercury vapor analytical samples were analyzed at Test America in Phoenix, AZ in accordance with the modified NIOSH Method 6009, for a 100 L sample at an approximate flow rate of 0.2 mL/min and a detection limit of 0.25 ug/m³. All ten (10) mercury vapor samples were collected simultaneously over an eight (8) hour period with the use of individually calibrated air pumps and in general conformance with the “Attachment 1 - Sampling Protocol for Mercury Contamination within a Residential Home”, prepared by the Illinois Department of Health, USEPA Region 5 and the Agency for Toxic Substances and Disease Registry (ATSDR). A laboratory supplied glass sorbent tube was connected to each calibrated air pump and the field parameters including time, temperature, air flow rate and % humidity were documented throughout the sampling interval.

The results of the analytical testing show no detections of mercury vapor above reporting limits.

4.9 Soil Sampling Near the Former Garage

The Former Garage building is located at the northern end of the Site, near the embankment to the Lamoille River. The Former Garage was demolished in 2007, due to trespassing concerns. Formerly it was a single story building with a double door on the southwest side and shingle

roof. All that remains of the Former Garage Building is a concrete foundation with an interior dirt / gravel floor. The Former Garage Building had no heat, water supply or wastewater disposal, and only limited electrical wiring for lights.

Weston & Sampson oversaw the advancement of three (3) shallow soil borings within the footprint of the Former Garage and one (1) shallow soil boring outside the footprint of the Former Garage to a maximum depth of three feet bgs. Based on historical analytical data from this location it is likely that a future corrective action plan would include removal and off-Site disposal of soils extending to two feet below grade. Based on this information, the Phase II ESA investigation focused on the bottom extent of contamination observed in previous investigations. Thereby, one (1) soil sample was collected from each boring at a depth of 2.0–2.5 feet bgs and submitted to Test America in Westfield, MA for the analyses of PCBs and total petroleum hydrocarbons (TPH) diesel range organics (DRO). Additionally, one (1) sample was collected from 0–0.5' bgs in the soil boring outside of the foot print of the Former Garage to evaluate surficial soil. The location of the shallow soil borings near the Former Garage can be seen on **Figure 2**.

The analytical results for the PCB soil samples collected in and around the Former Garage were compared to regional EPA Residential RSLs; the results are summarized and presented in **Table 11**. Two (2) PCB aroclor's were detected above the reporting limit, one of which slightly exceeds the Residential RSLs. The surficial soil sample SB-110 (0–0.5') reported a detection of PCB Aroclor-1248 at 250 ug/Kg and the PCB Aroclor-1242 was detected in sample SB-109 at a concentration of 170 ug/Kg. There were no other PCBs detected above the reporting limit.

4.10 Metals XRF Soil Screening and Laboratory Samples

Ten (10) soil samples were collected throughout the Site for PPL 13 Metals laboratory analysis. Arsenic and lead were the only metals detected above EPA Residential RSLs. Arsenic was found in each sample, with concentrations ranging from 4.7 mg/Kg to 14 mg/Kg. (Arsenic was also found in the subsurface soil samples - see **Section 4.3.5**.) Lead was detected in two soil samples directly adjacent to the Creamery Building with concentrations of 620 and 930 mg/Kg. An elevated concentration of lead in soil around the Creamery Building is consistent with the 2003 Johnson Company Report and the attached Clay Point Associates, Inc. (CPAI) Lead Soil

Sample Collection and Analysis report - **Appendix F**. The source of the lead contamination therefore seems to be the lead-based paint from the Creamery Building. Tabulated results of the metals soils sampling is provided in **Table 12**, sample locations are shown **Figure 2**. Additional XRF field screenings was conducted in surficial soils throughout the Site in an effort to delineate the nature and extent of metals contamination. The XRF field soil screening results are summarized in **Table 7**.

4.11 Locate 2" Metal Pipe

The 2" metal pipe that protrudes from a concrete retaining structure on the river bank near the Former Garage was inspected and found to be functioning as structural rebar, various other pieces of miscellaneous metal were observed protruding from the remnants of the concrete structure. A representative from MWL confirmed the pipe as rebar.

4.12 Asbestos Assessment of Gristmill and Creamery Buildings

On May 23 and June 20, 2011 CPAI performed asbestos inspection activities at the Site within the Gristmill and Creamery Buildings. CPAI personnel collected bulk samples from each building with suspected asbestos containing material (ACM) for laboratory analysis. One (1) bulk sample collected from piping material stored in the first floor of the Creamery Building reported 25% ACM. One (1) bulk sample collected from "insulation paper" in the electrical breaker room on the first floor of the Gristmill Building reported 80% ACM. Results of the CPAI asbestos inspection are provided in **Appendix D** of this report. The following asbestos abatements are available:

- All asbestos materials may be properly managed in place.
- Proper removal must be performed in advanced of building demolition.
- Proper removal must be performed in advanced of renovation if the materials will be disturbed by the renovation work.
- Proper removal may be preformed at Owner's discretion at any time.

4.13 Lead-Based Paint Investigation

On May 20 and 23, 2011 a Vermont certified Lead Inspector Technician with CPAI conducted a lead-based paint inspection of the Gristmill and Creamery Buildings and surface soils around the perimeter edge of each Building. The completed CPAI Reports of Lead-Based Paint Inspection for building material and composite soils is provided in **Appendix E** of this report. The following lead-based paint abatement options are available for components in fair and poor condition:

- Establish interim controls in accordance with the Vermont Essential Maintenance Practices for Lead.
- Stabilize all components containing lead-based paint.
- Remove/replace all lead-based paint components.

4.14 Quality Assurance / Quality Control (QA/QC)

The usability of the field and laboratory analytical data was evaluated to provide minimum criteria and performance standards for the collection and analyses of data to be used at this Site for risk assessment, background determinations, remediation and/or Site closure. The data quality objectives (DQOs) and quality control measures implemented during this project were consistent with the SSQAPP. The criteria for data usability are considered adequate if sampling and laboratory procedures are consistent with the following criteria:

1. Field QC samples were collected in accordance with those approved in the SSQAPP.
2. The laboratory provides the following certification:
 - Chain-of-custody accurately describes condition of samples received.
 - Compliance with all method QA/QC requirements and performance standards; and,
 - Analytical methods were used in accordance with SSQAPP.
3. The data validation process defines the criteria that constitute data quality that include:
 - Chain-of-custody
 - Preservation and holding times
 - Instrument calibrations

- Preparation blanks
- Interference check samples (metals)
- Matrix spikes/matrix spike duplicates (MS/MSD)
- Laboratory control samples
- Field Duplicate measurements
- Required quantitation limits (sensitivity of chemical measurements)
- Sample analysis and preparation methods

The data quality assessment process ensures that the type, quantity and quality of environmental data used in decision-making are defensible. The Site data are compared with original DQOs and evaluated with respect to project decisions; uncertainty within the decisions; and, quality criteria required for the data, specifically precision, accuracy, representativeness, completeness, comparability and sensitivity (PARCCS).

Quality assurance and quality control (QA/QC) measures related to trip blanks and duplicates for the soil sampling and groundwater sampling are shown below.

QA/QC Samples

Matrix	Trip Blank	Equipment Blank	Duplicate	Parameter
Soil	0	7	6	PCBs
Groundwater	0	0*	1	PCBs
Soil	0	2	2	PPL 13 Metals
Groundwater	0	0	1	PPL 13 Metals
Soil	1	1	1	VOCs
Groundwater	2	0	1	VOCs
Soil	0	0	1	SVOCs – PAH
Groundwater	0	0	1	SVOCs – PAH

* – Sampling equipment was dedicated and disposable

All laboratory data was evaluated for the following parameters prior to acceptance in this report:

- Analysis within holding times
- Correct sample IDs

- Non-detect trip blanks

All data was reviewed in accordance with the DQO outlined above and deemed acceptable for the decisions being made in concerning the Site. A summary of Weston and Sampson's review and usability of the laboratory QA/QC samples tabulated below is summarized in **Table 13**. In summary, the results of the PARCCS evaluation indicate that data quality indicators are acceptable, and the data obtained during this investigation is adequate for characterizing Site conditions and risk. Weston & Sampson considers the data to be of sufficient level of sensitivity to support the conclusions in this report and the samples collected are considered representative based on the known historical uses and data collected related to surficial and subsurface conditions.

As previously mentioned in **Sections 4.7** and **4.10** of this report, several confirmatory metals samples were collected from surficial soils throughout the Site and from each floor of the on-Site buildings to correlate the XRF field screening results. The QA/QC comparison summary table is included as **Table 9**. Review of the relative percent difference (RPD) values presented in **Table 9** show that in general the correlation in between samples in soil are better than the correlations between samples collected from the building material surfaces.

The poor RPD in building material samples between the laboratory and XRF results is likely due to the difference in the sample depth. The XRF was a direct surface shot and is biased by surface staining and residue, whereas the analytical sample is the top ½ inch of wood material and consequently any surface staining and residue is diluted by the material below the surface to ½ inch.

Data correlation in groundwater samples was not conducted because there were no detections in any of the analyses above the reporting limits.

No contaminants were reported in any of the equipment or trip blank samples.

5.0 ENVIRONMENTAL CHARACTERISTICS

This section presents a description of the environmental setting pertaining to the Site and regional features including topography, groundwater, surface water and geology.

5.1 Surface Water Characteristics

Overland flow off the Site discharges to the Lamoille River via sheet flow or via culverts located under the gravel drive separating the two on-Site buildings. During a heavy rain event while performing this Phase II ESA surface water and a sanitary overflow from an on-Site sewer manhole migrated west and south and submerged the recently installed monitoring wells SB-102 (MW), SB-103 (MW) and SB-105 (MW).

5.2 Soil and Bedrock Characteristics

In general, the subsurface investigation identified a thin layer of topsoil underlain by a predominantly medium to coarse sand with varying amount of sub-rounded and sub-angular gravel. Intermittent thin lenses of very fine sand and silt were observed in almost all of the soil borings. Evidence of fill was encountered beyond 2-3 bgs in the area immediately surrounding SB-104 (MW). Bedrock was encountered throughout the Site at depths ranging from approximately 4' to 12' bgs.

According to the Surficial Geologic Map of Vermont (Doll, 1970), the soils underlying the Site are designated as a beach gravel deposit with contact at the Lamoille River and extending to the east/northeast.

According to the Geologic Map of Vermont (Doll 1961), the bedrock in vicinity of the Site transitions from west to east with the Hazens Notch formation (Ch to Chm) and the Ottauquechee formation (Co). The Hazens Notch formation (Ch) is characterized by interbedded carbonaceous and noncarbonaceous quartz-sericite-albite-chlorite schist; grades to quartzite and gneiss. The Hazens Notch formation (Chm) is chiefly albite-actinolite-chlorite-epidote greenstone; locally hornblende-epidote-chlorite-albite amphibolite. The Ottauquechee formation (Co) is a black carbonaceous phyllite or schist containing interbeds of massive quartzite commonly criss-crossed by veins of white quartz; quartzite is dark gray and carbonaceous, light gray, or white; also includes light green quartz-sericite-chlorite phyllite or schist and sericitic

quartzite; beds of phyllitic greywacke and feldspar granule conglomerate are north of Lamoille River.

5.3 Groundwater Characteristics

Based on the groundwater elevations obtained during this Phase II ESA the overburden groundwater flow is predominately west-southwest toward the Lamoille River. The overburden groundwater gradient most likely follows the top-of-bedrock elevation and discharges along the bank of the Lamoille River. Fluctuation in groundwater elevation likely occurs instantaneously before and after rain fall events. This is noted based on moist and wet soils observed in soil borings SB-105 (MW) and SB-106 (MW) but no groundwater recharge in the completed wells.

6.0 SUMMARY AND CONCLUSIONS

The Site is a 1.2 acre parcel located at 36 and 56 A Street in Morristown, Lamoille County, Vermont, within the downtown area of Morrisville. The Site is situated at the southwest end of the Village of Morrisville, an area of dense residential, retail, and commercial development.

The Site has been owned by MWL since 1920 and has two buildings known as the Gristmill and Creamery Buildings. The Site also had a garage, which was removed in ~2007 due to trespassing. The buildings are not occupied but have some limited current use as storage by MWL. The Gristmill Building is situated with part of its foundation system incorporated into a dam across the Lamoille River. Historical records show development as early as the 1800's with multiple changes in Site use over the years.

Several previous environmental investigations have identified on-Site contaminants such as asbestos, lead, PCB's and mercury in building materials, and lead, PCBs TPH in soils. Transformers containing PCBs have been stored on the first floor of the Gristmill Building.

Potential remediation solutions presented in the following section are for discussion purposes only. Actual remediation alternatives will be based on redevelopment plans, regulatory input, cost and feasibility; all of which will be summarized and presented in a Corrective Action Plan (CAP).

6.1 Subsurface Soil and Groundwater

Six (6) subsurface borings were completed on Site, all to shallow bedrock refusal between 4 to 12 feet bgs. Subsurface soils samples were field screened and one sample from each boring was collected and submitted for laboratory analysis for VOCs, SVOCs, PPL 13 Metals and PCBs. Of these analyses, only arsenic was detected in concentrations above the applicable EPA Residential RSL standards. Arsenic was detected in every subsurface soil sample in concentrations ranging from 5.6 to 10 mg/Kg. Arsenic is a common, naturally occurring metal in Vermont soils and these concentrations are representative of typical background concentrations throughout many areas in Vermont.

Five (5) groundwater monitoring wells were installed in the six (6) borings described above, however two (2) were dry. The three (3) remaining groundwater monitoring wells were sampled for VOC, SVOC, dissolved PPL 13 Metals and PCB laboratory analysis. No detections above laboratory reporting limits were detected in the three (3) groundwater samples. Overburden groundwater generally flows across the Site to the northwest and discharges into the Lamoille River.

No visual or field screening evidence of contamination was observed in the subsurface borings or groundwater, laboratory results provide further evidence that subsurface soils and groundwater have not been impacted.

6.2 Gristmill Building

The first floor of the Gristmill Building has in the past been used to store transformers by MWL, and consequently the floor surface is impacted with PCBs. Floor surface PCB sample concentrations ranged from not detected to 21,000 ug/Kg. In addition, heavy petroleum product staining was observed on the first floor surface. Wood samples collected from the joist beneath the first floor had no detections of PCBs above reporting limits. PCBs in soil below the floor were detected above the applicable TSCA and Residential RSL criteria in four (4) of the crawl space samples underneath the Gristmill Building. No significant concentrations of PCBs were observed in the first floor walls or in 2nd or 3rd floor surfaces of the Gristmill.

No concentrations of metals in excess of Residential RSLs were observed in the analytical laboratory samples collected from the wood floor surfaces of the Gristmill Building. However, with the XRF screening of building material surfaces, elevated concentrations of arsenic were observed throughout the floor surfaces. Additionally, chromium was observed from the loading dock sample and elevated lead concentrations were observed throughout the first floor surface.

6.3 Creamery Building

One sample from the 1st floor concrete and one sample from the 2nd floor wood of the Creamery Building had PCB concentrations above TSCA limit of 1,000 ug/Kg. These concentrations are relatively low, and do not appear indicative of a larger PCB issue in the Creamery Building,

however they will likely need to be addressed in some manner to comply with the EPA TSCA program.

Lead and arsenic were observed in the wood floor analytical results for the Creamery 3rd floor. Mercury was also detected in two 3rd floor analytical results, (the only wood floor samples to have mercury detections) but both concentrations were below regulatory standards. In the XRF screening, significant concentrations of metals, including arsenic, lead, chromium and mercury were detected on the 3rd floor surface. The 3rd floor of the Creamery has a dark sealant over the floor surface not observed on other floors. This is likely the source of the high concentrations. Additionally, with the XRF screening, elevated concentrations of arsenic were observed throughout the floor surfaces of the Creamery Building.

Concentrations of mercury vapor above the applicable regulatory standard were not observed in the field screening or laboratory analysis in the Creamery Building.

6.4 Former Garage

In this Phase II ESA no detections of PCBs, TPHs or PPL 13 Metals (exception arsenic) above Residential RSLs were observed within the footprint of the Former Garage. The 2004 North Country Environmental Services report detected the following concentrations in the top 0-1' of the Former Garage: TPH up to 1,500 mg/Kg and PCBs up to 2.7 mg/Kg.

7.0 RECOMMENDATIONS

Based on the data and observations collected to date the following recommendations are offered:

- The Creamery and Gristmill Buildings should continue to be locked and secured to prevent trespassing. Discontinue the use of both buildings as active storage and avoid unnecessary traffic in each building. When access of the buildings is necessary wear protective tyvek foot covers and dispose of them before leaving the building.
- Discussions regarding contaminant exceedances of regulatory criteria should occur to initiate remediation planning that will satisfy redevelopment and regulatory needs. The final remedial strategies will need to be submitted and approved by the VTDEC as a Corrective Action Plan that is stamped by Vermont licensed Professional Engineer. If Brownfield funds are used to prepare this document, it will likely have to comply with provisions of the EPA Analysis of Brownfields Cleanup Alternatives (ABCA) requirements.
- All materials where total PCBs exceed 1,000 ug/Kg will require corrective actions that are in conformance with EPA TSCA regulations.
- At this time we do not recommend any additional sampling to complete the Phase II ESA activities; however, this is subject to regulatory review and comment. Pending corrective action planning and implementation, additional sampling may need to be performed associated with post-remediation confirmation testing and/or for waste disposal profiling. Any additional sampling related to these efforts will be described in the CAP/ABCA.
- Flooring in Buildings: To address contaminated flooring in the Gristmill Building and Creamery Building, potential corrective actions may include one or more of the following methods: sanding, cleaning, sealing or removal. The loading dock at the Gristmill Building should also be removed.
- Soils under Gristmill Building: To address contaminated soils within the crawl space of the Gristmill Building, potential corrective actions may include removal or capping.

- Soils around Gristmill and Creamery Buildings: To address contaminated soils impacted by lead-based paint, potential corrective actions may include removal or capping.
- Soils associated with Former Garage: To address contaminated soils within the footprint of the Former Garage and the immediate surrounding perimeter, potential corrective actions may include removal or capping.
- Lead-Based Paint and Asbestos: To address lead-based paint on certain components on/within the buildings and asbestos, these materials should be handled in accordance with applicable Vermont Lead and Asbestos regulations when conducting building renovations.
- Institutional Controls: Any contamination that will remain on Site following corrective actions that are managed through engineering controls such as capping or sealing will need to be recorded as a legal notice to land record that is approved by the VTDEC.

8.0 LIMITATIONS

This Phase II ESA was prepared exclusively for the use of the LCPC. The findings provided by Weston & Sampson in this report are based solely on the information reported in this document. Future investigations, and/or information that were not available to Weston & Sampson at the time of this investigation may result in a modification of the findings stated in this report.

Should additional information become available concerning this Site or neighboring properties that could directly impact the Site in the future; that information should be made available to Weston & Sampson for review so, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on Site conditions observed by Weston & Sampson personnel at the time of the investigation, information provided by LCPC, MWL and information provided by federal, state and local agencies. This report has been prepared in general accordance with accepted engineering and environmental assessment practices. No other warranty, expressed or implied, is made.

9.0 COMMON ACRONYMS

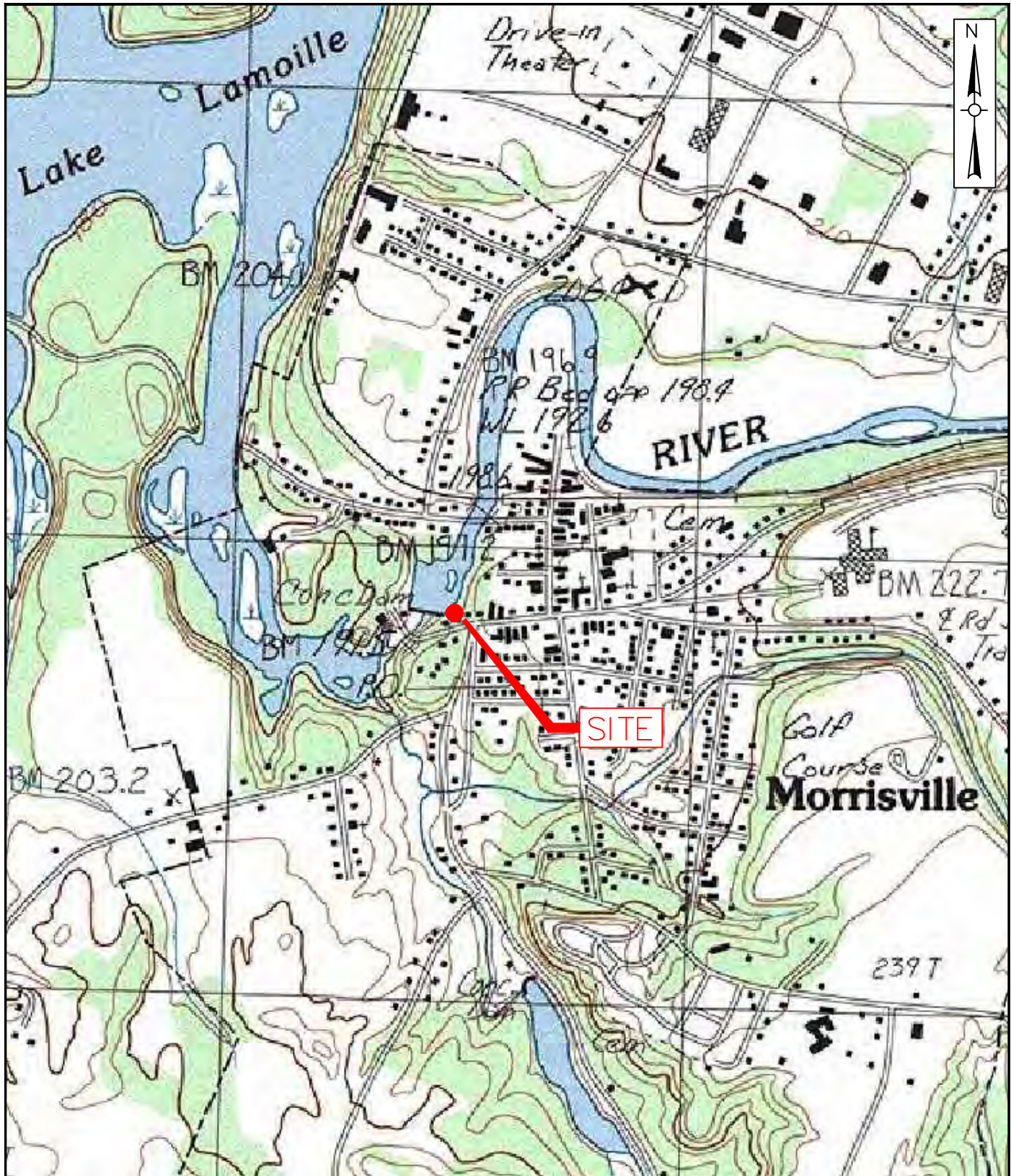
AAI	EPA All Appropriate Inquiries
AHERA	Asbestos Hazard Emergency Response Act
ANR	Agency of Natural Resources
AST	Aboveground Storage Tank
ASTM	American Society for Testing Materials
BG	Background
BGS	Below Ground Surface
CARB	California Air Resource Board
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COC	Chain-of-Custody
CPAI	Clay Point Associates, Inc.
DO	Dissolved Oxygen
DNAPL	Dense non aqueous-phase liquid
DQO	Data Quality Objectives
DRO	Diesel Range Organics
DUP	Duplicate
EDR	Environmental Data Resources, Inc.
EM	Electromagnetic Induction
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FD	Floor Drain
FID	Flame Ionization Detector
GC	Gas Chromatograph
GIS	Geographic Information Systems
GPS	Global Positioning Systems
GRO	Gasoline Range Organics
HASP	Health and Safety Plan
HCL	Hydrochloric Acid
HNO ₃	Nitric Acid
HREC	Historical Recognized Environmental Condition
H ₂ SO ₄	Sulfuric Acid
HUD	U.S. Department of Housing and Urban Development
LCS	Laboratory Control Sample
LBP	Lead-Based Paint
LEL	Lower Explosive Limit
LNAPL	Light non aqueous-phase liquid
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MS	Mass Spectrometer / Matrix Spike
MSD	Matrix Spike Duplicate
MW	Monitoring Well
NAPL	Non aqueous-phase liquid

NT	Not tested
O ₂	Oxygen
OHM	Oil and Hazardous Material
PAH	Polynuclear Aromatic Hydrocarbon
PARCCS	Precision, Accuracy, Representativeness, Comparability, Completeness and Sensitivity
PAT	Proficiency Analytical Testing Program
PEL	Permissible Exposure Limit
PCB	Polychlorinated Biphenyl
PCM	Phase Contrast Microscopy
PID	Photoionization Detector
PLM	Polarized Light Microscopy
PRG	EPA Region 9 Preliminary Remediation Goal
PUL	Precision Utility Location
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RF	Radio Frequency
RL	Reporting Limit
RPD	Relative Percent Difference
RSL	Regional Screening Level
SB	Soil Boring
SED	Sediment
SOP	Standard Operating Procedure
SS	Surficial Soil
S.U.	Standard Unit
TEM	Transmission Electron Microscopy
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons
TWA	Time Weighted Average
USGS	United States Geological Survey
UST	Underground Storage Tank
VGES	Vermont Groundwater Enforcement Standard
VOC	Volatile Organic Compound
VOSHA	Vermont Occupational Safety Health Administration
VTDEC	Vermont Department of Environmental Conservation
VTDOH	Vermont Department of Health
XRF	X-Ray Fluorescence Analyzer

UNITS

g	gram
kg	kilogram
ft	feet/foot
l	liter
mg	milligram
mg/l	milligrams-per liter or parts-per-million (liquid)
mg/kg	milligrams-per-kilogram or parts-per-million (solid)
ppm	parts-per-million
ppb	parts-per-billion
ppmv	parts-per-million volume (vapor)
sq	square
ug/l	micrograms-per liter or parts-per-billion (liquid)
ug/kg	micrograms-per-kilogram or parts-per-billion (solid)

Figures

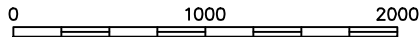


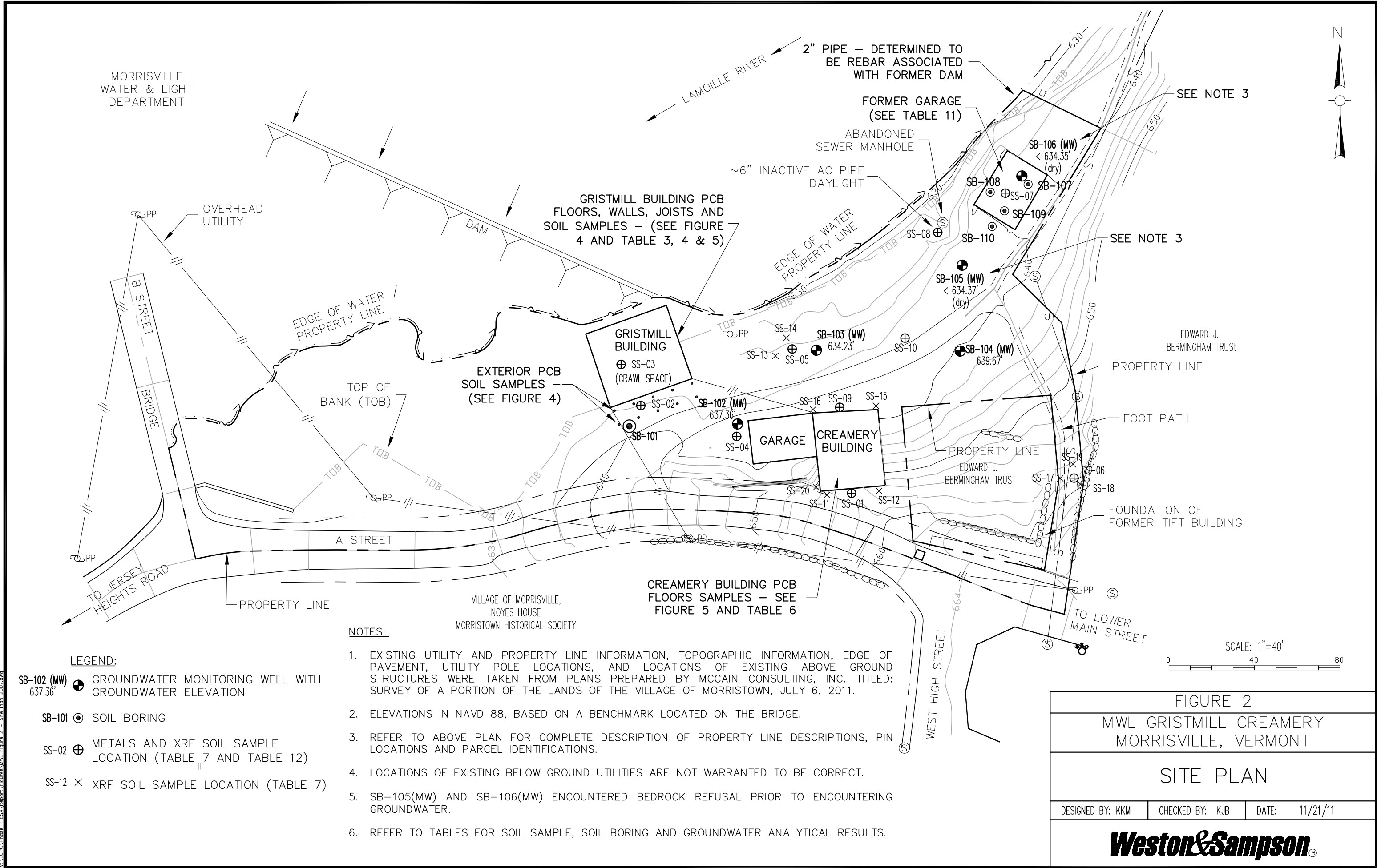
DATA SOURCES:

Printed from TOPO! (c) Wildflower
Productions, 1999, www.topo.com

FIGURE 1
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
SITE LOCUS MAP

SCALE: 1"=1000'





⊕ SOIL SAMPLE LOCATION – NORTH COUNTRY ENV. (2004)						
CONCENTRATION:	MG/KG					NA
LOCATION	TPH	HERB.	PCBs	LEAD	MERCURY	ASBESTOS
B-1: 0-1'	60	<0.1	<0.1	x	x	x
B-2: 0-1'	x	x	<0.1	46	0.33	x
B-3: 0-1'	43	<0.1	<0.1	17	<0.25	NEG.
B-4: 0-1'	81	x	<0.1	34	<0.25	x
B-5: 0-1'	140	x	<0.1	x	x	NEG.
B-6: 0-1'	900	<0.1	2.70	53	<0.25	x
B-7: 0-1'	x	x	0.80	x	x	x
B-8: 0-1'	x	x	0.20	x	x	x
B-9: 0-1'	1,500	<0.1	<0.1	68	<0.25	x

SOIL SAMPLE LOCATION JOHNSON CO. (2003)	
CONCENTRATION:	MG/KG
LOCATION	LEAD
BLDG 1 SOILS	40
BLDG 2 SOILS	490

NOTES:

1. THIS FIGURE, ORIGINALLY PROVIDED IN THE PHASE I ESA, IS ONLY INTENDED TO PROVIDE A GENERAL UNDERSTANDING OF HISTORICAL EXTERIOR SOIL SAMPLE LOCATIONS AND ANALYTICAL RESULTS.
2. REFER TO FIGURE 2 FOR ACCURATE SITE LAYOUT, NORTH ORIENTATION AND SCALE.

LAMOILLE RIVER

"FORMER GARAGE"
OR (BUILDING NO. 3
– FORD BUILDING)

MORRISVILLE
DAM

"GRISTMILL"
OR (BUILDING
NO. 1 – 56 A
STREET)

LOADING
DOCK

"CREAMERY"
OR (BUILDING
NO. 2 – 36 A
STREET)

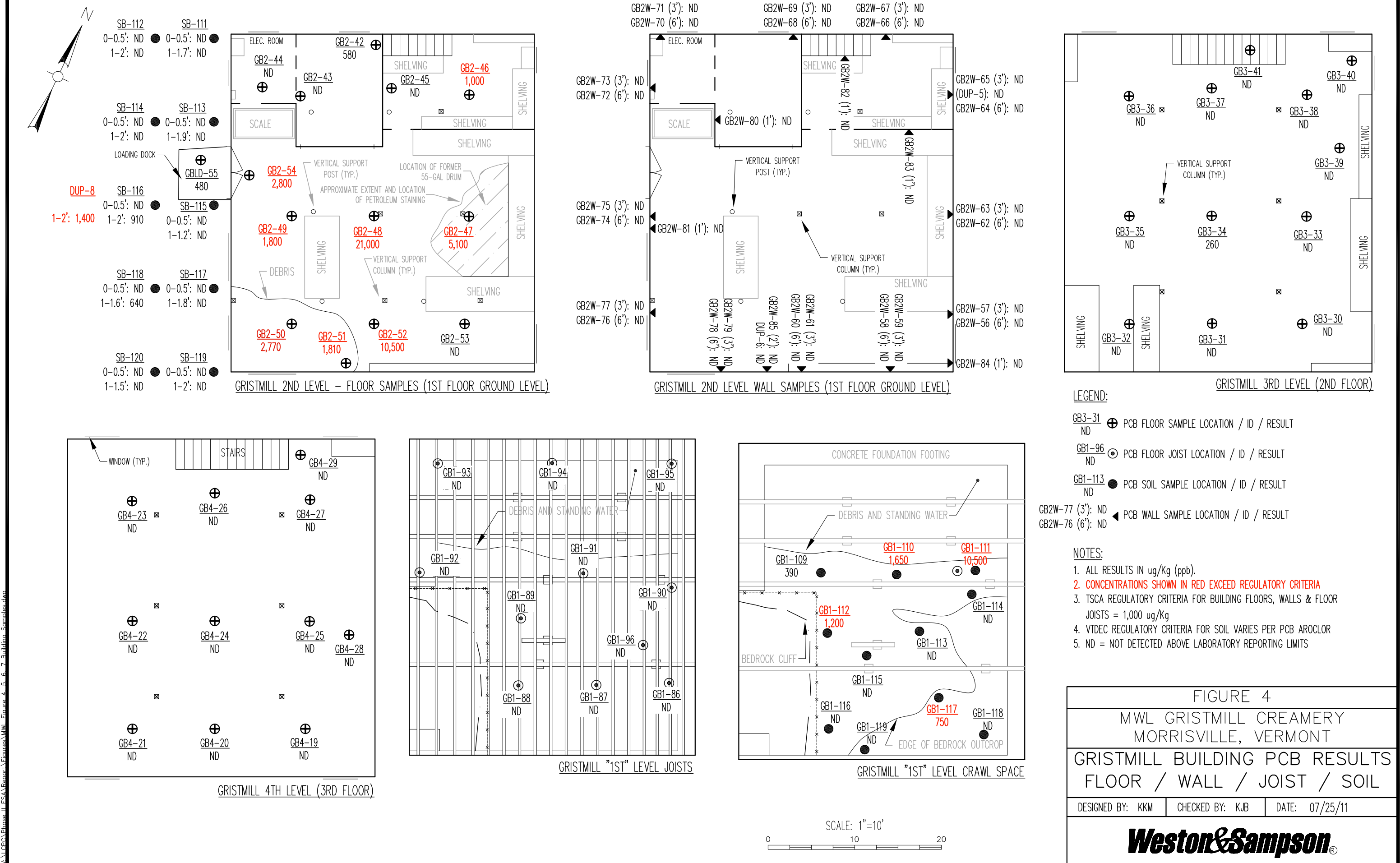
EDGE OF GRAVEL
DRIVE (TYP.)NOTES (FROM WSE PHASE I ESA):

1. SAMPLE LOCATIONS ARE APPROXIMATE.
2. SEE PHASE I ESA FOR COMPLETE JOHNSON CO. AND NORTH COUNTRY ENV. REPORTS.
3. FIVE PCB SOIL SAMPLES WERE COLLECTED BY EVERGREEN ENV. BENEATH THE GRISTMILL, ALL WERE NON-DETECT. HOWEVER, THERE IS INSUFFICIENT INFORMATION TO LOCATE THE APPROXIMATE SAMPLE LOCATIONS ON THIS PLAN.
4. TPH = TOTAL PETROLEUM HYDROCARBONS
5. HERB = HERBICIDES
6. PCBs = POLYCHLORINATED BIPHENYLS
7. X = NOT TESTED FOR

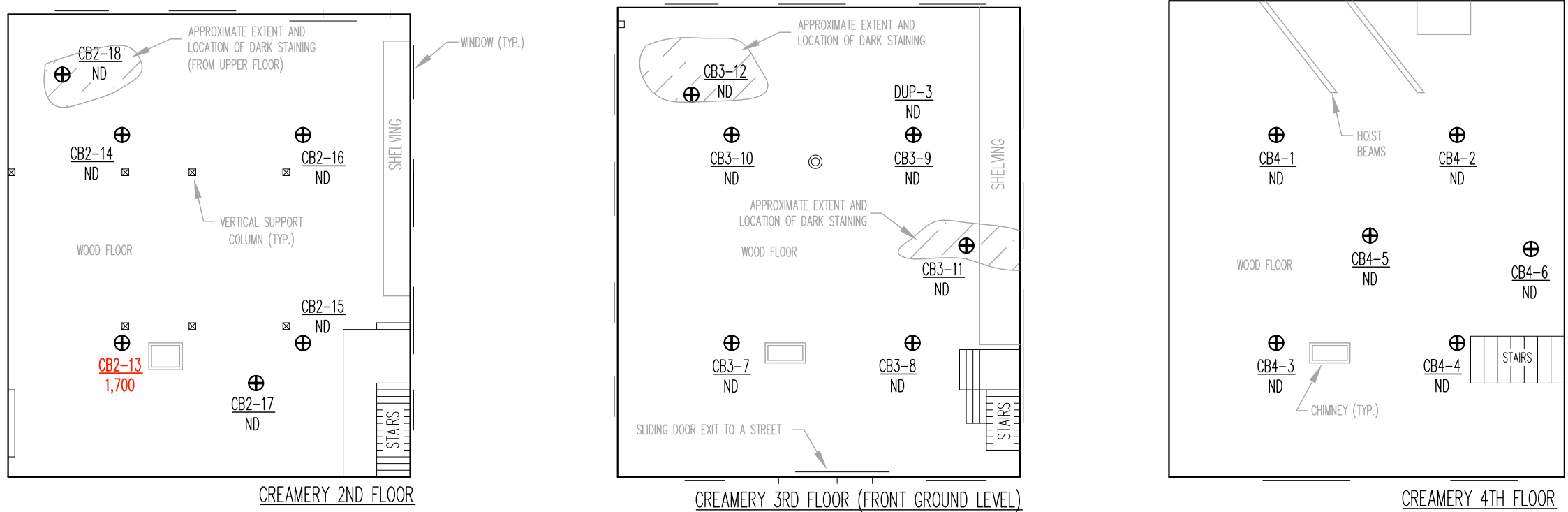
A STREET

PROPERTY LINES NOT SHOWN

FIGURE 3
MORRISVILLE, VERMONT
MORRISVILLE WATER & LIGHT GRISTMILL-CREAMERY
HISTORICAL DATA SITE PLAN
NOT TO SCALE



V:\GPR\Phase II ESA\Report\Figures\MWL Figure 4 5 6 7 Building Samples.dwg



LEGEND:

- GB3-31 ND ⊕ PCB FLOOR SAMPLE LOCATION / ID / RESULT
- GB1-96 ND ⊙ PCB FLOOR JOIST LOCATION / ID / RESULT

NOTES:

- ALL RESULTS IN ug/Kg (ppb).
- CONCENTRATIONS SHOWN IN RED EXCEED REGULATORY CRITERIA
- TSCA REGULATORY CRITERIA FOR BUILDING FLOORS, WALLS & FLOOR
JOISTS = 1,000 ug/Kg
- ND = NOT DETECTED ABOVE LABORATORY REPORTING LIMITS

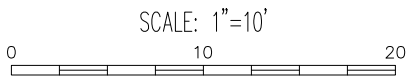
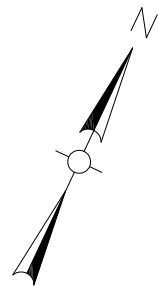
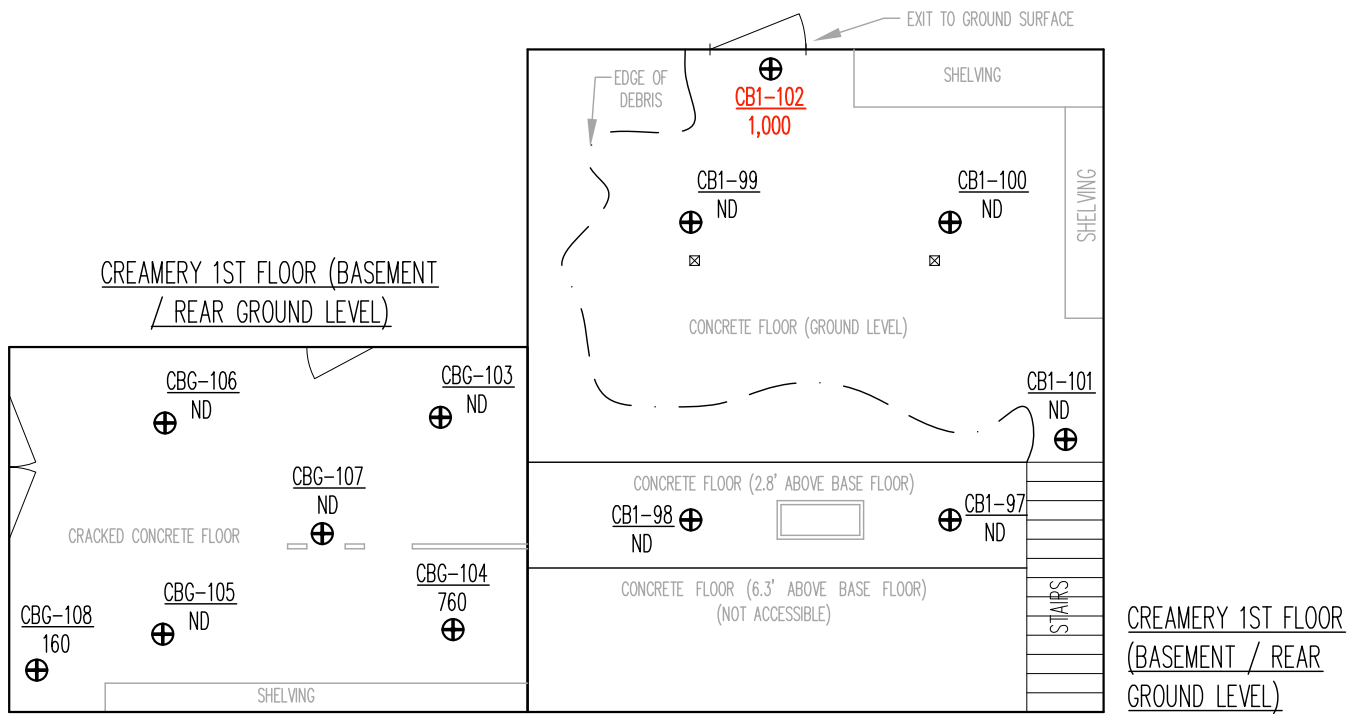
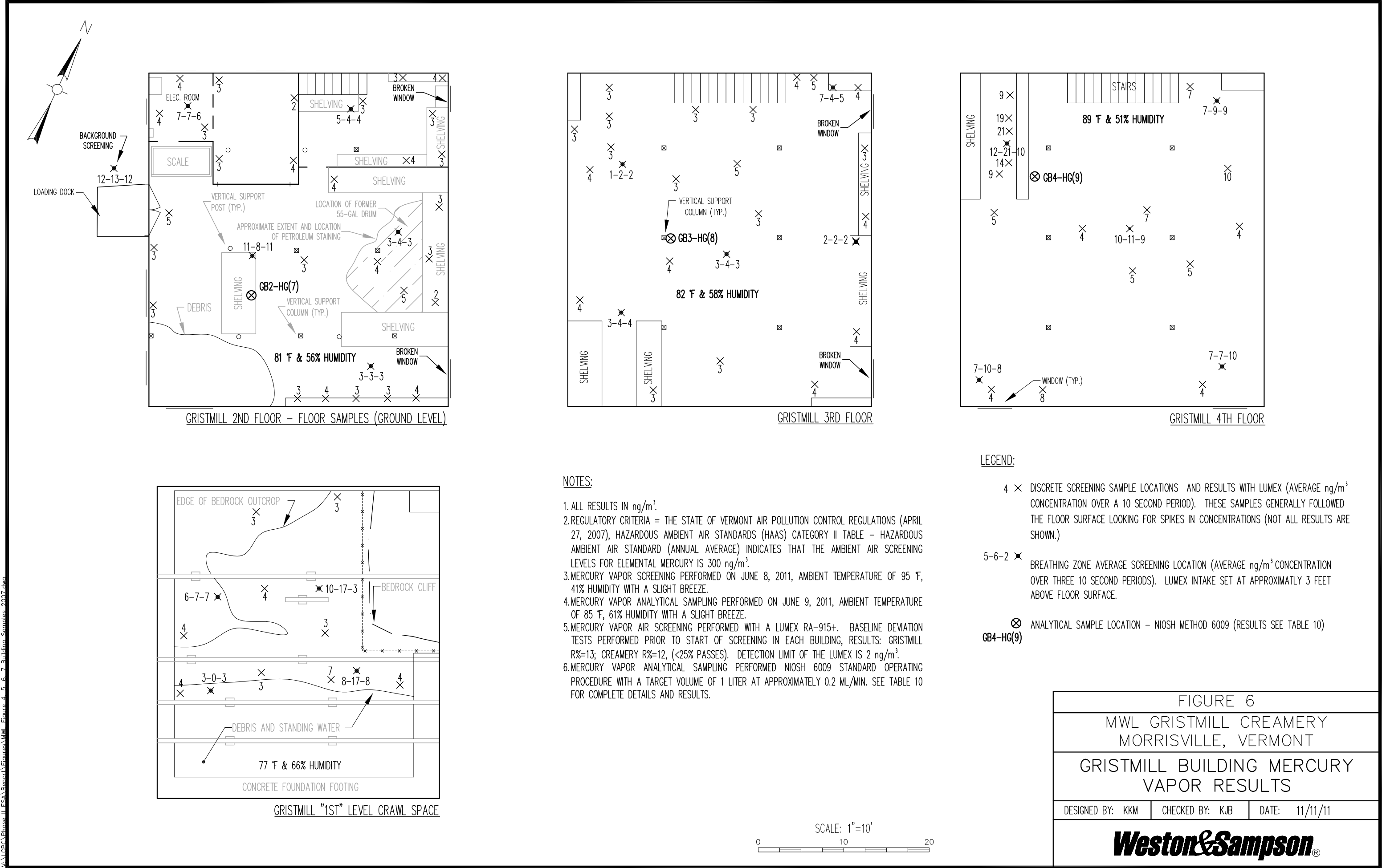
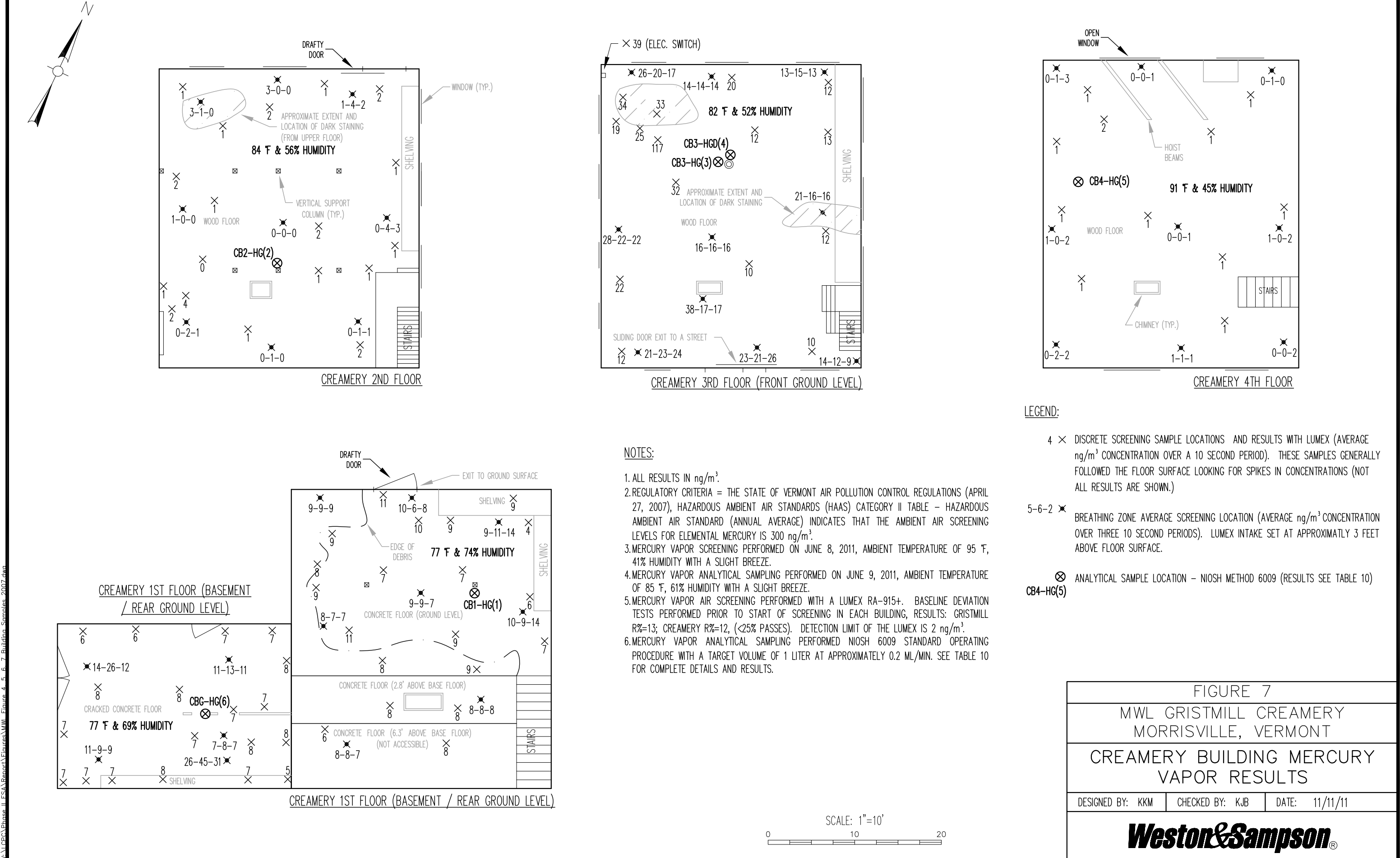


FIGURE 5		
MWL GRISTMILL CREAMERY MORRISVILLE, VERMONT		
CREAMERY BUILDING PCB FLOOR SAMPLE RESULTS		
DESIGNED BY: KKM	CHECKED BY: KJB	DATE: 07/25/11
Weston&Sampson®		





V:\CSA\Phase II ESA\Report\Figures\MWL Figure 4, 5, 6, 7 Building Samples 2007.dwg

Tables

Table 1

Soil Boring Analytical Results
MWL Gristmill-Creamery
Morrisville, Vermont

Sample ID:			SB- 101 (1.5-2.0')	SB-102 (0-0.9')	SB-103 (1.2-1.6')	SB-104 (1.3-1.6')	SB-105 (0.3-1.9')	SB-106 (4.7-6.5')	DUPLICATE-1	DUPLICATE-2	TRIP BLANK
Sample Collection Date:			5/19/2011	5/19/2011	5/19/2011	5/19/2011	5/20/2011	5/20/2011	5/19/2011	5/20/2011	5/19/2011
Analyte	EPA Regional Soil Screening Levels										
	Residential	Industrial									
Volatile Organic Compounds (VOCs) (ug/Kg)			Method 8260B								
Multiple	Various	Various	ND	ND	ND	ND	ND	ND	ND	NT	ND
Semi-Volatile Organic Compounds (SVOCs - PAHs) (ug/Kg)			Method 8270C								
Multiple	Various	Various	ND	ND	ND	ND	ND	ND	NT	ND	NT
Pyrene	1,700,000	17,000,000	< 5400	< 5800	< 16000	< 42000	34,000	< 5700	NT	980	NT
Polychlorinated Biphenyls (PCBs) (ug/Kg)			Method 8082 with Soxhlet Extraction								
PCB-1016	3,900	21,000	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1221	140	540	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1232	140	540	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1242	220	740	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1248	220	740	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1254	220	740	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1260	220	740	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1262	NA	NA	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
PCB-1268	NA	NA	< 110	< 110	< 320	< 170	< 110	< 110	NT	< 110	NT
Total PCBs	1000 ⁽⁸⁾		ND	ND	ND	ND	ND	ND	NT	ND	NT
Priority Pollutant 13 Metals (mg/Kg)			Method Metals by 6010B & Mercury by 7471A								
Antimony (Sb)	31	410	< 0.66	< 0.68	< 1.8	< 0.88	< 0.63	< 0.59	NT	< 0.58	NT
Arsenic (As)	0.39	1.6	6.2	6.9	10	4.6	9.1	5.6	NT	8.6	NT
Beryllium (Be)	160	2,000	< 0.26	< 0.27	< 0.73	< 0.35	< 0.25	< 0.23	NT	< 0.23	NT
Cadmium (Cd)	70	800	< 0.26	0.42	< 0.73	< 0.35	< 0.25	< 0.23	NT	< 0.23	NT
Chromium (Cr)	280	1,400	31	51	64	42	28	21	NT	33	NT
Copper (Cu)	3,100	41,000	57	55	17	22	34	9.6	NT	31	NT
Lead (Pb)	400	800	46	26	9.7	8.1	140	2.9	NT	100	NT
Nickel (Ni)	1,500	20,000	48	65	95	42	56	28	NT	57	NT
Selenium (Se)	390	5,100	< 0.66	< 0.68	< 1.8	1.3	< 0.63	< 0.59	NT	< 0.58	NT
Silver (Ag)	390	5,100	< 0.66	< 0.68	< 1.8	< 0.88	< 0.63	< 0.59	NT	< 1.2	NT
Thallium (TL)	5.1	66	< 1.3	< 1.4	< 3.7	< 1.8	< 1.3	< 1.2	NT	< 1.2	NT
Zinc (Zi)	23,000	310,000	72	56	64	63	100	18	NT	91	NT
Mercury (Hg)	4.3	24	< 0.081	< 0.086	< 0.19	< 0.099	0.56	< 0.079	NT	0.53	NT
GENERAL CHEMISTRY BY MOISTURE (%)											
Percent Moisture	NA	NA	8.2	13	70	41	13	12	13	10	NT
Percent Solids	NA	NA	92	87	30	59	87	88	87	90	NT

Notes:

- 1. mg/Kg - milligrams per kilogram
- 2. ug/Kg - micrograms per kilogram
- 3. Bold values indicate a detection above the method reporting limit
- 4. Highlighted values indicate an exceedence of the EPA Residential Regional Screening Levels (RSLs)
- 5. "ND" indicates the analyte was not detected above the method reportling limit
- 6. "NT" indicated the sample was not tested for that specific method
- 7. Toxic Substance Control Act (TSCA) limit for unrestricted activity

Table 2

Groundwater Analytical Results

MWL Gristmill-Creamery

Morrisville, Vermont

Sample ID			SB-102 (MW)	SB-103 (MW)	SB-104 (MW)	DUPLICATE-11
Sample Collection Date			6/9/2011	6/9/2011	6/9/2011	SB-102
Analyte	Vermont Groundwater Enforcement Standards (VGES)					
	Table 1	Table 2				
Volatile Organic Compounds (VOCs) (ug/L)			Method 8260B			
Multiple	Various	Various	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs - PAHs) (ug/Kg)			Method 8270C			
Multiple	Various	Various	ND	ND	ND	ND
Polychlorinated Biphenyls (PCBs) (ug/L)			Method 3510C and 8082A			
PCB-1016	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1221	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1232	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1242	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1248	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1254	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1260	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1262	--	--	< 0.23	< 0.23	< 0.23	< 0.23
PCB-1268	--	--	< 0.23	< 0.23	< 0.23	< 0.23
Total PCBs	0.5	0.25	ND	ND	ND	ND
Priority Pollutant 13 Metals (mg/L)			Method 6010B and 7471A			
Antimony	6	--	< 6.0	< 6.0	< 6.0	< 6.0
Arsenic	10	--	< 10	< 10	< 10	< 10
Beryllium	4	--	< 1.0	< 1.0	< 1.0	< 1.0
Cadmium	5	--	< 1.0	< 1.0	< 1.0	< 1.0
Chromium	100	--	< 5.0	< 5.0	< 5.0	< 5.0
Copper	1300	1000	< 10	< 10	< 10	< 10
Lead	15	--	< 5.0	< 5.0	< 5.0	< 5.0
Nickel	100	--	< 10	< 10	< 10	< 10
Selenium	50	--	< 10	< 10	< 10	< 10
Silver	--	100	< 5.0	< 5.0	< 5.0	< 5.0
Thallium	2	--	< 10	< 10	< 10	< 10
Zinc	--	5000	< 50	< 50	< 50	< 50
Mercury	2	--	< 0.20	< 0.20	< 0.20	< 0.20

Notes:

1. mg/L - milligrams per liter

2. ug/L - micrograms per liter

3. "ND" indicates the analyte was not detected above the reporting limit

V:\LCPC\Phase II ESA\Report\Tables\[Table 2 -- Groundwater Analytical Summary.xls]Groundwater Analytical

Table 3
Gristmill Building - PCB Floor Sample Analytical Results
MWL Gristmill-Creamery
Morrisville, Vermont

Gristmill Building Second Level (First Floor) Wood Floor Samples															
Sample ID:		GB2-42	GB2-43	GB2-44	GB2-45	GB2-46	GB2-47	GB2-48	GB2-49	GB2-50	GB2-51	GB2-52	GB2-53	GB2-54	GBLD-55
Sample Collection Date:		5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	(GB3-38) 5/25/2011
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction													
PCB-1016	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	< 220	< 1200	< 210	< 220	< 210
PCB-1221	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	< 220	< 1200	< 210	< 220	< 210
PCB-1232	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	< 220	< 1200	< 210	< 220	< 210
PCB-1242	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	< 220	< 1200	< 210	< 220	< 210
PCB-1248	NS	< 230	< 220	< 230	< 240	1,000	2,300	21,000	< 220	370	< 220	2,800	< 210	1,300	< 210
PCB-1254	NS	580	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	1,200	7,700	< 210	1,500	< 210
PCB-1260	NS	< 230	< 220	< 230	< 240	< 240	2,800	< 1100	1,800	< 220	610	< 1200	< 210	< 220	< 210
PCB-1262	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	< 220	< 220	< 1200	< 210	< 220	< 210
PCB-1268	NS	< 230	< 220	< 230	< 240	< 240	< 240	< 1100	< 220	2400	< 220	< 1200	< 210	< 220	< 210
Total PCBs:	1,000	580	ND	ND	ND	1,000	5,100	21,000	1,800	2,770	1,810	10,500	ND	2,800	ND

Gristmill Building Third Level (Second Floor) Wood Floor Sample													
Sample ID:		GB3-30	GB3-31	GB3-32	GB3-33	GB3-34	GB3-35	GB3-36	GB3-37	GB3-38	GB3-39	GB3-40	GB3-41
Sample Collection Date:		5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction											
PCB-1016	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1221	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1232	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1242	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1248	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1254	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1260	NS	< 230	< 220	< 210	< 220	260	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1262	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
PCB-1268	NS	< 230	< 220	< 210	< 220	< 220	< 220	< 220	< 220	< 220	< 220	< 230	< 200
Total PCBs:	1,000	ND	ND	ND	ND	260	ND	ND	ND	ND	ND	ND	ND

Gristmill Building Fourth Level (Third Floor - Attic Space) Wood Floor Samples												
Sample ID:		GB4-19	GB4-20	GB4-21	GB4-22	GB4-23	GB4-24	GB4-25	GB4-26	GB4-27	GB4-28	GB4-29
Sample Collection Date:		5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction										
PCB-1016	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1221	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1232	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1242	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1248	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1254	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1260	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1262	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
PCB-1268	NS	< 210	< 210	< 220	< 210	< 210	< 210	< 210	< 210	< 210	< 210	< 200
Total PCBs:	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

1. ug/kg - micrograms per kilogram (or parts-per-billion).
2. Bold values indicate a detection above the reporting limit
3. Shaded values indicate an exceedence of the Toxic Substance Control Act (TSCA) limit of 1,000 ug/Kg (or 1 mg/Kg or 1 ppm) for PCB in porous material.
4. "ND" indicates the analyte was not detected above the reporting limit
5. "NS" No Standard for individual aroclors in TSCA regulations.

Table 4

Gristmill Building - Soil PCB Sample Analytical Results
MWL Gristmill-Creamery
Morrisville, Vermont

Gristmill Building First Level (Crawl Space) Soil Boring Samples															
Sample ID:			GB1-109 (0-0.5')	GB1-110 (0-0.5')	GB1-111 (0-0.5')	GB1-112 (0-0.5')	GB1-113 (0-0.5')	GB1-114 (0-0.5')	GB1-115 (0-0.5')	GB1-116 (0-0.5')	GB1-117 (0-0.5')	GB1-118 (0-0.5')	GB1-119 (0-0.5')	DUPLICATE-9 (GB1-117)	
Sample Collection Date:			6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011	6/6/2011		
Aroclor	EPA Regional Soil Screening Levels		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction												
	Residential	Industrial													
	PCB-1016	3,900	21,000	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1221	140	540	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1232	140	540	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1242	220	740	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1248	220	740	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1254	220	740	< 140	< 120	< 880	< 160	< 130	< 140	< 150	< 120	750	< 130	< 120	< 100
	PCB-1260	220	740	< 140	< 120	9,300	1,200	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
	PCB-1262	NA	NA	210	1,000	< 880	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100
PCB-1268	NA	NA	180	650	1,200	< 160	< 130	< 140	< 150	< 120	< 110	< 130	< 120	< 100	
TOTAL PCBs:		1,000	1,000	390	1,650	10,500	1,200	ND	ND	ND	ND	750	ND	ND	ND

Hand Auger Soil Borings Along East Side of Gristmill Building												
Sample ID:		SB-111 (0-0.5')	SB-111 (1.0-2.0')	SB-112 (0-0.5')	SB-112 (1.0-2.0')	SB-113 (0-0.5')	SB-113 (1.0-2.0')	SB-114 (0-0.5')	SB-114 (1.0-2.0')	SB-115 (0-0.5')	SB-115 (1.0-2.0')	
Sample Collection Date:		5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	
Aroclor	EPA Regional Soil Screening Levels		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction									
	Residential	Industrial										
PCB-1016	3,900	21,000	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1221	140	540	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1232	140	540	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1242	220	740	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1248	220	740	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1254	220	740	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1260	220	740	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1262	NA	NA	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
PCB-1268	NA	NA	< 120	< 110	< 120	< 110	< 130	< 110	< 120	< 120	< 120	< 140
TOTAL PCBs:	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Hand Auger Soil Borings Along East Side of Gristmill Building (continued)														
Sample ID:			SB-116 (0-0.5')	SB-116 (1.0-2.0')	SB-117 (0-0.5')	SB-117 (1.0-2.0')	SB-118 (0-0.5')	SB-118 (1.0-2.0')	SB-119 (0-0.5')	SB-119 (1.0-2.0')	SB-120 (0-0.5')	SB-120 (1.0-2.0')	DUPLICATE-8	
Sample Collection Date:			5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	5/30/2011	SB-116 (1-2')	
Aroclor	EPA Regional Soil Screening Levels		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction											
	Residential	Industrial												
	PCB-1016	3,900	21,000	< 110	910	< 120	< 120	< 120	640	< 120	< 130	< 110	< 110	1,400
	PCB-1221	140	540	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1232	140	540	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1242	220	740	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1248	220	740	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1254	220	740	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1260	220	740	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
	PCB-1262	NA	NA	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100
PCB-1268	NA	NA	< 110	< 110	< 120	< 120	< 120	< 110	< 120	< 130	< 110	< 110	< 100	
TOTAL PCBs:		1,000	1,000	ND	910	ND	ND	ND	640	ND	ND	ND	ND	1,400

- Notes:
- 1. ug/kg - micrograms per kilogram (or parts-per-billion).
 - 2. Bold values indicate a detection above the reporting limit
 - 3. Shaded values indicate an exceedence of the Toxic Substance Control Act (TSCA) limit of 1,000 ug/Kg (or 1 mg/Kg or 1 ppm) for PCB in porous material.
 - 4. "ND" indicates the analyte was not detected above the reporting limit
 - 5. "NS" No Standard for individual aroclors in TSCA regulations.

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Table 5
Gristmill Building - Walls & Joists - PCB Sample Analytical Results
MWL Gristmill-Creamery
Morrisville, Vermont

Gristmill Building Second Level (First Floor) Wall Samples																	
Sample ID:		GB2W-56 (6')	GB2W-57 (3')	GB2W-58 (6')	GB2W-59 (3')	GB2W-60 (6')	GB2W-61 (3')	GB2W-62 (6')	GB2W-63 (3')	GB2W-64 (6')	GB2W-65 (3')	DUPLICATE-5	GB2W-66 (6')	GB2W-67 (3')	GB2W-68 (6')	GB2W-69 (3')	GB2W-70 (6')
Sample Collection Date:		5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	GB2W-65 (3')	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction															
PCB-1016	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1221	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1232	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1242	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1248	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1254	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1260	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1262	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
PCB-1268	NS	< 99	< 99	< 210	< 220	< 220	< 220	< 210	< 210	< 220	< 180	< 190	< 92	< 100	< 93	< 98	< 94
Total PCBs:	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Gristmill Building Second Level (First Floor) Wall Samples (continued)																	
Sample ID:		GB2W-71 (3')	GB2W-72 (6')	GB2W-73 (3')	GB2W-74 (6')	GB2W-75 (3')	GB2W-76 (6')	GB2W-77 (3')	GB2W-78 (6')	GB2W-79 (3')	GB2W-80 (1')	GB2W-81 (1')	GB2W-82 (1')	GB2W-83 (1')	GB2W-84 (1')	GB2W-85 (2')	DUPLICATE-6
Sample Collection Date:		5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	GB2W-85 (2')
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction															
PCB-1016	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1221	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1232	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1242	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1248	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1254	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1260	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1262	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
PCB-1268	NS	< 93	< 98	< 92	< 95	< 94	< 110	< 98	< 180	< 210	< 190	< 120	< 150	< 220	< 200	< 180	< 210
Total PCBs:	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Gristmill Building - First Floor Sub-Floor Support Joists Wood Samples												
Sample ID:		GB1-86	GB1-87	GB1-88	GB1-89	GB1-90	GB1-91	GB1-92	GB1-93	GB1-94	GB1-95	GB1-96
Sample Collection Date:		5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011	5/26/2011
Aroclor	TSCA Standard	Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction										
PCB-1016	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1221	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1232	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1242	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1248	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1254	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1260	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1262	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
PCB-1268	NS	< 150	< 160	< 150	< 120	< 150	< 160	< 150	< 120	< 150	< 160	< 160
Total PCBs:	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. ug/kg - micrograms per kilogram (or parts-per-billon).
2. Bold values indicate a detection above the reporting limit
3. Shaded values indicate an exceedence of the Toxic Substance Control Act (TSCA) limit of 1,000 ug/Kg (or 1 mg/Kg or 1 ppm) for PCB in porous material.
4. "ND" indicates the analyte was not detected above the reporting limit
5. "NS" No Standard for individual aroclors in TSCA regulations.

Table 6
Creamery Building - PCB Sample Analytical Results
MWL Gristmill-Creamery
Morrisville, Vermont

Creamery Building First Floor (Ground Level) Concrete PCB Samples								
Sample ID:		CB1-97	CB1-98	CB1-99	CB1-100	DUPLICATE-7	CB1-101	CB1-102
Sample Collection Date:		5/27/2011	5/27/2011	5/27/2011	5/27/2011	(CB1-100)	5/27/2011	5/27/2011
Aroclor TSCA Standard		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction						
PCB-1016	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1221	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1232	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1242	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1248	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1254	NS	< 190	< 190	< 92	< 93	< 94	< 93	1,000
PCB-1260	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1262	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
PCB-1268	NS	< 190	< 190	< 92	< 93	< 94	< 93	< 95
TOTAL PCBs:		1,000	ND	ND	ND	ND	ND	1,000

Creamery Building - Attached Garage Concrete PCB Samples							
Sample ID:		CBG-103	CBG-104	CBG-105	CBG-106	CBG-107	CBG-108
Sample Collection Date:		5/27/2011	5/27/2011	5/27/2011	5/27/2011	5/27/2011	5/27/2011
Aroclor TSCA Standard		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction					
PCB-1016	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1221	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1232	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1242	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1248	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1254	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1260	NS	< 92	760	< 96	< 94	< 95	160
PCB-1262	NS	< 92	< 98	< 96	< 94	< 95	< 98
PCB-1268	NS	< 92	< 98	< 96	< 94	< 95	< 98
TOTAL PCBs:		1,000	ND	760	ND	ND	160

Creamery Building - Second Floor PCB Wood Floor Samples							
Sample ID:		CB2-13	CB2-14	CB2-15	CB2-16	CB2-17	CB2-18
Sample Collection Date:		5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011
Aroclor TSCA Standard		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction					
PCB-1016	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1221	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1232	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1242	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1248	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1254	NS	1700	< 220	< 220	< 220	< 230	< 220
PCB-1260	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1262	NS	< 220	< 220	< 220	< 220	< 230	< 220
PCB-1268	NS	< 220	< 220	< 220	< 220	< 230	< 220
TOTAL PCBs:		1,000	1,700	ND	ND	ND	ND

		Creamery Building - Third Floor PCB Wood Floor Samples						
Sample ID:		CB3-7	CB3-8	CB3-9	DUPLICATE-3	CB3-10	CB3-11	CB3-12
Sample Collection Date:		5/23/2011	5/23/2011	5/23/2011	(CB3-9)	5/23/2011	5/23/2011	5/23/2011
Aroclor TSCA Standard		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction						
PCB-1016	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1221	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1232	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1242	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1248	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1254	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1260	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1262	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
PCB-1268	NS	< 220	< 220	< 210	< 220	< 210	< 210	< 220
TOTAL PCBs: 1,000		ND	ND	ND	ND	ND	ND	ND

Creamery Building - Fourth Floor PCB Wood Floor Samples							
Sample ID:		CB4-1	CB4-2	CB4-3	CB4-4	CB4-5	CB4-6
Sample Collection Date:		5/23/2011	5/23/2011	5/23/2011	5/23/2011	5/23/2011	5/23/2011
Aroclor TSCA Standard		Polychlorinated Biphenyls (PCBs) (ug/Kg) - Method 8082 with Soxhlet Extraction					
PCB-1016	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1221	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1232	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1242	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1248	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1254	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1260	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1262	NS	< 210	< 210	< 210	< 210	< 220	< 210
PCB-1268	NS	< 210	< 210	< 210	< 210	< 220	< 210
TOTAL PCBs:		1,000	ND	ND	ND	ND	ND

- Notes:
1. ug/kg - micrograms per kilogram (or parts-per-billion).
 2. Bold values indicate a detection above the reporting limit
 3. Shaded values indicate an exceedence of the Toxic Substance Control Act (TSCA) limit of 1,000 ug/Kg (or 1 mg/Kg or 1 ppm) for PCB in porous material.
 4. "ND" indicates the analyte was not detected above the reporting limit
 5. "NS" No Standard for individual arochlors in TSCA regulations.

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Table 7
Metals XRF Field Screening Results
MWL Gristmill-Creamery
Morrisville, Vermont

Priority Pollutant 13 Metal ⁽⁴⁾	Antimony (Sb)	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Lead (Pb)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Zinc (Zi)	Mercury (Hg)
EPA Residential Regional Screening Level (mg/Kg)	31	0.39	70	280	3,100	400	1,500	390	390	23,000	4.3
EPA Industrial Regional Screening Level (mg/Kg)	410	1.6	800	1,400	41,000	800	20,000	5,100	5,100	310,000	24
XRF Field Screening Locations											
GRISTMILL BUILDING - 3RD FLOOR (ATTIC SPACE)											
GB4-19	15	ND	ND	ND	8	28	ND	ND	ND	81	ND
GB4-20	21	19	ND	11	27	104	ND	ND	ND	1488	ND
GB4-21	19	30	ND	15	10	136	ND	ND	ND	623	ND
GB4-22	14	81	ND	8	20	349	ND	ND	ND	95	ND
GB4-22 (Duplicate Screening)	15	80	ND	ND	14	350	ND	ND	ND	100	ND
GB4-23	17	12	ND	6	ND	64	ND	ND	ND	119	ND
GB4-24	14	ND	ND	ND	ND	11	ND	ND	ND	209	ND
GB4-25	16	3	ND	14	19	31	ND	ND	ND	173	ND
GB4-26 (collected lab confirmation sample)	17	10	ND	6	38	60	ND	ND	ND	181	ND
GB4-27	18	ND	ND	ND	32	25	ND	ND	ND	102	ND
GB4-28	ND	7	ND	6	16	38	ND	ND	ND	221	ND
GB4-29	16	ND	ND	7	ND	14	ND	ND	ND	75	ND
GRISTMILL BUILDING - 2ND FLOOR											
GB3-30	19	ND	ND	ND	35	27	ND	ND	ND	221	ND
GB3-31	19	ND	ND	ND	18	13	ND	ND	ND	255	ND
GB3-31 (Duplicate Screening)	17	ND	ND	ND	20	15	ND	ND	ND	260	ND
GB3-32	ND	ND	ND	51	15	26	14	ND	ND	439	ND
GB3-33 (collected lab confirmation sample)	17	21	ND	ND	33	102	ND	ND	ND	234	ND
GB3-34	18	11	ND	11	108	66	ND	ND	ND	495	ND
GB3-35	17	13	ND	ND	38	65	ND	ND	ND	626	ND
GB3-36	23	ND	ND	10	34	41	ND	ND	ND	196	ND
GB3-37	20	7	ND	7	156	44	ND	ND	ND	189	ND
GB3-38	20	4	ND	6	71	31	ND	ND	ND	332	ND
GB3-39	13	10	ND	12	145	55	ND	ND	ND	395	ND
GB3-40	17	25	ND	19	248	107	20	ND	ND	587	ND
GB3-41	17	3	ND	ND	77	32	ND	ND	ND	291	ND
GRISTMILL BUILDING - 1ST FLOOR											
GB2-42	15	17	ND	ND	130	90	ND	ND	ND	473	ND
GB2-43 (collected lab confirmation sample)	16	72	ND	ND	331	444	13	ND	ND	775	ND
GB2-44	14	38	ND	23	332	482	31	ND	ND	1981	ND
GB2-45	26	55	ND	ND	228	537	19	ND	ND	267	ND
GB2-46	22	27	ND	58	730	610	85	ND	ND	1420	ND
GB2-46 (Duplicate Screening)	19	28	ND	50	714	601	92	ND	ND	1418	ND
GB2-47	22	14	ND	19	214	75	16	ND	ND	560	ND
GB2-48	12	9	ND	ND	227	65	ND	ND	ND	395	ND
GB2-49	16	11	ND	ND	258	57	ND	ND	ND	442	ND
GB2-50	15	7	ND	8	630	34	10	ND	ND	265	ND
GB2-51	21	298	ND	13	68	1,544	ND	ND	ND	10783	ND
GB2-52	17	92	ND	16	1239	487	13	ND	ND	7578	ND
GB2-53	19	ND	ND	ND	162	63	ND	ND	ND	544	ND
GB2-54	15	4	ND	ND	136	25	ND	ND	ND	591	ND
GBLD-55	16	342	ND	1870	442	23	ND	ND	ND	3137	ND
GRISTMILL BUILDING - CRAWL SPACE SOIL											
GB1-112	ND	10	12	21	24	78	ND	ND	ND	243	ND
GB1-113	ND	ND	15	35	39	134	17	ND	ND	212	ND
GB1-114	ND	40	ND	ND	186	256	226	ND	18	1148	ND
GB1-115	ND	ND	12	ND	17	69	ND	ND	ND	89	ND
GB1-116	ND	5	ND	44	23	19	ND	ND	ND	66	ND
GB1-117 (collected lab confirmation sample)	ND	17	16	ND	98	269	25	ND	16	223	7
GB1-118	ND	18	14	28	16	187	33	ND	ND	87	ND
GB1-119	ND	5	ND	29	14	28	25	ND	ND	89	ND
CREAMERY BUILDING - 4TH FLOOR											
CB4-1	12	14	ND	ND	29	56	ND	ND	ND	692	ND
CB4-2	ND	34	ND	ND	25	128	ND	ND	ND	677	ND
CB4-3	ND	57	ND	ND	47	84	ND	ND	ND	339	ND
CB4-4	21	37	ND	ND	20	58	ND	ND	ND	275	ND
CB4-4 (Duplicate Screening)	12	34	ND	ND	16	63	ND	ND	ND	275	ND
CB4-5 (collected lab confirmation sample)	14	14	ND	ND	6	39	ND	ND	ND	122	ND
CB4-6	14	16	ND	ND	185	76	ND	ND	ND	195	ND
CREAMERY BUILDING - 3RD FLOOR											
CB3-7	ND	9,160	115	106	251	67,089	57	ND	ND	11323	ND
CB3-8 (collected lab confirmation sample)	17	86	ND	14	44	377	ND	ND	ND	1748	ND
CB3-9	20	2,311	ND	44	195	13,507	ND	10	ND	6198	53
CB3-10	ND	8,676	129	108	143	62,904	63	ND	ND	12515	ND
CB3-11	15	ND	ND	15	230	328	ND	ND	ND	366	ND
CB3-12 (collected lab confirmation sample)	ND	5,039	ND	66	170	28,714	ND	ND	ND	3413	97
CB3-12 (Duplicate Screening)	ND	5,092	ND	79	169	28,908	28	ND	ND	3421	91
CREAMERY BUILDING - 2ND FLOOR											
CB2-13	16	6	ND	11	6	44	ND	ND	ND	185	ND
CB2-14	11	3	ND	ND	ND	24	ND	ND	ND	107	ND
CB2-15	22	7	ND	6	ND	42	ND	ND	ND	152	ND
CB2-16 (collected lab confirmation sample)	15	ND	ND	ND	ND	14	ND	ND	ND	66	ND
CB2-17	18	23	ND	ND	39	112	ND	ND	ND	395	ND
CB2-18	ND	152	ND	196	233	979	42	ND	ND	1644	ND
CB2-18 (Duplicate)	16	83	ND	51	167	433	33	ND	ND	1481	ND
CB2-18 (Duplicate)	17	80	ND	54	172	431	37	ND	ND	1481	ND
CREAMERY BUILDING - 1ST FLOOR & ATTACHED GARAGE CONCRETE SURFACE SCREENING											
CB1-97	ND	7	ND	ND	ND	68	ND	ND	ND	37	ND
CB1-98	ND	8	ND	ND	ND	37	ND	ND	21	37	ND
CB1-99	ND	5	ND	ND	13	14	ND	ND	ND	ND	ND
CB1-100	ND	ND	ND	ND	96	29	ND	ND	ND	ND	ND
CB1-101	ND	15	ND	33	184	104	ND	ND	ND	163	ND
CB1-102	ND	6	ND	ND	20	19	ND	ND	ND	ND	ND
CBG-103	ND	8	ND	72	16	38	28	ND	ND	59	ND
CBG-104	ND	8	ND	61	ND	20	56	ND	ND	55	ND
CBG-105	29	5	ND	80	ND	14	106	ND	ND	41	10
CBG-106	ND	12	ND	35	ND	88	39	ND	ND	46	ND
CBG-107	ND	8	ND	43	30	72	36	ND	ND	50	ND
CBG-108	ND	9	ND	72	ND	11	68	ND	ND	46	ND
SURFACE SOIL FIELD SCREENINGS											
SS-01	ND	83	ND	52	54	899	26	ND	10	1125	ND
SS-02	ND	4	ND	21	13	9	ND	ND	11	38	ND
SS-03	ND	ND	17	53	47	99	24	ND	ND	121	ND
SS-04	ND	11	17	36	45	22	ND	ND	38	121	ND
SS-05	ND	27	19	100	81	209	29	ND	19	690	ND
SS-06	ND	11	23	34	25	174	16	ND	ND	179	ND
SS-07	ND	8	ND	238	32	65	69	ND	ND	82	ND
SS-08	ND	6	ND	107	28	52	35	ND	11	98	ND
SS-09	ND	47	18	291	810	1,071	28	ND	39	762	ND
SS-10	ND	12	20	39	42	55	26	ND	13	87	6
SS-11	ND	106	25	70	70	1,138	ND	ND	18	1004	ND
SS-12	ND	60	17	42	68	945	29	ND	ND	645	ND
SS-13	ND	11	16	22	44	222	25	ND	ND	576	ND
SS-14	ND	64	ND	45	57	829	41	ND	ND	1087	ND
SS-15	31	127	15	43	148	2,371	30	ND	32	1988	ND
SS-16	ND	69	26	42	87	841	32	ND	29	1190	ND
SS-17	ND	37	14	45	58	583	52	ND	ND	933	ND
SS-18	ND	9	16	57	25	136	23	ND	ND	90	ND
SS-19	ND	48	14	32	29	793	61	ND	ND	589	ND
SS-20	ND	15	24	79	42	190	60	ND	40	473	9

Notes:
1. Shaded values in bold indicate an exceedence of the EPA Residential Regional Screening Levels
2. Field screening results obtained from calibrated Innov-X Delta XRF hand held unit
3. XRF field screening taken from surface measurement of building materials as opposed to top 1/2" depth composite for lab samples.
4. Beryllium and thallium are not detected with the Delta XRF.

Table 8

Gristmill & Creamery Buildings - Metals Analytical Results
 MWL Gristmill-Creamery
 Morrisville, Vermont

			Gristmill Building Metals Analytical Summary				Creamery Building Metals Analytical Summary				
	Sample ID:		GB1-117	GB2-43	GB3-33	GB4-26	CB2-16	CB3-8	CB3-12	CB4-5	DUPLICATE-12
	Sample Collection Date:		6/7/2011	6/7/2011	6/7/2011	6/7/2011	6/7/2011	6/7/2011	6/7/2011	6/7/2011	CB2-16
	EPA Residential Screening Levels	EPA Industrial Screening Levels	Crawl Space Soil	1st Floor - Wood	2nd Floor - Wood	3rd Floor - Wood	2nd Floor - Wood	3rd Floor - Wood	3rd Floor - Wood	4th Floor - Wood	2nd Floor - Wood
Priority Pollutant 13 Metals by 6010B and 7471A (mg/Kg)											
Antimony (Sb)	31	410	< 2.8	< 0.64	1.4	< 0.57	< 0.56	< 0.60	< 0.62	< 0.60	< 0.61
Arsenic (As)	0.39	1.6	7.6	< 1.3	< 1.3	< 1.1	< 1.1	4.0	2.1	26	< 1.2
Beryllium (Be)	160	2,000	< 1.1	< 0.26	< 0.26	< 0.23	< 0.23	< 0.24	< 0.25	< 0.24	< 0.24
Cadmium (Cd)	70	800	< 1.1	2.6	1.5	0.89	< 0.23	1.3	2.6	< 0.24	1.9
Chromium (Cr)	280	1,400	27	0.64	< 0.66	< 0.57	< 0.56	0.7	0.91	< 0.60	< 0.61
Copper (Cu)	3,100	41,000	42	45	16	5.8	4.6	10	17	9.9	24
Lead (Pb)	400	800	95	120	75	18	7.8	120	2,700	22	63
Nickel (Ni)	1,500	20,000	35	< 1.3	< 1.3	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2
Selenium (Se)	390	5100	< 2.8	< 0.64	< 0.66	< 0.57	< 0.56	< 0.60	< 0.62	< 0.60	< 0.61
Silver (Ag)	390	5100	< 2.8	< 0.64	< 0.66	< 0.57	< 0.56	< 0.60	< 0.62	< 0.60	< 0.61
Thallium (TL)	5.1	66	< 5.6	< 1.3	< 1.3	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2
Zinc (Zi)	23,000	310,000	140	130	160	34	25	500	1,000	60	74
Mercury (Hg)	4.3	24	1.2	< 0.10	< 0.097	< 0.091	< 0.079	0.16	0.45	< 0.087	< 0.10

Notes:

1. mg/Kg - milligrams per kilogram
2. Bold values indicate a detection above the reporting limit
3. Shaded cell indicates an exceedence of the EPA Residential Regional Screening Levels (RSLs)

Table 9
QA/QC FIELD AND LAB DATA COMPARABILITY SUMMARY
Metals Analysis - Surface Soil
MWL Gristmill-Creamery Site
Morrisville, Vermont

SS-01			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.62	
Arsenic (As)	83	11.0	153.2%
Cadmium (Cd)	ND	1.3	
Chromium (Cr)	52	32.0	47.6%
Copper (Cu)	54	32.0	51.2%
Lead (Pb)	899	620.0	36.7%
Nickel (Ni)	26	41.0	44.8%
Selenium (Se)	ND	< 0.62	
Silver (Ag)	10	< 0.62	
Zinc (Zn)	1,125	440.0	87.5%
Mercury (Hg)	ND	0.1	

SS-02			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.60	
Arsenic (As)	4	6.9	53.2%
Cadmium (Cd)	ND	< 0.24	
Chromium (Cr)	21	8.7	82.8%
Copper (Cu)	13	19.0	37.5%
Lead (Pb)	9	8.1	10.5%
Nickel (Ni)	ND	17.0	
Selenium (Se)	ND	< 0.60	
Silver (Ag)	11	< 0.60	
Zinc (Zn)	38	96.0	86.6%
Mercury (Hg)	ND	< 0.099	

SS-03			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.65	
Arsenic (As)	ND	5.9	
Cadmium (Cd)	17	0.3	192.2%
Chromium (Cr)	53	21.0	86.5%
Copper (Cu)	47	34.0	32.1%
Lead (Pb)	99	67.0	38.6%
Nickel (Ni)	24	39.0	47.6%
Selenium (Se)	ND	< 0.65	
Silver (Ag)	ND	< 0.65	
Zinc (Zn)	121	99.0	20.0%
Mercury (Hg)	ND	0.6	

SS-04			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.75	
Arsenic (As)	11	4.7	80.3%
Cadmium (Cd)	17	< 0.30	
Chromium (Cr)	36	7.5	131.0%
Copper (Cu)	45	19.0	81.3%
Lead (Pb)	22	10.0	75.0%
Nickel (Ni)	ND	16.0	
Selenium (Se)	ND	< 0.75	
Silver (Ag)	38	< 0.75	
Zinc (Zn)	121	69.0	54.7%
Mercury (Hg)	ND	< 0.091	

SS-05			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.63	
Arsenic (As)	27	8.2	106.8%
Cadmium (Cd)	19	1.0	180.8%
Chromium (Cr)	100	36.0	94.1%
Copper (Cu)	81	54.0	40.0%
Lead (Pb)	209	250.0	17.9%
Nickel (Ni)	29	42.0	36.6%
Selenium (Se)	ND	< 0.63	
Silver (Ag)	19	< 0.63	
Zinc (Zn)	690	520.0	28.1%
Mercury (Hg)	ND	0.1	

SS-06			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.71	--
Arsenic (As)	11	7.1	43.1%
Cadmium (Cd)	23	< 0.29	
Chromium (Cr)	34	24.0	34.5%
Copper (Cu)	25	21.0	17.4%
Lead (Pb)	174	150.0	14.8%
Nickel (Ni)	16	44.0	93.3%
Selenium (Se)	ND	< 0.71	
Silver (Ag)	ND	< 0.71	
Zinc (Zn)	179	120.0	39.5%
Mercury (Hg)	ND	< 0.097	

SS-07			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.55	
Arsenic (As)	8	11.0	31.6%
Cadmium (Cd)	ND	0.2	
Chromium (Cr)	238	44.0	137.6%
Copper (Cu)	32	26.0	20.7%
Lead (Pb)	65	43.0	40.7%
Nickel (Ni)	69	71.0	2.9%
Selenium (Se)	ND	< 0.55	
Silver (Ag)	ND	< 0.55	
Zinc (Zn)	82	75.0	8.9%
Mercury (Hg)	ND	< 0.099	

SS-08			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.57	
Arsenic (As)	6	14.0	80.0%
Cadmium (Cd)	ND	0.3	
Chromium (Cr)	107	24.0	126.7%
Copper (Cu)	28	59.0	71.3%
Lead (Pb)	52	68.0	26.7%
Nickel (Ni)	35	35.0	0.0%
Selenium (Se)	ND	< 0.57	
Silver (Ag)	11	< 0.57	
Zinc (Zn)	98	110.0	11.5%
Mercury (Hg)	ND	1.4	

SS-09			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	0.7	
Arsenic (As)	47	7.9	142.4%
Cadmium (Cd)	18	1.9	161.8%
Chromium (Cr)	291	29.0	163.8%
Copper (Cu)	810	520.0	43.6%
Lead (Pb)	1,071	930.0	14.1%
Nickel (Ni)	28	34.0	19.4%
Selenium (Se)	ND	< 0.63	
Silver (Ag)	39	< 0.63	
Zinc (Zn)	762	400.0	62.3%
Mercury (Hg)	ND	0.5	

SS-10			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.66	
Arsenic (As)	12	5.4	75.9%
Cadmium (Cd)	20	< 0.26	
Chromium (Cr)	39	11.0	112.0%
Copper (Cu)	42	23.0	58.5%
Lead (Pb)	55	43.0	24.5%
Nickel (Ni)	26	18.0	36.4%
Selenium (Se)	ND	< 0.66	
Silver (Ag)	13	< 0.66	
Zinc (Zn)	87	56.0	43.4%
Mercury (Hg)	6	< 0.10	

QA/QC FIELD AND LAB DATA COMPARABILITY SUMMARY
Metals Analysis - Wood Cores
MWL Gristmill-Creamery Site
Morrisville, Vermont

Duplicate SS-10			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.57	
Arsenic (As)	12	7.0	52.6%
Cadmium (Cd)	20	< 0.23	
Chromium (Cr)	39	11.0	112.0%
Copper (Cu)	42	19.0	75.4%
Lead (Pb)	55	27.0	68.3%
Nickel (Ni)	26	16.0	47.6%
Selenium (Se)	ND	< 0.57	
Silver (Ag)	13	< 0.57	
Zinc (Zn)	87	88.0	1.1%
Mercury (Hg)	6	< 0.099	

GB4-26			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	17	< 0.57	
Arsenic (As)	10	< 1.1	
Cadmium (Cd)	ND	0.9	
Chromium (Cr)	6	< 0.57	
Copper (Cu)	38	5.8	147.0%
Lead (Pb)	60	18.0	107.7%
Nickel (Ni)	ND	< 1.1	
Selenium (Se)	ND	< 0.57	
Silver (Ag)	ND	< 0.57	
Zinc (Zn)	181	34.0	136.7%
Mercury (Hg)	ND	< 0.091	

GB3-33			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	17	1.4	169.6%
Arsenic (As)	21	< 1.3	
Cadmium (Cd)	ND	1.5	
Chromium (Cr)	ND	< 0.66	
Copper (Cu)	33	16.0	69.4%
Lead (Pb)	102	75.0	30.5%
Nickel (Ni)	ND	< 1.3	
Selenium (Se)	ND	< 0.66	
Silver (Ag)	ND	< 0.66	
Zinc (Zn)	234	160.0	37.6%
Mercury (Hg)	ND	< 0.097	

GB2-43			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	16	< 0.64	
Arsenic (As)	72	1.3	
Cadmium (Cd)	ND	2.6	
Chromium (Cr)	ND	0.6	
Copper (Cu)	331	45.0	152.1%
Lead (Pb)	444	120.0	114.9%
Nickel (Ni)	13	< 1.3	
Selenium (Se)	ND	< 0.64	
Silver (Ag)	ND	< 0.64	
Zinc (Zn)	775	130.0	142.5%
Mercury (Hg)	ND	< 0.10	

GB1-117			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 2.8	
Arsenic (As)	17	7.6	76.4%
Cadmium (Cd)	16	< 1.1	
Chromium (Cr)	ND	27.0	
Copper (Cu)	98	42.0	80.0%
Lead (Pb)	269	95.0	95.6%
Nickel (Ni)	25	35.0	33.3%
Selenium (Se)	ND	< 2.8	
Silver (Ag)	16	< 2.8	
Zinc (Zn)	223	140.0	45.7%
Mercury (Hg)	7	1.2	141.5%

CB4-5			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	14	< 0.60	
Arsenic (As)	14	26.0	60.0%
Cadmium (Cd)	ND	< 0.24	
Chromium (Cr)	ND	< 0.60	
Copper (Cu)	6	9.9	49.1%
Lead (Pb)	39	22.0	55.7%
Nickel (Ni)	ND	< 1.2	
Selenium (Se)	ND	< 0.60	
Silver (Ag)	ND	< 0.60	
Zinc (Zn)	122	60.0	68.1%
Mercury (Hg)	ND	< 0.087	

CB3-12			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.62	--
Arsenic (As)	5,039	2.1	199.8%
Cadmium (Cd)	ND	2.6	
Chromium (Cr)	66	0.9	
Copper (Cu)	170	17.0	
Lead (Pb)	28,714	2700.0	165.6%
Nickel (Ni)	ND	< 1.2	
Selenium (Se)	ND	< 0.62	
Silver (Ag)	ND	< 0.62	
Zinc (Zn)	3,413	1000.0	
Mercury (Hg)	97	0.5	198.2%

DUPLICATE CB3-12			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	ND	< 0.61	
Arsenic (As)	5,092	< 1.2	
Cadmium (Cd)	ND	1.9	
Chromium (Cr)	79	< 0.61	
Copper (Cu)	169	24.0	150.3%
Lead (Pb)	28,908	63.0	199.1%
Nickel (Ni)	28	< 1.2	
Selenium (Se)	ND	< 0.61	
Silver (Ag)	ND	< 0.61	
Zinc (Zn)	3,421	74.0	191.5%
Mercury (Hg)	91	< 0.10	

CB3-8			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	17	< 0.60	
Arsenic (As)	86	4.0	182.2%
Cadmium (Cd)	ND	1.3	
Chromium (Cr)	14	0.7	
Copper (Cu)	44	10.0	
Lead (Pb)	377	120.0	103.4%
Nickel (Ni)	ND	< 1.2	
Selenium (Se)	ND	< 0.60	
Silver (Ag)	ND	< 0.60	
Zinc (Zn)	1,748	500.0	
Mercury (Hg)	ND	0.2	

CB2-16			
Parameter	XRF Data	Lab Data	RPD
Antimony (Sb)	15	< 0.56	
Arsenic (As)	ND	< 1.1	
Cadmium (Cd)	ND	< 0.23	
Chromium (Cr)	ND	< 0.56	
Copper (Cu)	ND	4.6	
Lead (Pb)	14	7.8	56.9%
Nickel (Ni)	ND	< 1.1	
Selenium (Se)	ND	< 0.56	
Silver (Ag)	ND	< 0.56	
Zinc (Zn)	66	25.0	90.1%
Mercury (Hg)	ND	< 0.079	

Notes:
1. Relative percent difference (RPD) calculation of field and lab data. Concentration in mg/kg or parts-per-million. %Diff= ABS((A-B)/((A+B)/2))

Table 10

Mercury Vapor Field Measurements and Analytical Results

111 L Gristmill Creamery

Morrisville, Vermont

	Creamery Building						Gristmill Building			QA/QC	
Sample ID:	CB1-HG (1)	CB2-HG (2)	CB3-HG (3)	CB3-HGD (4)	CB4-HG (5)	CBG-HG (6)	GB2-HG (7)	GB3-HG (8)	GB4-HG (9)	Background HG (10)	Blank
Location:	1st Floor	2nd Floor	3rd Floor	3rd Floor	4th Floor	Garage	2nd Level*	3rd Level	4th Level	Outside	NA
Sample Collection Date:	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	6/9/2011	NA
Sample Collection Data											
Start Time:	9:36	9:35	9:07	9:14	9:19	8:27	8:14	8:31	8:27	8:38	NA
Finish Time:	16:33	16:10	15:58	16:09	16:10	15:43	14:01	15:37	15:35	15:33	NA
Total Elapsed Time (min):	417	396	416	415	415	411	318	429	427	414	NA
Average Flow Rate (m L/min):	0.2408	0.2413	0.2409	0.2393	0.2433	0.2408	0.2384	0.2383	0.2406	0.2404	NA
Average Temp. (°F):	78	83	80	80	84	79	80	81	84	84	NA
Average % Humidity:	64%	63%	67%	66%	65%	64%	63%	68%	68%	67%	NA
Analytical Results - Mercury by NIOSH Method 6009 (Modified)											
Sample Air Volume (L):	100.33	99.96	97.82	99.93	100.28	99.89	99.83	99.71	102.76	99.56	0
Sorbent tube concentration (ug Hg), Total:	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225	< 0.0225
Volume corrected total Hg ug/m ³ :	< 0.224	< 0.225	< 0.230	< 0.225	< 0.224	< 0.225	< 0.225	< 0.226	< 0.219	< 0.226	NA

Notes:

1. The 2nd level of the Gristmill Building for sample ID purposes is the first floor. No Hg vapor sample was collected from the "1st Level" crawlspace of the Gristmill.
2. Each sample was collected from the "breathing" zone, 3 to 4 feet above floor surface.
3. See Figures 6 and 7 for sample collection locations.
4. State of Vermont Air Pollution Control Regulations, April 2007, Hazardous Ambient Air Standards (HAAS) Category II Table - Mercury: 0.30 ug/m³
4. Hg vapor samples collected in general conformance with the "Attachment 1 - Sampling Protocol for Mercury Contamination within a Residential Home, prepared by the Illinois Department of Health, USEPA Region 5 and the Agency for Toxic Substances and Diseases Registry (ATSDR)."

V:\CPC\Phase II ESA\ReportTables\Table 10 -- Mercury Vapor Results.xls\SoilV0Cs

Table 11

Former Garage - Soil Boring Analytical Results
 MWL Gristmill-Creamery
 Morrisville, Vermont

Sample ID:			SB-106 (4.7-6.5')	SB-107 (2.0-2.5')	SB-108 (2.0-2.5')	SB-109 (2.0-2.5')	SB-110 (0-0.5')	SB-110 (2.0-2.5')
Sample Collection Date:			5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Analyte	EPA Regional Soil Screening Levels		(within footprint of Former Garage)	(within footprint of Former Garage)	(within footprint of Former Garage)	(within footprint of Former Garage)	(outside footprint of Former Garage)	(outside footprint of Former Garage)
	Residential	Industrial						
Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO)			Method 8015B (mg/Kg)					
DRO [C10-C28]	NA	NA	NT	43	30	70	39	4.8
TPH (C9-C36)	200 ⁽⁹⁾	1000 ⁽⁹⁾	NT	82	71	120	140	16
Polychlorinated Biphenyles (PCBs) (ug/Kg)			Method 8082 with Soxhlet Extraction (ug/Kg)					
PCB-1016	3900	21000	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1221	140	540	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1232	140	540	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1242	220	740	< 110	< 110	< 120	170	< 99	< 99
PCB-1248	220	740	< 110	< 110	< 120	< 99	250	< 99
PCB-1254	220	740	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1260	220	740	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1262	NA	NA	< 110	< 110	< 120	< 99	< 99	< 99
PCB-1268	NA	NA	< 110	< 110	< 120	< 99	< 99	< 99
Total PCBs	1000 ⁽⁸⁾		ND	ND	ND	170	250	ND

Notes:

1. mg/Kg - milligrams per kilogram
2. ug/Kg - micrograms per kilogram
3. Refer to Table 1 for additional analytical methods associated with the SB-106(4.7-6.5') sample.
4. Bold values indicate a detection above the reporting limit
5. Highlighted values indicate an exceedence of the EPA Residential Regional Screening Levels (RSLs)
6. "ND" indicates the analyte was not detected above the method reporting limit
7. "NT" indicated the sample was not tested for that specific method
8. Toxic Substance Control Act (TSCA) limit for unrestricted activity
9. TPH Standard = 200 mg/kg Vermont Agency of Natural resources Guideline for Petroleum Contaminated Soil and Debris (Aug. 1996).

V:\LCPC\Phase II ESA\Report\Tables\[Table 11 -- Former Garage.xls]Soil Boring Analytical

Table 12

Exterior Site Soils - Metals Analytical Results
 MWL Gristmill-Creamery
 Morrisville, Vermont

Surface Soil (0-3") Metals Analytical Summary													
	Sampe ID:		SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07	SS-08	SS-09	SS-10	DUPLICATE-10
	Sample Collection Date:		6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	6/8/2011	SS-02
	EPA Residential Screening Levels	EPA Industrial Screening Levels											
Priority Pollutant 13 Metals by 6010B and 7471A (mg/Kg)													
Antimony (Sb)	31	410	< 0.62	< 0.60	< 0.65	< 0.75	< 0.63	< 0.71	< 0.55	< 0.57	0.74	< 0.66	< 0.57
Arsenic (As)	0.39	1.6	11	6.9	5.9	4.7	8.2	7.1	11	14	7.9	5.4	7
Beryllium (Be)	160	2,000	< 0.25	< 0.24	< 0.26	< 0.30	< 0.25	< 0.29	< 0.22	< 0.23	< 0.25	< 0.26	< 0.23
Cadmium (Cd)	70	800	1.3	< 0.24	0.34	< 0.30	0.96	< 0.29	0.22	0.34	1.9	< 0.26	< 0.23
Chromium (Cr)	280	1,400	32	8.7	21	7.5	36	24	44	24	29	11	11
Copper (Cu)	3,100	41,000	32	19	34	19	54	21	26	59	520	23	19
Lead (Pb)	400	800	620	8.1	67	10	250	150	43	68	930	43	27
Nickel (Ni)	1,500	20,000	41	17	39	16	42	44	71	35	34	18	16
Selenium (Se)	390	5100	< 0.62	< 0.60	< 0.65	< 0.75	< 0.63	< 0.71	< 0.55	< 0.57	< 0.63	< 0.66	< 0.57
Silver (Ag)	390	5100	< 0.62	< 0.60	< 0.65	< 0.75	< 0.63	< 0.71	< 0.55	< 0.57	< 0.63	< 0.66	< 0.57
Thallium (Tl)	5.1	66	< 1.2	< 1.2	< 1.3	< 1.5	< 1.3	< 1.4	< 1.1	< 1.1	< 1.3	< 1.3	< 1.1
Zinc (Zn)	23,000	310,000	440	96	99	69	520	120	75	110	400	56	88
Mercury (Hg)	4.3	24	0.13	< 0.099	0.59	< 0.091	0.13	< 0.097	< 0.099	1.4	0.5	< 0.10	< 0.099

Notes:

1. mg/Kg - milligrams per kilogram
2. Bold values indicate a detection above the reporting limit
3. Shaded cell indicates an exceedence of the EPA Residential Regional Screening Levels (RSLs)

Table 13
QA / QC Analytical Lab Summary
Test America Data
 MWL Gristmill-Creamery
 Morrisville, Vermont

Test America Laboratory Analytical Data

Sample ID's	Lot #	Parameter	Surrogates	Blank Contamination	LCS
Groundwater Analytical Data					
SB-102 Through SB-106	360-34412-1	PPL 13 Metals	acceptable	acceptable	acceptable
		PCBs	acceptable	acceptable	acceptable
		VOCs	acceptable	acceptable	acceptable
		SVOCs (PAHs)	acceptable	acceptable	acceptable
Subsurface Soil Boring Analytical Data					
SB-102 Through SB-106	360-33949-1 360-34412-1	PPL 13 Metals	acceptable	acceptable	acceptable
		PCBs	acceptable	acceptable	acceptable
		VOCs	acceptable	acceptable	acceptable
		SVOCs (PAHs)	acceptable	acceptable	acceptable
Gristmill Building and Creamery Building PCB Material					
All CB and GB Building PCB Locations	360-34015-1 360-34016-1 360-34102-1 360-34103-1 360-34104-1	PCBs	acceptable	acceptable	acceptable
Gristmill Building PCB Soil Analytical Data					
GB1-109 Through GB1-120 & SB-111 Through SB-120	360-34196 360-34261-1	PCBs	acceptable	acceptable	acceptable
Confirmatory Metals Analytical Data					
SS-01 Through SS-10 & Building Wood Floor Locations	360-34412-1	PPL 13 Metals	acceptable	acceptable	acceptable
Mercury Vapor Analytical Data					
All Creamery Building and Gristmill Building Hg Sample Locs	360-34424-1	NIOSH 6009	acceptable	acceptable	acceptable

V:\LCPC\Phase II ESA\Report\Tables\Table 13 -- QA/QC Data Evaluation.xls\Gable GW QA

NOTES:

1. The data QA/QC has been evaluated and in some cases the actual lab data may be qualified in the analytical report, but for the purpose of this study if the qualifier is deemed not significant then the data is reported as acceptable.

Appendix A

Site Photographs

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**

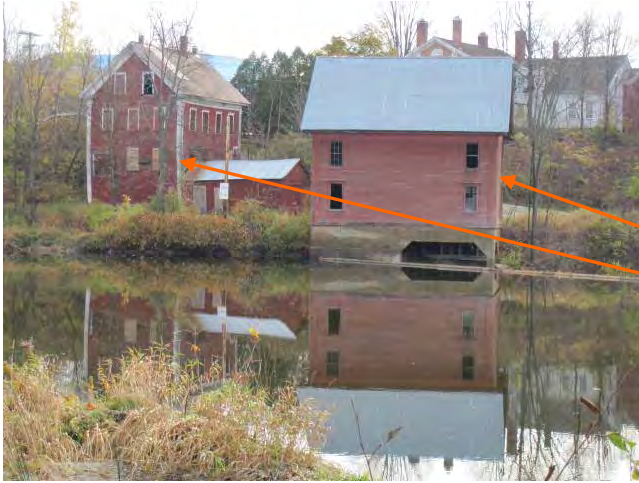


Photo #1

Site
Gristmill Building
Creamery Building



Photo #2

Gristmill and Morrisville Dam
A Street



Photo #3

Site
Gristmill Building
Creamery Building
Gravel Drive

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #4

**Gristmill Building
56 A Street**



Photo #5

**Creamery Building
36 A Street**



Photo #6

Former Garage

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #7

2nd Floor
Gristmill Building
56 A Street



Photo #8

Crawl Space
Gristmill Building
56 A Street



Photo #9

Garage
Creamery Building
36 A Street

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #10
Attic
Creamery Building
36 A Street



Photo #11
First Floor
Creamery Building
36 A Street



Photo #12
Basement
Creamery Building
36 A Street

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #13

Former Garage Foundation
Lamoille River



Photo #14

Photo Documentation of PCB
Floor Sample Location
Tag Identifier



Photo #15

Soil Boring / Monitoring Well Installation
SB-102 (MW) Location

**Morrisville Water & Light Gristmill-Creamery
Morrisville, Vermont**



Photo #16

Typical Soil Type -
Sand and Gravel



Photo #17

Crawl Space
Gristmill Building
GB1-117 Sample Location

Appendix B

Soil Boring / Monitoring Well Logs

Weston & Sampson ENGINEERS, INC.					<u>PROJECT</u> Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-101 SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM	
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan					LOCATION: See Site Plan GROUND ELEV.: 638.1 PVC ELEV.: NA		DATE START: 5/19/2011 DATE END: 5/19/2011	
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: GUARD: CAP:					WELL DEPTH: NA BORING DEPTH: 3.9' to refusal SCREEN INTERVAL: NA RISER INTERVAL: NA SUMP INTERVAL: NA		DEPTH TO WATER: NA DEPTH TO NAPL: NA	
DEPTH (feet)	No.	RECOVERY (ft)	SAMPLE DEPTH (ft)		PID/(ppmv)	SAMPLE DESCRIPTION Burmister Classification	WELL PROFILE	LEGEND
		3.2'	Refusal @ 3.9' bgs					
0					0.1	M-C brown SAND with some sub-rounded gravel, loose, dry		SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL
0.9					0.2	Coarse SAND and med. sub-rounded gravel, loose, damp		
1.9					0.4	SAND with fractured schisty rock; hard drilling		
2.2					0.1	Coarse SAND and small sub-rounded/sub-angular gravel, some fractured rock, moist, medium dense.		
3.0					0.3	Coarse red/orange and brown SAND and large sub-rounded gravel, moist		
3.2						Refusal at 3.9' bgs		
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS		REMARKS:	
BLOWS/FT	DENSITY		BLOWS/FT	DENSITY				
0-4	V. LOOSE		0-2	V. SOFT	TRACE	0-10%	*Collected SB-101 (1.5-2.0) @ 0945 *Sample interval was based on apparent groundwater elevation - Sample within capillary fringe	
4-10	LOOSE		2-4	SOFT	LITTLE	10-20%		
10-30	M. DENSE		4-8	M. STIFF	SOME	20-35%		
30-50	DENSE		8-15	STIFF	AND	35-50%		
> 50	V. DENSE		15-30	V. STIFF				
			> 30	HARD				
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.								

Weston & Sampson ENGINEERS, INC.				PROJECT Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-102 (MW) SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM		
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan				LOCATION: See Site Plan GROUND ELEV.: 637.93' PVC ELEV.: 638.05'		DATE START: 5/19/2011 DATE END: 5/19/2011		
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: 1" Sched. 40 PVC GUARD: Aluminum road box in concrete CAP: Slip Cap				WELL DEPTH: 12' BORING DEPTH: 12.3' SCREEN INTERVAL: 2-12' RISER INTERVAL: 2' SUMP INTERVAL: 3"		DEPTH TO WATER: ±0.5' btoc DEPTH TO NAPL: NA		
CORE DEPTH (ft)	SAMPLE				SAMPLE DESCRIPTION Burmister Classification	WELL PROFILE	LEGEND	
	Core Interval	RECOVERY (ft)	DEPTH (ft bgs)					PID/(ppmv)
0			Refusal @ 12.5' bgs				SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL	
4	0-0.9'	0.9'	0'	0.9'	0.8'			Coarse SAND, brown/dark brown, loose, wet, large sub-rounded gravel from 0.5-0.7' and thin layer of very dark brown fine sand @ 0.7'
8	0-0.8'	0.8'	4.0'	4.8'	0.4'			Coarse SAND, dark brown, some medium sub-angular/sub-rounded gravel, loose, wet
12	NA	0'	NA	NA	NA			No Recovery - water washed out sample from MacroCore
12.5		0.5'	12.0'	12.5'	0.6'			Refusal on bedrock @ 12.5' bgs. Coarse SAND (backfill) and fractured rock in drive shoe.
								Well Construction Notes: 12.3' Total depth with 3" casing; 4" stainless tip; 10' screen section with 3" sump; 2' riser; filter sand to 1.5' bgs and bentonite plug to 0.2' bgs. Surface water throughout area, built up concrete.
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS	REMARKS:		
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY					
0-4	V. LOOSE	0-2	V. SOFT	TRACE	0-10%	*Collected SB-102 (0-0.9') @ 1043 *Collected Duplicate Sample for VOC analyses		
4-10	LOOSE	2-4	SOFT	LITTLE	10-20%			
10-30	M. DENSE	4-8	M. STIFF	SOME	20-35%			
30-50	DENSE	8-15	STIFF	AND	35-50%			
> 50	V. DENSE	15-30	V. STIFF					
		> 30	HARD					
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.								

Weston & Sampson ENGINEERS, INC.						PROJECT Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-103 (MW) SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM	
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan						LOCATION: See Site Plan GROUND ELEV.: 637.93' PVC ELEV.: 637.38'		DATE START: 5/19/2011 DATE END: 5/19/2011	
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: 1" Sched. 40 PVC GUARD: Aluminum road box in concrete CAP: Slip Cap						WELL DEPTH: 8.8' BORING DEPTH: 9.1' SCREEN INTERVAL: 2 - 7' RISER INTERVAL: 1.8' SUMP INTERVAL: 3"		DEPTH TO WATER: ±3.15 btoc DEPTH TO NAPL: NA	
CORE DEPTH (ft)	SAMPLE				SAMPLE DESCRIPTION Burmister Classification	WELL PROFILE	LEGEND		
	Core Interval	RECOVERY (ft)	DEPTH (ft bgs)					PID/(ppmv)	
0			Refusal @ 9.1' bgs						
4	0-0.4'	2.6'	0'	0.4'	0.4'		SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL		
	0.4-1.0'		0.4'	1.0'	1'			Loamy SAND (topsoil) with grass and roots, V. loose, damp V. fine to medium SAND, dark brown, with some round / sub-rounded gravel, medium dense	
	1.0-2.6'		1.0'	2.6'	3.6'			M-C SAND with some M-L sub-rounded / sub-angular gravel, dark brown, M. dense, wet @ ~1.2' in recovery core. Fine SAND, dense, gray from 2.2-2.4' in core	
8	0-1.2'	1.6'	4'	5.2'	1.0'			Fine SAND, Dk. Brown, V. dense, moist	
	1.2-1.6'		5.2'	5.6'	0.4'	Silty fine SAND, brown and gray, dense, few wood pieces, damp			
9	0-0.3'	1.0'	8'	8.3'	1.0'	Decomposed wood, loose, wet			
	0.3-0.7'		8.3'	8.7'	0.2'	Silty fine SAND, dark gray to black, V. dense			
	0.7-1.0'		8.7'	9.0'	0.1'	Silty fine SAND, Gray to orange/brown, V. dense, damp to moist, Refusal @ 9.1' bgs			
						Well Construction Notes: 9.1' Total depth with 3" casing including the 4" stainless tip; 7' screen section with 3" sump; 1.8' riser; filter sand to 1.0' bgs and bent plug to 0.2' bgs.			
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS		REMARKS:		
BLOWS/FT	DENSITY		BLOWS/FT	DENSITY					
0-4	V. LOOSE		0-2	V. SOFT	TRACE	0-10%	*Collected SB-103 (1.2-1.6') @ 1400		
4-10	LOOSE		2-4	SOFT	LITTLE	10-20%			
10-30	M. DENSE		4-8	M. STIFF	SOME	20-35%			
30-50	DENSE		8-15	STIFF	AND	35-50%			
> 50	V. DENSE		15-30	V. STIFF					
			> 30	HARD					
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.									

Weston & Sampson ENGINEERS, INC.					PROJECT Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-104 (MW) SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM	
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan					LOCATION: See Site Plan GROUND ELEV.: 640.07' PVC ELEV.: 640.07'		DATE START: 5/19/2011 DATE END: 5/20/2011	
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: 1" Sched. 40 PVC GUARD: Aluminum road box in concrete CAP: Slip Cap					WELL DEPTH: 8.2' BORING DEPTH: 8.5' SCREEN INTERVAL: 5.0' RISER INTERVAL: 3.1' SUMP INTERVAL: 3"		DEPTH TO WATER: ±0.5' btoc DEPTH TO NAPL: NA	
CORE DEPTH (ft)	SAMPLE				SAMPLE DESCRIPTION Burmister Classification	WELL PROFILE	LEGEND	
	Core Interval	RECOVERY (ft)	DEPTH (ft bgs)					PID/(ppmv)
0			Refusal @ 10.1' bgs				SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL	
	0-0.5'		0'	0.5'	0.5			M-C brown SAND with trace gravel, grass and roots, loose, wet
	0.5-1.3'	1.6'	0.5'	1.3'	0.5			V. fine to fine SAND, dark gray, V. dense, one large sub-angular gravel piece, moist
4	1.3-1.6'		1.3'	1.6'	1.3			Loamy black SAND with decomposing wood pieces, loose, wet
8	0-0.4'	0.4'	4'	4.4'	0.5			F-M SAND with trace silt, gray, medium dense, wet, wood at bottom of core
	0-0.6'		8'	8.6'	0.9			Medium loamy SAND, dark brown, pieces of wood, loose, wet
	0.6-1.1'	1.5'	8.6'	9.1'	0.7			Fine silty SAND, dense, moist
10	1.1-1.5'		9.1'	9.5'	0.3			Brown fine SAND with fractured bedrock in drive shoe, refusal at 10.1' bgs
								Well Construction Notes: Refusal @ only 8.5' bgs with 3" casing (not 10.1') and surface water in widespread; 4" stainless tip; 5' screened section; 3" sump; 3.1' riser; filter sand to 2.5' bgs with bent. Plug to 0.2' due to abundant surface water.
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS	REMARKS:		
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY					
0-4	V. LOOSE	0-2	V. SOFT	TRACE	0-10%	*Collected SB-104 (1.3-1.6') @ 1630		
4-10	LOOSE	2-4	SOFT	LITTLE	10-20%			
10-30	M. DENSE	4-8	M. STIFF	SOME	20-35%			
30-50	DENSE	8-15	STIFF	AND	35-50%			
> 50	V. DENSE	15-30	V. STIFF					
		> 30	HARD					
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.								

Weston & Sampson ENGINEERS, INC.				<u>PROJECT</u> Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-105 (MW) SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM		
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan				LOCATION: See Site Plan GROUND ELEV.: 639.17' PVC ELEV.: 638.97'		DATE START: 5/20/2011 DATE END: 5/20/2011		
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: 1" Sched. 40 PVC GUARD: Aluminum road box in concrete CAP: Slip Cap				WELL DEPTH: 4.3' BORING DEPTH: 4.6' SCREEN INTERVAL: 1 - 4.6' RISER INTERVAL: 1.0' SUMP INTERVAL: 3"		DEPTH TO WATER: DRY DEPTH TO NAPL: NA		
CORE DEPTH (ft)	SAMPLE				SAMPLE DESCRIPTION		WELL PROFILE	LEGEND
	Core Interval	RECOVERY (ft)	DEPTH (ft bgs)		PID/(ppmv)	Burmister Classification		
0			Refusal @ 5.2' bgs					
4	0-0.3'	1.9'	0'	0.3'	0.4	Dark brown loamy SAND with organics; loose; dry		SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL
	0.3-1.9'		0.3'	1.9'	0.4	M-C SAND with some sub-rounded medium gravel, light brown to dark brown, loose then medium dense @ 1.4', damp/moist @ 1.8'		
5	0-0.5'	0.9'	4'	4.5'	1.0	M-C SAND with some sub-rounded medium gravel, light brown to dark brown, medium dense, damp		
	0.5-0.9'		4.5'	4.6'	1.0	F-M SAND, brown, dense, wet, fractured rock in drive show, refusal on bedrock @ 5.2' bgs		
						Well Construction Notes: 4.6' Total depth with 3" casing; 4" stainless tip; 3.5' screen section with 3" sump; 1' riser; filter sand to 0.9' bgs and bent plug to 0.1' bgs.		
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS		REMARKS:	
BLOWS/FT	DENSITY		BLOWS/FT	DENSITY				
0-4	V. LOOSE		0-2	V. SOFT	TRACE	0-10%	*Collected SB-105 (0.3-1.9') @ 1150	
4-10	LOOSE		2-4	SOFT	LITTLE	10-20%		
10-30	M. DENSE		4-8	M. STIFF	SOME	20-35%		
30-50	DENSE		8-15	STIFF	AND	35-50%		
> 50	V. DENSE		15-30	V. STIFF				
			> 30	HARD				
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.								

Weston & Sampson ENGINEERS, INC.					PROJECT Morrisville Water and Light Gristmill-Creamery Morrisville, Vermont		Boring/Well No.: SB-106 (MW) SHEET: 1 OF 1 Project No.: 21100637 C CHKD BY: KKM	
BORING Co.: Enpro Services, Inc. FOREMAN: Bob Briggs, Jr. WSE SCIENTIST: Shawn Donovan					LOCATION: See Site Plan GROUND ELEV.: 640.42' PVC ELEV.: 640.25'		DATE START: 5/20/2011 DATE END: 5/20/2011	
METHOD: Power Probe 9600 Direct Push MATERIALS: 4' MacroCore WELL MATERIALS: 1" Sched. 40 PVC GUARD: Aluminum road box in concrete CAP: Slip Cap					WELL DEPTH: 5.9' BORING DEPTH: 6.2' SCREEN INTERVAL: 3.5' RISER INTERVAL: 2.4' SUMP INTERVAL: 3"		DEPTH TO WATER: DRY DEPTH TO NAPL: NA	
CORE DEPTH (ft)	SAMPLE				SAMPLE DESCRIPTION Burmister Classification	WELL PROFILE	LEGEND	
	Core Interval	RECOVERY (ft)	DEPTH (ft bgs)					PID/(ppmv)
0								
4	0-0.1'	1.3'	0'	0.1'	0.1		SAND FILTER CEMENT GROUT NATIVE BACKFILL BENTONITE SEAL WELL SCREEN RISER PIPE WATER LEVEL NA NOT APPLICABLE REFUSAL	
	0.1-1.2'		0.1'	1.2'	0.1			
	1.2-1.3'		1.2'	1.3'	0.7			
7	0-0.7'	2.7	4'	4.7'	0.2	Loamy SAND, brown, loose, dry Med. SAND and sub-rounded gravel, brown, loose, damp / wet @ ~ 1.0' bgs, V. fine sand with few sub-rounded gravel, dark brown, dense, moist Fine SAND with few medium gravel, dark brown to orange, loose, damp F-M SAND, brown to dark brown, dense, moist, wet @ ~1.5' (in core recovery), fractured bedrock in drive shoe (2.5-2.7' fractured rock), wet		
	0.7-2.5'		4.7'	6.5'	1.1			
	2.5-2.7'		6.5'	6.7'	1.1			
GRANULAR SOILS			COHESIVE SOILS		PROPORTIONS	REMARKS:		
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY					
0-4	V. LOOSE	0-2	V. SOFT	TRACE	0-10%	*Collected SB-106 (4.7-6.5') @ 1250		
4-10	LOOSE	2-4	SOFT	LITTLE	10-20%			
10-30	M. DENSE	4-8	M. STIFF	SOME	20-35%			
30-50	DENSE	8-15	STIFF	AND	35-50%			
> 50	V. DENSE	15-30	V. STIFF					
		> 30	HARD					
NOTES: 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE FOLLOWING WELL COMPLETION. 3) FIELD SCREENING USING PID CALIBRATED TO A 100 PPMV ISOBUTYLENE STANDARD.								

Appendix C

Laboratory Analytical Data

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-33949-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/07/2011 03:26:11 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Job ID: 360-33949-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/21/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6), DUPLICATE-1 (360-33949-7) and TRIP BLANK (360-33949-14) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared and analyzed on 06/03/2011.

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), DUPLICATE-1 (360-33949-7) and TRIP BLANK (360-33949-14) were analyzed outside of holding time due to laboratory error.

1,2,4-Trimethylbenzene failed the recovery criteria high for LCS 360-74712/1-A and LCSD 360-74712/2-A. Refer to the QC report for details.

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6) and DUPLICATE-2 (360-33949-8) were analyzed for semivolatile organic compounds (GC-MS) in accordance with SW846 8270C. The samples were prepared on 06/01/2011 and 06/03/2011 and analyzed on 06/03/2011 and 06/04/2011.

Nitrobenzene-d5 failed the surrogate recovery criteria low for SB-102 (0-0.9') (360-33949-2) and SB-104 (1.3-1.6') (360-33949-4). Per method SOP, re-extraction is only required if two or more surrogates from any one fraction fail or any single surrogate falls below 10%. 2-Fluorobiphenyl and Nitrobenzene-d5 failed the surrogate recovery criteria low for SB-103 (1.2-1.6') (360-33949-3). The sample was re-extracted outside of holding time with acceptable recoveries. Both sets of results are reported. Refer to the QC report for details.

Perylene-d12 failed the internal standard criteria low for SB-103 (1.2-1.6') (360-33949-3) RE and DUPLICATE-2 (360-33949-8). The samples showed evidence of matrix interference.

Samples SB-104 (1.3-1.6') (360-33949-4)[5X], SB-105 (0.3-1.9') (360-33949-5)[5X] and DUPLICATE-2 (360-33949-8)[5X] required dilution prior to analysis due to their black color. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatile organic compounds (GC-MS) analyses.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Job ID: 360-33949-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

Samples SB-107 (2.0-2.5') (360-33949-9), SB-108 (2.0-2.5') (360-33949-10), SB-109 (2.0-2.5') (360-33949-11), SB-110 (0-2.5') (360-33949-12) and SB-110 (2.0-2.5') (360-33949-13) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 05/26/2011 and analyzed on 05/27/2011.

No difficulties were encountered during the DRO analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6), DUPLICATE-2 (360-33949-8), SB-107 (2.0-2.5') (360-33949-9), SB-108 (2.0-2.5') (360-33949-10), SB-109 (2.0-2.5') (360-33949-11), SB-110 (0-2.5') (360-33949-12) and SB-110 (2.0-2.5') (360-33949-13) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 05/23/2011 and analyzed on 05/24/2011 and 05/25/2011.

For batch 74052, PCB-1016, PCB-1260, DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the criteria high for the closing continuing calibration verification (CCV) (primary and secondary columns).

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6) and DUPLICATE-2 (360-33949-8) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/31/2011 and analyzed on 06/01/2011.

Sample DUPLICATE-2 (360-33949-8)[2X] required dilution prior to analysis. due to the nature of the sample matrix, which caused the element Silver to recover below the negative absolute value of the reporting limit (RL). The reporting limits have been adjusted accordingly.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6) and DUPLICATE-2 (360-33949-8) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 05/25/2011 and analyzed on 05/26/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples SB- 101 (1.5-2.0') (360-33949-1), SB-102 (0-0.9') (360-33949-2), SB-103 (1.2-1.6') (360-33949-3), SB-104 (1.3-1.6') (360-33949-4), SB-105 (0.3-1.9') (360-33949-5), SB-106 (4.7-6.5') (360-33949-6), DUPLICATE-1 (360-33949-7), DUPLICATE-2 (360-33949-8), SB-107 (2.0-2.5') (360-33949-9), SB-108 (2.0-2.5') (360-33949-10), SB-109 (2.0-2.5') (360-33949-11), SB-110 (0-2.5') (360-33949-12) and SB-110 (2.0-2.5') (360-33949-13) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 05/31/2011 and 06/02/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB- 101 (1.5-2.0')

Lab Sample ID: 360-33949-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	6.2		1.3		mg/Kg	1		☆	6010B	Total/NA
Chromium	31		0.66		mg/Kg	1		☆	6010B	Total/NA
Copper	57		1.3		mg/Kg	1		☆	6010B	Total/NA
Lead	46		0.66		mg/Kg	1		☆	6010B	Total/NA
Nickel	48		1.3		mg/Kg	1		☆	6010B	Total/NA
Zinc	72		3.3		mg/Kg	1		☆	6010B	Total/NA

Client Sample ID: SB-102 (0-0.9')

Lab Sample ID: 360-33949-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	6.9		1.4		mg/Kg	1		☆	6010B	Total/NA
Cadmium	0.42		0.27		mg/Kg	1		☆	6010B	Total/NA
Chromium	51		0.68		mg/Kg	1		☆	6010B	Total/NA
Copper	55		1.4		mg/Kg	1		☆	6010B	Total/NA
Lead	26		0.68		mg/Kg	1		☆	6010B	Total/NA
Nickel	65		1.4		mg/Kg	1		☆	6010B	Total/NA
Zinc	56		3.4		mg/Kg	1		☆	6010B	Total/NA

Client Sample ID: SB-103 (1.2-1.6')

Lab Sample ID: 360-33949-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	10		3.7		mg/Kg	1		☆	6010B	Total/NA
Chromium	64		1.8		mg/Kg	1		☆	6010B	Total/NA
Copper	17		3.7		mg/Kg	1		☆	6010B	Total/NA
Lead	9.7		1.8		mg/Kg	1		☆	6010B	Total/NA
Nickel	95		3.7		mg/Kg	1		☆	6010B	Total/NA
Zinc	64		9.2		mg/Kg	1		☆	6010B	Total/NA

Client Sample ID: SB-104 (1.3-1.6')

Lab Sample ID: 360-33949-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	4.6		1.8		mg/Kg	1		☆	6010B	Total/NA
Chromium	42		0.88		mg/Kg	1		☆	6010B	Total/NA
Copper	22		1.8		mg/Kg	1		☆	6010B	Total/NA
Lead	8.1		0.88		mg/Kg	1		☆	6010B	Total/NA
Nickel	42		1.8		mg/Kg	1		☆	6010B	Total/NA
Selenium	1.3		0.88		mg/Kg	1		☆	6010B	Total/NA
Zinc	63		4.4		mg/Kg	1		☆	6010B	Total/NA

Client Sample ID: SB-105 (0.3-1.9')

Lab Sample ID: 360-33949-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Trichloroethene	280		130		ug/Kg	1		☆	8260B	Total/NA
Pyrene	34000		29000		ug/Kg	5		☆	8270C	Total/NA
Arsenic	9.1		1.3		mg/Kg	1		☆	6010B	Total/NA
Chromium	28		0.63		mg/Kg	1		☆	6010B	Total/NA
Copper	34		1.3		mg/Kg	1		☆	6010B	Total/NA
Lead	140		0.63		mg/Kg	1		☆	6010B	Total/NA
Nickel	56		1.3		mg/Kg	1		☆	6010B	Total/NA
Zinc	100		3.1		mg/Kg	1		☆	6010B	Total/NA
Mercury	0.56		0.072		mg/Kg	1		☆	7471A	Total/NA

Client Sample ID: SB-106 (4.7-6.5')

Lab Sample ID: 360-33949-6

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-106 (4.7-6.5') (Continued)

Lab Sample ID: 360-33949-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	5.6		1.2		mg/Kg	1		☼	6010B	Total/NA
Chromium	21		0.59		mg/Kg	1		☼	6010B	Total/NA
Copper	9.6		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	2.9		0.59		mg/Kg	1		☼	6010B	Total/NA
Nickel	28		1.2		mg/Kg	1		☼	6010B	Total/NA
Zinc	18		2.9		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: DUPLICATE-1

Lab Sample ID: 360-33949-7

No Detections.

Client Sample ID: DUPLICATE-2

Lab Sample ID: 360-33949-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Pyrene	980		930		ug/Kg	5		☼	8270C	Total/NA
Arsenic	8.6		1.2		mg/Kg	1		☼	6010B	Total/NA
Chromium	33		0.58		mg/Kg	1		☼	6010B	Total/NA
Copper	31		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	100		0.58		mg/Kg	1		☼	6010B	Total/NA
Nickel	57		1.2		mg/Kg	1		☼	6010B	Total/NA
Zinc	91		2.9		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.53		0.070		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SB-107 (2.0-2.5')

Lab Sample ID: 360-33949-9

Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C9-C36)	82		3.6		mg/Kg	1		☼	8015B	Total/NA
Diesel Range Organics [C10-C28]	43		3.6		mg/Kg	1		☼	8015B	Total/NA

Client Sample ID: SB-108 (2.0-2.5')

Lab Sample ID: 360-33949-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C9-C36)	71		3.9		mg/Kg	1		☼	8015B	Total/NA
Diesel Range Organics [C10-C28]	30		3.9		mg/Kg	1		☼	8015B	Total/NA

Client Sample ID: SB-109 (2.0-2.5')

Lab Sample ID: 360-33949-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1242	170		99		ug/Kg	1		☼	8082	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C9-C36)	120		3.4		mg/Kg	1		☼	8015B	Total/NA
Diesel Range Organics [C10-C28]	70		3.4		mg/Kg	1		☼	8015B	Total/NA

Client Sample ID: SB-110 (0-2.5')

Lab Sample ID: 360-33949-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1248	250		99		ug/Kg	1		☼	8082	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C9-C36)	140		3.5		mg/Kg	1		☼	8015B	Total/NA
Diesel Range Organics [C10-C28]	39		3.5		mg/Kg	1		☼	8015B	Total/NA

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-110 (2.0-2.5')

Lab Sample ID: 360-33949-13

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Petroleum Hydrocarbons (C9-C36)	16		3.4		mg/Kg	1	☼	8015B	Total/NA
Diesel Range Organics [C10-C28]	4.8		3.4		mg/Kg	1	☼	8015B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 360-33949-14

No Detections.

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WFD
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL WFD
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL WFD
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
6010B	Metals (ICP)	SW846	TAL WFD
7471A	Mercury (CVAA)	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-33949-1	SB- 101 (1.5-2.0')	Solid	05/19/11 09:45	05/21/11 11:40
360-33949-2	SB-102 (0-0.9')	Solid	05/19/11 10:43	05/21/11 11:40
360-33949-3	SB-103 (1.2-1.6')	Solid	05/19/11 14:00	05/21/11 11:40
360-33949-4	SB-104 (1.3-1.6')	Solid	05/19/11 16:30	05/21/11 11:40
360-33949-5	SB-105 (0.3-1.9')	Solid	05/20/11 11:50	05/21/11 11:40
360-33949-6	SB-106 (4.7-6.5')	Solid	05/20/11 12:50	05/21/11 11:40
360-33949-7	DUPLICATE-1	Solid	05/19/11 12:00	05/21/11 11:40
360-33949-8	DUPLICATE-2	Solid	05/20/11 12:00	05/21/11 11:40
360-33949-9	SB-107 (2.0-2.5')	Solid	05/20/11 13:35	05/21/11 11:40
360-33949-10	SB-108 (2.0-2.5')	Solid	05/20/11 13:45	05/21/11 11:40
360-33949-11	SB-109 (2.0-2.5')	Solid	05/20/11 13:55	05/21/11 11:40
360-33949-12	SB-110 (0-2.5')	Solid	05/20/11 14:00	05/21/11 11:40
360-33949-13	SB-110 (2.0-2.5')	Solid	05/20/11 14:02	05/21/11 11:40
360-33949-14	TRIP BLANK	Solid	05/19/11 09:45	05/21/11 11:40

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1,1-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1,2,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1,2-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,1-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2,3-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2,4-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2,4-Trimethylbenzene	ND	H *	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2,3-Trichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2-Dibromo-3-Chloropropane	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,2-Dichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,3,5-Trimethylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,3-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
1,4-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
2,2-Dichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Acetone	ND	H	13000		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Benzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Bromoform	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Bromobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Bromomethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Carbon tetrachloride	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chlorobromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chlorodibromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chloroethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chloroform	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Chloromethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
cis-1,2-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
cis-1,3-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Dibromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Dichlorobromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Ethylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Ethylene Dibromide	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
2-Chlorotoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
4-Chlorotoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Hexachlorobutadiene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Isopropylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
m-Xylene & p-Xylene	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
2-Butanone (MEK)	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
4-Methyl-2-pentanone (MIBK)	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Methylene Chloride	ND	H	510		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
N-Propylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
n-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Naphthalene	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
o-Xylene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
tert-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Tetrachloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Toluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
trans-1,2-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Trichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Vinyl chloride	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Methyl tert-butyl ether	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Trichlorofluoromethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
trans-1,3-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
Styrene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
2-Hexanone	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1
4-Isopropyltoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:04	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130	06/03/11 09:05	06/03/11 20:04	1
Dibromofluoromethane	99		70 - 130	06/03/11 09:05	06/03/11 20:04	1
Toluene-d8 (Surr)	97		70 - 130	06/03/11 09:05	06/03/11 20:04	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1,1-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1,2,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1,2-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,1-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2,3-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2,4-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2,4-Trimethylbenzene	ND	H *	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2,3-Trichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2-Dibromo-3-Chloropropane	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,2-Dichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,3,5-Trimethylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,3-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
1,4-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
2,2-Dichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Acetone	ND	H	13000		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Benzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Bromoform	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Bromobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Bromomethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Carbon tetrachloride	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Chlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Chlorobromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Chloroethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Chloroform	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Chloromethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
cis-1,2-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
cis-1,3-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Dibromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Dichlorobromomethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Ethylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Ethylene Dibromide	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
2-Chlorotoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
4-Chlorotoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Hexachlorobutadiene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Isopropylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
m-Xylene & p-Xylene	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
2-Butanone (MEK)	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
4-Methyl-2-pentanone (MIBK)	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Methylene Chloride	ND	H	530		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
N-Propylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
n-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Naphthalene	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
o-Xylene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
sec-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
tert-Butylbenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Tetrachloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Toluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
trans-1,2-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Trichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Vinyl chloride	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Methyl tert-butyl ether	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Trichlorofluoromethane	ND	H	260		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
trans-1,3-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Styrene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
2-Hexanone	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
4-Isopropyltoluene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 20:28	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130				06/03/11 09:05	06/03/11 20:28	1
Dibromofluoromethane	101		70 - 130				06/03/11 09:05	06/03/11 20:28	1
Toluene-d8 (Surr)	98		70 - 130				06/03/11 09:05	06/03/11 20:28	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,1,1-Trichloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,1,2,2-Tetrachloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,1,2-Trichloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,1-Dichloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,1-Dichloropropene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2,3-Trichlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2,4-Trichlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2,4-Trimethylbenzene	ND	H *	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2,3-Trichloropropane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2-Dibromo-3-Chloropropane	ND	H	3800		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2-Dichlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2-Dichloroethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,2-Dichloropropane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,3,5-Trimethylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,3-Dichlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
1,4-Dichlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
2,2-Dichloropropane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Acetone	ND	H	38000		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Benzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Bromoform	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Bromobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Bromomethane	ND	H	760		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Carbon tetrachloride	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chlorobenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chlorobromomethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chlorodibromomethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chloroethane	ND	H	760		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chloroform	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Chloromethane	ND	H	760		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
cis-1,2-Dichloroethene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
cis-1,3-Dichloropropene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Dibromomethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Dichlorobromomethane	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Ethylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Ethylene Dibromide	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
2-Chlorotoluene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
4-Chlorotoluene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Hexachlorobutadiene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Isopropylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
m-Xylene & p-Xylene	ND	H	760		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
2-Butanone (MEK)	ND	H	3800		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
4-Methyl-2-pentanone (MIBK)	ND	H	3800		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Methylene Chloride	ND	H	1500		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
N-Propylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
n-Butylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Naphthalene	ND	H	3800		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
o-Xylene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
sec-Butylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
tert-Butylbenzene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Tetrachloroethene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Toluene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
trans-1,2-Dichloroethene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Vinyl chloride	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Methyl tert-butyl ether	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Trichlorofluoromethane	ND	H	760		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
trans-1,3-Dichloropropene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Styrene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
2-Hexanone	ND	H	3800		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
4-Isopropyltoluene	ND	H	380		ug/Kg	☼	06/03/11 09:05	06/03/11 20:52	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130				06/03/11 09:05	06/03/11 20:52	1
Dibromofluoromethane	99		70 - 130				06/03/11 09:05	06/03/11 20:52	1
Toluene-d8 (Surr)	96		70 - 130				06/03/11 09:05	06/03/11 20:52	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1,1-Trichloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1,2,2-Tetrachloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1,2-Trichloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1-Dichloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1-Dichloroethene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,1-Dichloropropene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2,3-Trichlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2,4-Trichlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2,4-Trimethylbenzene	ND	H *	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2,3-Trichloropropane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2-Dibromo-3-Chloropropane	ND	H	2000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2-Dichlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2-Dichloroethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,2-Dichloropropane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,3,5-Trimethylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,3-Dichlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
1,4-Dichlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
2,2-Dichloropropane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Acetone	ND	H	20000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Benzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Bromoform	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Bromobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Bromomethane	ND	H	400		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Carbon tetrachloride	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chlorobenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chlorobromomethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chlorodibromomethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chloroethane	ND	H	400		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chloroform	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Chloromethane	ND	H	400		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
cis-1,2-Dichloroethene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Dibromomethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Dichlorobromomethane	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Ethylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Ethylene Dibromide	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
2-Chlorotoluene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
4-Chlorotoluene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Hexachlorobutadiene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Isopropylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
m-Xylene & p-Xylene	ND	H	400		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
2-Butanone (MEK)	ND	H	2000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
4-Methyl-2-pentanone (MIBK)	ND	H	2000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Methylene Chloride	ND	H	790		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
N-Propylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
n-Butylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Naphthalene	ND	H	2000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
o-Xylene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
sec-Butylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
tert-Butylbenzene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Tetrachloroethene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Toluene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
trans-1,2-Dichloroethene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Trichloroethene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Vinyl chloride	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Methyl tert-butyl ether	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Trichlorofluoromethane	ND	H	400		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
trans-1,3-Dichloropropene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Styrene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
2-Hexanone	ND	H	2000		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
4-Isopropyltoluene	ND	H	200		ug/Kg	☼	06/03/11 09:05	06/03/11 21:16	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130				06/03/11 09:05	06/03/11 21:16	1
Dibromofluoromethane	101		70 - 130				06/03/11 09:05	06/03/11 21:16	1
Toluene-d8 (Surr)	97		70 - 130				06/03/11 09:05	06/03/11 21:16	1

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1,1-Trichloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1,2,2-Tetrachloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1,2-Trichloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1-Dichloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1-Dichloroethene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,1-Dichloropropene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2,3-Trichlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2,4-Trichlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2,4-Trimethylbenzene	ND	*	130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1300		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2-Dichlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2-Dichloroethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,2-Dichloropropane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,3,5-Trimethylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,3-Dichlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
1,4-Dichlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
2,2-Dichloropropane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Acetone	ND		13000		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Benzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Bromoform	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Bromobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Bromomethane	ND		260		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Carbon tetrachloride	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chlorobenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chlorobromomethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chlorodibromomethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chloroethane	ND		260		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chloroform	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Chloromethane	ND		260		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
cis-1,2-Dichloroethene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
cis-1,3-Dichloropropene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Dibromomethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Dichlorobromomethane	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Ethylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Ethylene Dibromide	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
2-Chlorotoluene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
4-Chlorotoluene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Hexachlorobutadiene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Isopropylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
m-Xylene & p-Xylene	ND		260		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
2-Butanone (MEK)	ND		1300		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		1300		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Methylene Chloride	ND		510		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
N-Propylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
n-Butylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Naphthalene	ND		1300		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
o-Xylene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
sec-Butylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
tert-Butylbenzene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Tetrachloroethene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Toluene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
trans-1,2-Dichloroethene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Trichloroethene	280		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Vinyl chloride	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Methyl tert-butyl ether	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
Trichlorofluoromethane	ND		260		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1
trans-1,3-Dichloropropene	ND		130		ug/Kg	☼	06/03/11 09:05	06/03/11 16:02	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		130		ug/Kg	✱	06/03/11 09:05	06/03/11 16:02	1
2-Hexanone	ND		1300		ug/Kg	✱	06/03/11 09:05	06/03/11 16:02	1
4-Isopropyltoluene	ND		130		ug/Kg	✱	06/03/11 09:05	06/03/11 16:02	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130				06/03/11 09:05	06/03/11 16:02	1
Dibromofluoromethane	100		70 - 130				06/03/11 09:05	06/03/11 16:02	1
Toluene-d8 (Surr)	96		70 - 130				06/03/11 09:05	06/03/11 16:02	1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1,1-Trichloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1,2,2-Tetrachloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1,2-Trichloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1-Dichloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1-Dichloroethene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,1-Dichloropropene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2,3-Trichlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2,4-Trichlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2,4-Trimethylbenzene	ND *		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2,3-Trichloropropane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2-Dibromo-3-Chloropropane	ND		1200		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2-Dichlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2-Dichloroethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,2-Dichloropropane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,3,5-Trimethylbenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,3-Dichlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
1,4-Dichlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
2,2-Dichloropropane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Acetone	ND		12000		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Benzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Bromoform	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Bromobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Bromomethane	ND		240		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Carbon tetrachloride	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chlorobenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chlorobromomethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chlorodibromomethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chloroethane	ND		240		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chloroform	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Chloromethane	ND		240		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
cis-1,2-Dichloroethene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
cis-1,3-Dichloropropene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Dibromomethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Dichlorobromomethane	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Ethylbenzene	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1
Ethylene Dibromide	ND		120		ug/Kg	✱	06/03/11 09:05	06/03/11 16:26	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
4-Chlorotoluene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Hexachlorobutadiene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Isopropylbenzene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
m-Xylene & p-Xylene	ND		240		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
2-Butanone (MEK)	ND		1200		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		1200		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Methylene Chloride	ND		490		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
N-Propylbenzene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
n-Butylbenzene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Naphthalene	ND		1200		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
o-Xylene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
sec-Butylbenzene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
tert-Butylbenzene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Tetrachloroethene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Toluene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
trans-1,2-Dichloroethene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Trichloroethene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Vinyl chloride	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Methyl tert-butyl ether	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Trichlorofluoromethane	ND		240		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
trans-1,3-Dichloropropene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
Styrene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
2-Hexanone	ND		1200		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1
4-Isopropyltoluene	ND		120		ug/Kg	☼	06/03/11 09:05	06/03/11 16:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130	06/03/11 09:05	06/03/11 16:26	1
Dibromofluoromethane	101		70 - 130	06/03/11 09:05	06/03/11 16:26	1
Toluene-d8 (Surr)	97		70 - 130	06/03/11 09:05	06/03/11 16:26	1

Client Sample ID: DUPLICATE-1

Date Collected: 05/19/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-7

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1,1-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1,2,2-Tetrachloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1,2-Trichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1-Dichloroethene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,1-Dichloropropene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2,3-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2,4-Trichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2,4-Trimethylbenzene	ND	H *	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2,3-Trichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2-Dibromo-3-Chloropropane	ND	H	1300		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2-Dichlorobenzene	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2-Dichloroethane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1
1,2-Dichloropropane	ND	H	130		ug/Kg	☼	06/03/11 09:05	06/03/11 21:40	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUPLICATE-1

Date Collected: 05/19/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-7

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
1,3-Dichlorobenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
1,4-Dichlorobenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
2,2-Dichloropropane	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Acetone	ND	H	13000		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Benzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Bromoform	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Bromobenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Bromomethane	ND	H	250		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Carbon tetrachloride	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chlorobenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chlorobromomethane	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chlorodibromomethane	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chloroethane	ND	H	250		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chloroform	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Chloromethane	ND	H	250		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
cis-1,2-Dichloroethene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
cis-1,3-Dichloropropene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Dibromomethane	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Dichlorobromomethane	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Ethylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Ethylene Dibromide	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
2-Chlorotoluene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
4-Chlorotoluene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Hexachlorobutadiene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Isopropylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
m-Xylene & p-Xylene	ND	H	250		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
2-Butanone (MEK)	ND	H	1300		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
4-Methyl-2-pentanone (MIBK)	ND	H	1300		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Methylene Chloride	ND	H	500		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
N-Propylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
n-Butylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Naphthalene	ND	H	1300		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
o-Xylene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
sec-Butylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
tert-Butylbenzene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Tetrachloroethene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Toluene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
trans-1,2-Dichloroethene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Trichloroethene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Vinyl chloride	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Methyl tert-butyl ether	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Trichlorofluoromethane	ND	H	250		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
trans-1,3-Dichloropropene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
Styrene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
2-Hexanone	ND	H	1300		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1
4-Isopropyltoluene	ND	H	130		ug/Kg	☆	06/03/11 09:05	06/03/11 21:40	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130	06/03/11 09:05	06/03/11 21:40	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUPLICATE-1

Date Collected: 05/19/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-7

Matrix: Solid

Percent Solids: 86.6

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		70 - 130	06/03/11 09:05	06/03/11 21:40	1
Toluene-d8 (Surr)	97		70 - 130	06/03/11 09:05	06/03/11 21:40	1

Client Sample ID: TRIP BLANK

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1,1-Trichloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1,2,2-Tetrachloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1,2-Trichloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1-Dichloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1-Dichloroethene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,1-Dichloropropene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2,3-Trichlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2,4-Trichlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2,4-Trimethylbenzene	ND	H *	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2,3-Trichloropropane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2-Dibromo-3-Chloropropane	ND	H	1200		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2-Dichlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2-Dichloroethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,2-Dichloropropane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,3,5-Trimethylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,3-Dichlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
1,4-Dichlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
2,2-Dichloropropane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Acetone	ND	H	12000		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Benzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Bromoform	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Bromobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Bromomethane	ND	H	250		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Carbon tetrachloride	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chlorobenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chlorobromomethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chlorodibromomethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chloroethane	ND	H	250		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chloroform	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Chloromethane	ND	H	250		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
cis-1,2-Dichloroethene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
cis-1,3-Dichloropropene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Dibromomethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Dichlorobromomethane	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Ethylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Ethylene Dibromide	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
2-Chlorotoluene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
4-Chlorotoluene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Hexachlorobutadiene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Isopropylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
m-Xylene & p-Xylene	ND	H	250		ug/Kg		06/03/11 09:05	06/03/11 22:05	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TRIP BLANK

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND	H	1200		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
4-Methyl-2-pentanone (MIBK)	ND	H	1200		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Methylene Chloride	ND	H	500		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
N-Propylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
n-Butylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Naphthalene	ND	H	1200		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
o-Xylene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
sec-Butylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
tert-Butylbenzene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Tetrachloroethene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Toluene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
trans-1,2-Dichloroethene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Trichloroethene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Vinyl chloride	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Methyl tert-butyl ether	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Trichlorofluoromethane	ND	H	250		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
trans-1,3-Dichloropropene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Styrene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
2-Hexanone	ND	H	1200		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
4-Isopropyltoluene	ND	H	120		ug/Kg		06/03/11 09:05	06/03/11 22:05	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130				06/03/11 09:05	06/03/11 22:05	1
Dibromofluoromethane	101		70 - 130				06/03/11 09:05	06/03/11 22:05	1
Toluene-d8 (Surr)	98		70 - 130				06/03/11 09:05	06/03/11 22:05	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Acenaphthylene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Anthracene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Benzo[a]anthracene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Benzo[g,h,i]perylene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Benzo[a]pyrene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Benzo[k]fluoranthene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Benzo[b]fluoranthene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Chrysene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Dibenz(a,h)anthracene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Fluoranthene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Fluorene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Indeno[1,2,3-cd]pyrene	ND		11000		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Naphthalene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Phenanthrene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Pyrene	ND		5400		ug/Kg	✱	06/01/11 08:24	06/04/11 12:58	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	36		30 - 130				06/01/11 08:24	06/04/11 12:58	1
2-Fluorobiphenyl	35		30 - 130				06/01/11 08:24	06/04/11 12:58	1
Terphenyl-d14	39		30 - 130				06/01/11 08:24	06/04/11 12:58	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Acenaphthylene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Anthracene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Benzo[a]anthracene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Benzo[g,h,i]perylene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Benzo[a]pyrene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Benzo[k]fluoranthene	ND		6100		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Benzo[b]fluoranthene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Chrysene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Dibenz(a,h)anthracene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Fluoranthene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Fluorene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Indeno[1,2,3-cd]pyrene	ND		12000		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Naphthalene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Phenanthrene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Pyrene	ND		5800		ug/Kg	✱	06/01/11 08:24	06/03/11 04:27	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	29	X	30 - 130				06/01/11 08:24	06/03/11 04:27	1
2-Fluorobiphenyl	30		30 - 130				06/01/11 08:24	06/03/11 04:27	1
Terphenyl-d14	37		30 - 130				06/01/11 08:24	06/03/11 04:27	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Acenaphthylene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Anthracene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Benzo[a]anthracene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Benzo[g,h,i]perylene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Benzo[a]pyrene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Benzo[k]fluoranthene	ND		18000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Benzo[b]fluoranthene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Chrysene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Dibenz(a,h)anthracene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Fluoranthene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Fluorene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Indeno[1,2,3-cd]pyrene	ND		33000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Naphthalene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Phenanthrene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Pyrene	ND		16000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	17	X	30 - 130				06/01/11 08:24	06/03/11 05:01	1
2-Fluorobiphenyl	21	X	30 - 130				06/01/11 08:24	06/03/11 05:01	1
Terphenyl-d14	38		30 - 130				06/01/11 08:24	06/03/11 05:01	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Acenaphthylene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Anthracene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Benzo[a]anthracene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Benzo[g,h,i]perylene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Benzo[a]pyrene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Benzo[k]fluoranthene	ND		45000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Benzo[b]fluoranthene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Chrysene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Dibenz(a,h)anthracene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Fluoranthene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Fluorene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Indeno[1,2,3-cd]pyrene	ND		84000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Naphthalene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Phenanthrene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Pyrene	ND		42000		ug/Kg	✱	06/01/11 08:24	06/03/11 06:42	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	28	X	30 - 130				06/01/11 08:24	06/03/11 06:42	5
2-Fluorobiphenyl	39		30 - 130				06/01/11 08:24	06/03/11 06:42	5
Terphenyl-d14	48		30 - 130				06/01/11 08:24	06/03/11 06:42	5

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Acenaphthylene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Anthracene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Benzo[a]anthracene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Benzo[g,h,i]perylene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Benzo[a]pyrene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Benzo[k]fluoranthene	ND		30000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Benzo[b]fluoranthene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Chrysene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Dibenz(a,h)anthracene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Fluoranthene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Fluorene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Indeno[1,2,3-cd]pyrene	ND		57000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Naphthalene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Phenanthrene	ND		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Pyrene	34000		29000		ug/Kg	✱	06/01/11 08:24	06/03/11 07:17	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	33		30 - 130				06/01/11 08:24	06/03/11 07:17	5
2-Fluorobiphenyl	38		30 - 130				06/01/11 08:24	06/03/11 07:17	5
Terphenyl-d14	56		30 - 130				06/01/11 08:24	06/03/11 07:17	5

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Acenaphthylene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Anthracene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Benzo[a]anthracene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Benzo[g,h,i]perylene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Benzo[a]pyrene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Benzo[k]fluoranthene	ND		6100		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Benzo[b]fluoranthene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Chrysene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Dibenz(a,h)anthracene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Fluoranthene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Fluorene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Indeno[1,2,3-cd]pyrene	ND		11000		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Naphthalene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Phenanthrene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Pyrene	ND		5700		ug/Kg	✱	06/01/11 08:24	06/03/11 05:35	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	31		30 - 130				06/01/11 08:24	06/03/11 05:35	1
2-Fluorobiphenyl	30		30 - 130				06/01/11 08:24	06/03/11 05:35	1
Terphenyl-d14	44		30 - 130				06/01/11 08:24	06/03/11 05:35	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Acenaphthylene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Anthracene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Benzo[a]anthracene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Benzo[g,h,i]perylene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Benzo[a]pyrene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Benzo[k]fluoranthene	ND		990		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Benzo[b]fluoranthene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Chrysene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Dibenz(a,h)anthracene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Fluoranthene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Fluorene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Indeno[1,2,3-cd]pyrene	ND		1900		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Naphthalene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Phenanthrene	ND		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Pyrene	980		930		ug/Kg	☼	06/03/11 17:00	06/04/11 19:13	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	64		30 - 130				06/03/11 17:00	06/04/11 19:13	5
2-Fluorobiphenyl	70		30 - 130				06/03/11 17:00	06/04/11 19:13	5
Terphenyl-d14	101		30 - 130				06/03/11 17:00	06/04/11 19:13	5

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - RE

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Acenaphthylene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Anthracene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Benzo[a]anthracene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Benzo[g,h,i]perylene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Benzo[a]pyrene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Benzo[k]fluoranthene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Benzo[b]fluoranthene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Chrysene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Dibenz(a,h)anthracene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Fluoranthene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Fluorene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Indeno[1,2,3-cd]pyrene	ND	H	2100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Naphthalene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Phenanthrene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Pyrene	ND	H	1100		ug/Kg	☼	06/03/11 17:00	06/04/11 18:05	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	51		30 - 130				06/03/11 17:00	06/04/11 18:05	1
2-Fluorobiphenyl	53		30 - 130				06/03/11 17:00	06/04/11 18:05	1
Terphenyl-d14	74		30 - 130				06/03/11 17:00	06/04/11 18:05	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-107 (2.0-2.5')

Date Collected: 05/20/11 13:35

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-9

Matrix: Solid

Percent Solids: 91.2

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	82		3.6		mg/Kg	☼	05/26/11 11:55	05/27/11 11:12	1
Diesel Range Organics [C10-C28]	43		3.6		mg/Kg	☼	05/26/11 11:55	05/27/11 11:12	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	84		40 - 140				05/26/11 11:55	05/27/11 11:12	1

Client Sample ID: SB-108 (2.0-2.5')

Date Collected: 05/20/11 13:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-10

Matrix: Solid

Percent Solids: 82.6

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	71		3.9		mg/Kg	☼	05/26/11 11:55	05/27/11 11:41	1
Diesel Range Organics [C10-C28]	30		3.9		mg/Kg	☼	05/26/11 11:55	05/27/11 11:41	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		40 - 140				05/26/11 11:55	05/27/11 11:41	1

Client Sample ID: SB-109 (2.0-2.5')

Date Collected: 05/20/11 13:55

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-11

Matrix: Solid

Percent Solids: 94.9

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	120		3.4		mg/Kg	☼	05/26/11 11:55	05/27/11 12:11	1
Diesel Range Organics [C10-C28]	70		3.4		mg/Kg	☼	05/26/11 11:55	05/27/11 12:11	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	68		40 - 140				05/26/11 11:55	05/27/11 12:11	1

Client Sample ID: SB-110 (0-2.5')

Date Collected: 05/20/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-12

Matrix: Solid

Percent Solids: 93.5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	140		3.5		mg/Kg	☼	05/26/11 11:55	05/27/11 12:41	1
Diesel Range Organics [C10-C28]	39		3.5		mg/Kg	☼	05/26/11 11:55	05/27/11 12:41	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	62		40 - 140				05/26/11 11:55	05/27/11 12:41	1

Client Sample ID: SB-110 (2.0-2.5')

Date Collected: 05/20/11 14:02

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-13

Matrix: Solid

Percent Solids: 96.0

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	16		3.4		mg/Kg	☼	05/26/11 11:55	05/27/11 13:40	1
Diesel Range Organics [C10-C28]	4.8		3.4		mg/Kg	☼	05/26/11 11:55	05/27/11 13:40	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		40 - 140				05/26/11 11:55	05/27/11 13:40	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1221	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1232	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1242	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1248	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1254	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1260	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1262	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
PCB-1268	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:05	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	126		30 - 150				05/23/11 15:06	05/24/11 19:05	1
DCB Decachlorobiphenyl	126		30 - 150				05/23/11 15:06	05/24/11 19:05	1
Tetrachloro-m-xylene	116		30 - 150				05/23/11 15:06	05/24/11 19:05	1
Tetrachloro-m-xylene	115		30 - 150				05/23/11 15:06	05/24/11 19:05	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1221	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1232	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1242	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1248	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1254	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1260	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1262	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
PCB-1268	ND		110		ug/Kg	✱	05/23/11 15:06	05/24/11 19:26	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		30 - 150				05/23/11 15:06	05/24/11 19:26	1
DCB Decachlorobiphenyl	125		30 - 150				05/23/11 15:06	05/24/11 19:26	1
Tetrachloro-m-xylene	114		30 - 150				05/23/11 15:06	05/24/11 19:26	1
Tetrachloro-m-xylene	118		30 - 150				05/23/11 15:06	05/24/11 19:26	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1221	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1232	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1242	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1248	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1254	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1260	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1262	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
PCB-1268	ND		320		ug/Kg	✱	05/23/11 15:06	05/24/11 19:47	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		30 - 150				05/23/11 15:06	05/24/11 19:47	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		30 - 150	05/23/11 15:06	05/24/11 19:47	1
Tetrachloro-m-xylene	123		30 - 150	05/23/11 15:06	05/24/11 19:47	1
Tetrachloro-m-xylene	121		30 - 150	05/23/11 15:06	05/24/11 19:47	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1221	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1232	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1242	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1248	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1254	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1260	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1262	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1
PCB-1268	ND		170		ug/Kg	☼	05/23/11 15:06	05/24/11 20:08	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	05/23/11 15:06	05/24/11 20:08	1
DCB Decachlorobiphenyl	110		30 - 150	05/23/11 15:06	05/24/11 20:08	1
Tetrachloro-m-xylene	98		30 - 150	05/23/11 15:06	05/24/11 20:08	1
Tetrachloro-m-xylene	105		30 - 150	05/23/11 15:06	05/24/11 20:08	1

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1221	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1232	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1242	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1248	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1254	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1260	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1262	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1
PCB-1268	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:29	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	111		30 - 150	05/23/11 15:06	05/24/11 20:29	1
DCB Decachlorobiphenyl	125		30 - 150	05/23/11 15:06	05/24/11 20:29	1
Tetrachloro-m-xylene	103		30 - 150	05/23/11 15:06	05/24/11 20:29	1
Tetrachloro-m-xylene	105		30 - 150	05/23/11 15:06	05/24/11 20:29	1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1221	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1232	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1248	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1254	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1260	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1262	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1
PCB-1268	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 20:50	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		30 - 150	05/23/11 15:06	05/24/11 20:50	1
DCB Decachlorobiphenyl	111		30 - 150	05/23/11 15:06	05/24/11 20:50	1
Tetrachloro-m-xylene	106		30 - 150	05/23/11 15:06	05/24/11 20:50	1
Tetrachloro-m-xylene	113		30 - 150	05/23/11 15:06	05/24/11 20:50	1

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1221	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1232	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1242	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1248	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1254	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1260	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1262	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1
PCB-1268	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:12	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137		30 - 150	05/23/11 15:06	05/24/11 21:12	1
DCB Decachlorobiphenyl	150		30 - 150	05/23/11 15:06	05/24/11 21:12	1
Tetrachloro-m-xylene	119		30 - 150	05/23/11 15:06	05/24/11 21:12	1
Tetrachloro-m-xylene	121		30 - 150	05/23/11 15:06	05/24/11 21:12	1

Client Sample ID: SB-107 (2.0-2.5')

Date Collected: 05/20/11 13:35

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-9

Matrix: Solid

Percent Solids: 91.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1221	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1232	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1242	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1248	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1254	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1260	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1262	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1
PCB-1268	ND		110		ug/Kg	☼	05/23/11 15:06	05/24/11 21:33	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		30 - 150	05/23/11 15:06	05/24/11 21:33	1
DCB Decachlorobiphenyl	132		30 - 150	05/23/11 15:06	05/24/11 21:33	1
Tetrachloro-m-xylene	104		30 - 150	05/23/11 15:06	05/24/11 21:33	1
Tetrachloro-m-xylene	106		30 - 150	05/23/11 15:06	05/24/11 21:33	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-108 (2.0-2.5')

Date Collected: 05/20/11 13:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-10

Matrix: Solid

Percent Solids: 82.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1221	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1232	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1242	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1248	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1254	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1260	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1262	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1
PCB-1268	ND		120		ug/Kg	☼	05/23/11 15:06	05/24/11 21:54	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	132		30 - 150	05/23/11 15:06	05/24/11 21:54	1
DCB Decachlorobiphenyl	138		30 - 150	05/23/11 15:06	05/24/11 21:54	1
Tetrachloro-m-xylene	113		30 - 150	05/23/11 15:06	05/24/11 21:54	1
Tetrachloro-m-xylene	111		30 - 150	05/23/11 15:06	05/24/11 21:54	1

Client Sample ID: SB-109 (2.0-2.5')

Date Collected: 05/20/11 13:55

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-11

Matrix: Solid

Percent Solids: 94.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1221	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1232	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1242	170		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1248	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1254	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1260	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1262	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1
PCB-1268	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150	05/23/11 15:06	05/25/11 11:10	1
DCB Decachlorobiphenyl	96		30 - 150	05/23/11 15:06	05/25/11 11:10	1
Tetrachloro-m-xylene	95		30 - 150	05/23/11 15:06	05/25/11 11:10	1
Tetrachloro-m-xylene	97		30 - 150	05/23/11 15:06	05/25/11 11:10	1

Client Sample ID: SB-110 (0-2.5')

Date Collected: 05/20/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-12

Matrix: Solid

Percent Solids: 93.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1221	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1232	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1242	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1248	250		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1254	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1260	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1262	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1
PCB-1268	ND		99		ug/Kg	☼	05/23/11 15:06	05/25/11 11:32	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		30 - 150	05/23/11 15:06	05/25/11 11:32	1
DCB Decachlorobiphenyl	106		30 - 150	05/23/11 15:06	05/25/11 11:32	1
Tetrachloro-m-xylene	99		30 - 150	05/23/11 15:06	05/25/11 11:32	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-110 (0-2.5')

Date Collected: 05/20/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-12

Matrix: Solid

Percent Solids: 93.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	111		30 - 150	05/23/11 15:06	05/25/11 11:32	1

Client Sample ID: SB-110 (2.0-2.5')

Date Collected: 05/20/11 14:02

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-13

Matrix: Solid

Percent Solids: 96.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1221	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1232	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1242	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1248	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1254	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1260	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1262	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1
PCB-1268	ND		99		ug/Kg	⚠	05/23/11 15:06	05/24/11 22:57	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		30 - 150	05/23/11 15:06	05/24/11 22:57	1
DCB Decachlorobiphenyl	134		30 - 150	05/23/11 15:06	05/24/11 22:57	1
Tetrachloro-m-xylene	115		30 - 150	05/23/11 15:06	05/24/11 22:57	1
Tetrachloro-m-xylene	114		30 - 150	05/23/11 15:06	05/24/11 22:57	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 6010B - Metals (ICP)

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.66		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Arsenic	6.2		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Beryllium	ND		0.26		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Cadmium	ND		0.26		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Chromium	31		0.66		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Copper	57		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Lead	46		0.66		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Nickel	48		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Selenium	ND		0.66		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Thallium	ND		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Zinc	72		3.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1
Antimony	ND		0.66		mg/Kg	☼	05/31/11 08:29	06/01/11 13:11	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.68		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Arsenic	6.9		1.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Beryllium	ND		0.27		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Cadmium	0.42		0.27		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Chromium	51		0.68		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Copper	55		1.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Lead	26		0.68		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Nickel	65		1.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Selenium	ND		0.68		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Thallium	ND		1.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Zinc	56		3.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1
Antimony	ND		0.68		mg/Kg	☼	05/31/11 08:29	06/01/11 13:14	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Arsenic	10		3.7		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Beryllium	ND		0.73		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Cadmium	ND		0.73		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Chromium	64		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Copper	17		3.7		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Lead	9.7		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Nickel	95		3.7		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Selenium	ND		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Thallium	ND		3.7		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Zinc	64		9.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1
Antimony	ND		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:17	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 6010B - Metals (ICP)

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.88		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Arsenic	4.6		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Beryllium	ND		0.35		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Cadmium	ND		0.35		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Chromium	42		0.88		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Copper	22		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Lead	8.1		0.88		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Nickel	42		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Selenium	1.3		0.88		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Thallium	ND		1.8		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Zinc	63		4.4		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1
Antimony	ND		0.88		mg/Kg	☼	05/31/11 08:29	06/01/11 13:26	1

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.63		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Arsenic	9.1		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Beryllium	ND		0.25		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Cadmium	ND		0.25		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Chromium	28		0.63		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Copper	34		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Lead	140		0.63		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Nickel	56		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Selenium	ND		0.63		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Thallium	ND		1.3		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Zinc	100		3.1		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1
Antimony	ND		0.63		mg/Kg	☼	05/31/11 08:29	06/01/11 13:29	1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.59		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Arsenic	5.6		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Beryllium	ND		0.23		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Cadmium	ND		0.23		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Chromium	21		0.59		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Copper	9.6		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Lead	2.9		0.59		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Nickel	28		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Selenium	ND		0.59		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Thallium	ND		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Zinc	18		2.9		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1
Antimony	ND		0.59		mg/Kg	☼	05/31/11 08:29	06/01/11 13:31	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 6010B - Metals (ICP)

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 14:03	2
Arsenic	8.6		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Beryllium	ND		0.23		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Cadmium	ND		0.23		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Chromium	33		0.58		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Copper	31		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Lead	100		0.58		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Nickel	57		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Selenium	ND		0.58		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Thallium	ND		1.2		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Zinc	91		2.9		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1
Antimony	ND		0.58		mg/Kg	☼	05/31/11 08:29	06/01/11 13:34	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.081		mg/Kg	☼	05/25/11 10:11	05/26/11 12:05	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.086		mg/Kg	☼	05/25/11 10:11	05/26/11 12:06	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.19		mg/Kg	☼	05/25/11 10:11	05/26/11 12:09	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099		mg/Kg	☼	05/25/11 10:11	05/26/11 12:11	1

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.56		0.072		mg/Kg	☼	05/25/11 10:11	05/26/11 12:13	1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.079		mg/Kg	☼	05/25/11 10:11	05/26/11 12:15	1

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.53		0.070		mg/Kg	☼	05/25/11 10:11	05/26/11 12:20	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

General Chemistry

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		1.0		%			05/31/11 10:41	1
Percent Solids	92		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			05/31/11 10:41	1
Percent Solids	87		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	70		1.0		%			05/31/11 10:41	1
Percent Solids	30		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	41		1.0		%			05/31/11 10:41	1
Percent Solids	59		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			05/31/11 10:41	1
Percent Solids	87		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			05/31/11 10:41	1
Percent Solids	88		1.0		%			05/31/11 10:41	1

Client Sample ID: DUPLICATE-1

Date Collected: 05/19/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/02/11 11:10	1
Percent Solids	87		1.0		%			06/02/11 11:10	1

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			05/31/11 10:41	1
Percent Solids	90		1.0		%			05/31/11 10:41	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

General Chemistry

Client Sample ID: SB-107 (2.0-2.5')

Date Collected: 05/20/11 13:35

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.8		1.0		%			05/31/11 10:41	1
Percent Solids	91		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-108 (2.0-2.5')

Date Collected: 05/20/11 13:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			05/31/11 10:41	1
Percent Solids	83		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-109 (2.0-2.5')

Date Collected: 05/20/11 13:55

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.1		1.0		%			05/31/11 10:41	1
Percent Solids	95		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-110 (0-2.5')

Date Collected: 05/20/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.5		1.0		%			05/31/11 10:41	1
Percent Solids	94		1.0		%			05/31/11 10:41	1

Client Sample ID: SB-110 (2.0-2.5')

Date Collected: 05/20/11 14:02

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.0		1.0		%			05/31/11 10:41	1
Percent Solids	96		1.0		%			05/31/11 10:41	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

GC/MS VOA

Analysis Batch: 74689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-74712/1-A	LCS 360-74712/1-A	Total/NA	Solid	8260B	74712
LCSD 360-74712/2-A	LCSD 360-74712/2-A	Total/NA	Solid	8260B	74712
MB 360-74712/3-A	MB 360-74712/3-A	Total/NA	Solid	8260B	74712
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	8260B	74712
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	8260B	74712
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	8260B	74712
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	8260B	74712
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	8260B	74712
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	8260B	74712
360-33949-7	DUPLICATE-1	Total/NA	Solid	8260B	74712
360-33949-14	TRIP BLANK	Total/NA	Solid	8260B	74712

Prep Batch: 74712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-74712/1-A	LCS 360-74712/1-A	Total/NA	Solid	5035	
LCSD 360-74712/2-A	LCSD 360-74712/2-A	Total/NA	Solid	5035	
MB 360-74712/3-A	MB 360-74712/3-A	Total/NA	Solid	5035	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	5035	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	5035	
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	5035	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	5035	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	5035	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	5035	
360-33949-7	DUPLICATE-1	Total/NA	Solid	5035	
360-33949-14	TRIP BLANK	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 74409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74409/1-A	MB 360-74409/1-A	Total/NA	Solid	3546	
LCS 360-74409/2-A	LCS 360-74409/2-A	Total/NA	Solid	3546	
LCSD 360-74409/3-A	LCSD 360-74409/3-A	Total/NA	Solid	3546	
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	3546	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	3546	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	3546	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	3546	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	3546	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	3546	

Analysis Batch: 74609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74409/1-A	MB 360-74409/1-A	Total/NA	Solid	8270C	74409
LCS 360-74409/2-A	LCS 360-74409/2-A	Total/NA	Solid	8270C	74409
LCSD 360-74409/3-A	LCSD 360-74409/3-A	Total/NA	Solid	8270C	74409

Analysis Batch: 74648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	8270C	74409
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	8270C	74409
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	8270C	74409
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	8270C	74409

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

GC/MS Semi VOA (Continued)

Analysis Batch: 74648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	8270C	74409

Prep Batch: 74666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74666/1-A	MB 360-74666/1-A	Total/NA	Solid	3546	
LCS 360-74666/2-A	LCS 360-74666/2-A	Total/NA	Solid	3546	
LCSD 360-74666/3-A	LCSD 360-74666/3-A	Total/NA	Solid	3546	
360-33949-3 - RE	SB-103 (1.2-1.6')	Total/NA	Solid	3546	
360-33949-8	DUPLICATE-2	Total/NA	Solid	3546	

Analysis Batch: 74695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	8270C	74409
MB 360-74666/1-A	MB 360-74666/1-A	Total/NA	Solid	8270C	74666
LCS 360-74666/2-A	LCS 360-74666/2-A	Total/NA	Solid	8270C	74666
LCSD 360-74666/3-A	LCSD 360-74666/3-A	Total/NA	Solid	8270C	74666
360-33949-3 - RE	SB-103 (1.2-1.6')	Total/NA	Solid	8270C	74666
360-33949-8	DUPLICATE-2	Total/NA	Solid	8270C	74666

GC Semi VOA

Prep Batch: 74015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74015/1-A	MB 360-74015/1-A	Total/NA	Solid	3540C	
LCS 360-74015/2-A	LCS 360-74015/2-A	Total/NA	Solid	3540C	
LCSD 360-74015/3-A	LCSD 360-74015/3-A	Total/NA	Solid	3540C	
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	3540C	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	3540C	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	3540C	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	3540C	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	3540C	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	3540C	
360-33949-8	DUPLICATE-2	Total/NA	Solid	3540C	
360-33949-9	SB-107 (2.0-2.5')	Total/NA	Solid	3540C	
360-33949-10	SB-108 (2.0-2.5')	Total/NA	Solid	3540C	
360-33949-11	SB-109 (2.0-2.5')	Total/NA	Solid	3540C	
360-33949-12	SB-110 (0-2.5')	Total/NA	Solid	3540C	
360-33949-13	SB-110 (2.0-2.5')	Total/NA	Solid	3540C	
360-33949-13 MS	SB-110 (2.0-2.5')	Total/NA	Solid	3540C	
360-33949-13 MSD	SB-110 (2.0-2.5')	Total/NA	Solid	3540C	

Analysis Batch: 74052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74015/1-A	MB 360-74015/1-A	Total/NA	Solid	8082	74015
LCS 360-74015/2-A	LCS 360-74015/2-A	Total/NA	Solid	8082	74015
LCSD 360-74015/3-A	LCSD 360-74015/3-A	Total/NA	Solid	8082	74015
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	8082	74015
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	8082	74015
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	8082	74015
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	8082	74015
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	8082	74015
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	8082	74015

TestAmerica Westfield

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

GC Semi VOA (Continued)

Analysis Batch: 74052 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-8	DUPLICATE-2	Total/NA	Solid	8082	74015
360-33949-9	SB-107 (2.0-2.5')	Total/NA	Solid	8082	74015
360-33949-10	SB-108 (2.0-2.5')	Total/NA	Solid	8082	74015
360-33949-13	SB-110 (2.0-2.5')	Total/NA	Solid	8082	74015
360-33949-13 MS	SB-110 (2.0-2.5')	Total/NA	Solid	8082	74015
360-33949-13 MSD	SB-110 (2.0-2.5')	Total/NA	Solid	8082	74015

Analysis Batch: 74163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-11	SB-109 (2.0-2.5')	Total/NA	Solid	8082	74015
360-33949-12	SB-110 (0-2.5')	Total/NA	Solid	8082	74015

Prep Batch: 74243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74243/1-A	MB 360-74243/1-A	Total/NA	Solid	3546	
LCS 360-74243/2-A	LCS 360-74243/2-A	Total/NA	Solid	3546	
LCSD 360-74243/3-A	LCSD 360-74243/3-A	Total/NA	Solid	3546	
360-33949-9	SB-107 (2.0-2.5')	Total/NA	Solid	3546	
360-33949-10	SB-108 (2.0-2.5')	Total/NA	Solid	3546	
360-33949-11	SB-109 (2.0-2.5')	Total/NA	Solid	3546	
360-33949-12	SB-110 (0-2.5')	Total/NA	Solid	3546	
360-33949-13	SB-110 (2.0-2.5')	Total/NA	Solid	3546	

Analysis Batch: 74255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74243/1-A	MB 360-74243/1-A	Total/NA	Solid	8015B	74243
LCS 360-74243/2-A	LCS 360-74243/2-A	Total/NA	Solid	8015B	74243
LCSD 360-74243/3-A	LCSD 360-74243/3-A	Total/NA	Solid	8015B	74243

Analysis Batch: 74286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-9	SB-107 (2.0-2.5')	Total/NA	Solid	8015B	74243
360-33949-10	SB-108 (2.0-2.5')	Total/NA	Solid	8015B	74243
360-33949-11	SB-109 (2.0-2.5')	Total/NA	Solid	8015B	74243
360-33949-12	SB-110 (0-2.5')	Total/NA	Solid	8015B	74243
360-33949-13	SB-110 (2.0-2.5')	Total/NA	Solid	8015B	74243

Metals

Prep Batch: 74155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74155/1-A	MB 360-74155/1-A	Total/NA	Solid	7471A	
LCSSRM 360-74155/2-A	LCSSRM 360-74155/2-A	Total/NA	Solid	7471A	
LCDSRM 360-74155/3-A	LCDSRM 360-74155/3-A	Total/NA	Solid	7471A	
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	7471A	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	7471A	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	7471A	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	7471A	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	7471A	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	7471A	
360-33949-8	DUPLICATE-2	Total/NA	Solid	7471A	

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Metals (Continued)

Analysis Batch: 74249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74155/1-A	MB 360-74155/1-A	Total/NA	Solid	7471A	74155
LCSSRM 360-74155/2-A	LCSSRM 360-74155/2-A	Total/NA	Solid	7471A	74155
LCDSRM 360-74155/3-A LCDSI	LCDSRM 360-74155/3-A	Total/NA	Solid	7471A	74155
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	7471A	74155
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	7471A	74155
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	7471A	74155
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	7471A	74155
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	7471A	74155
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	7471A	74155
360-33949-8	DUPLICATE-2	Total/NA	Solid	7471A	74155

Prep Batch: 74370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74370/1-A	MB 360-74370/1-A	Total/NA	Solid	3050B	
LCSSRM 360-74370/2-A	LCSSRM 360-74370/2-A	Total/NA	Solid	3050B	
LCDSRM 360-74370/3-A LCDSI	LCDSRM 360-74370/3-A	Total/NA	Solid	3050B	
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	3050B	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	3050B	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	3050B	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	3050B	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	3050B	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	3050B	
360-33949-8	DUPLICATE-2	Total/NA	Solid	3050B	
360-33949-8	DUPLICATE-2	Total/NA	Solid	3050B	

Analysis Batch: 74486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74370/1-A	MB 360-74370/1-A	Total/NA	Solid	6010B	74370
LCSSRM 360-74370/2-A	LCSSRM 360-74370/2-A	Total/NA	Solid	6010B	74370
LCDSRM 360-74370/3-A LCDSI	LCDSRM 360-74370/3-A	Total/NA	Solid	6010B	74370
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	6010B	74370
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	6010B	74370
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	6010B	74370
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	6010B	74370
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	6010B	74370
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	6010B	74370
360-33949-8	DUPLICATE-2	Total/NA	Solid	6010B	74370
360-33949-8	DUPLICATE-2	Total/NA	Solid	6010B	74370

General Chemistry

Analysis Batch: 74396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-1	SB- 101 (1.5-2.0')	Total/NA	Solid	Moisture	
360-33949-2	SB-102 (0-0.9')	Total/NA	Solid	Moisture	
360-33949-3	SB-103 (1.2-1.6')	Total/NA	Solid	Moisture	
360-33949-4	SB-104 (1.3-1.6')	Total/NA	Solid	Moisture	
360-33949-5	SB-105 (0.3-1.9')	Total/NA	Solid	Moisture	
360-33949-6	SB-106 (4.7-6.5')	Total/NA	Solid	Moisture	
360-33949-8	DUPLICATE-2	Total/NA	Solid	Moisture	
360-33949-9	SB-107 (2.0-2.5')	Total/NA	Solid	Moisture	
360-33949-9 DU	SB-107 (2.0-2.5')	Total/NA	Solid	Moisture	

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

General Chemistry (Continued)

Analysis Batch: 74396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-10	SB-108 (2.0-2.5')	Total/NA	Solid	Moisture	
360-33949-11	SB-109 (2.0-2.5')	Total/NA	Solid	Moisture	
360-33949-12	SB-110 (0-2.5')	Total/NA	Solid	Moisture	
360-33949-13	SB-110 (2.0-2.5')	Total/NA	Solid	Moisture	

Analysis Batch: 74526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-33949-7	DUPLICATE-1	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
360-33949-1	SB- 101 (1.5-2.0')	101	99	97
360-33949-2	SB-102 (0-0.9')	101	101	98
360-33949-3	SB-103 (1.2-1.6')	100	99	96
360-33949-4	SB-104 (1.3-1.6')	100	101	97
360-33949-5	SB-105 (0.3-1.9')	100	100	96
360-33949-6	SB-106 (4.7-6.5')	99	101	97
360-33949-7	DUPLICATE-1	100	101	97
360-33949-14	TRIP BLANK	99	101	98
LCS 360-74712/1-A	LCS 360-74712/1-A	96	99	102
LCSD 360-74712/2-A	LCSD 360-74712/2-A	96	101	102
MB 360-74712/3-A	MB 360-74712/3-A	100	102	97

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (30-130)	FBP (30-130)	TPH (30-130)
360-33949-1	SB- 101 (1.5-2.0')	36	35	39
360-33949-2	SB-102 (0-0.9')	29 X	30	37
360-33949-3	SB-103 (1.2-1.6')	17 X	21 X	38
360-33949-3 - RE	SB-103 (1.2-1.6')	51	53	74
360-33949-4	SB-104 (1.3-1.6')	28 X	39	48
360-33949-5	SB-105 (0.3-1.9')	33	38	56
360-33949-6	SB-106 (4.7-6.5')	31	30	44
360-33949-8	DUPLICATE-2	64	70	101
LCS 360-74409/2-A	LCS 360-74409/2-A	73	76	82
LCS 360-74666/2-A	LCS 360-74666/2-A	67	69	80
LCSD 360-74409/3-A	LCSD 360-74409/3-A	72	76	85
LCSD 360-74666/3-A	LCSD 360-74666/3-A	69	70	85
MB 360-74409/1-A	MB 360-74409/1-A	75	79	90
MB 360-74666/1-A	MB 360-74666/1-A	74	70	81

Surrogate Legend

NBZ = Nitrobenzene-d5

FBP = 2-Fluorobiphenyl

TPH = Terphenyl-d14

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		OTPH1 (40-140)		
360-33949-9	SB-107 (2.0-2.5')	84		
360-33949-10	SB-108 (2.0-2.5')	81		
360-33949-11	SB-109 (2.0-2.5')	68		

TestAmerica Westfield

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH1 (40-140)			
360-33949-12	SB-110 (0-2.5')	62			
360-33949-13	SB-110 (2.0-2.5')	83			
LCS 360-74243/2-A	LCS 360-74243/2-A	82			
LCSD 360-74243/3-A	LCSD 360-74243/3-A	89			
MB 360-74243/1-A	MB 360-74243/1-A	79			
Surrogate Legend					
OTPH = o-Terphenyl					

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-33949-1	SB- 101 (1.5-2.0')	126	126	116	115
360-33949-2	SB-102 (0-0.9')	113	125	114	118
360-33949-3	SB-103 (1.2-1.6')	128	127	123	121
360-33949-4	SB-104 (1.3-1.6')	102	110	98	105
360-33949-5	SB-105 (0.3-1.9')	111	125	103	105
360-33949-6	SB-106 (4.7-6.5')	105	111	106	113
360-33949-8	DUPLICATE-2	137	150	119	121
360-33949-9	SB-107 (2.0-2.5')	116	132	104	106
360-33949-10	SB-108 (2.0-2.5')	132	138	113	111
360-33949-11	SB-109 (2.0-2.5')	98	96	95	97
360-33949-12	SB-110 (0-2.5')	97	106	99	111
360-33949-13	SB-110 (2.0-2.5')	128	134	115	114
360-33949-13 MS	SB-110 (2.0-2.5')	119	111	109	105
360-33949-13 MSD	SB-110 (2.0-2.5')	125	130	110	114
LCS 360-74015/2-A	LCS 360-74015/2-A	100	102	108	110
LCSD 360-74015/3-A	LCSD 360-74015/3-A	114	117	112	115
MB 360-74015/1-A	MB 360-74015/1-A	117	126	113	119
Surrogate Legend					
DCB = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 360-74712/3-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: MB 360-74712/3-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1,1-Trichloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1,2,2-Tetrachloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1,2-Trichloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1-Dichloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1-Dichloroethene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,1-Dichloropropene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2,3-Trichlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2,4-Trichlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2,4-Trimethylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2,3-Trichloropropane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2-Dibromo-3-Chloropropane	ND		1200		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2-Dichlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2-Dichloroethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,2-Dichloropropane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,3,5-Trimethylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,3-Dichlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
1,4-Dichlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
2,2-Dichloropropane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Acetone	ND		12000		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Benzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Bromoform	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Bromobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Bromomethane	ND		250		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Carbon tetrachloride	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chlorobenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chlorobromomethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chlorodibromomethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chloroethane	ND		250		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chloroform	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Chloromethane	ND		250		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
cis-1,2-Dichloroethene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
cis-1,3-Dichloropropene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Dibromomethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Dichlorobromomethane	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Ethylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Ethylene Dibromide	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
2-Chlorotoluene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
4-Chlorotoluene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Hexachlorobutadiene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Isopropylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
m-Xylene & p-Xylene	ND		250		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
2-Butanone (MEK)	ND		1200		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
4-Methyl-2-pentanone (MIBK)	ND		1200		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Methylene Chloride	ND		500		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
N-Propylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
n-Butylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Naphthalene	ND		1200		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
o-Xylene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 360-74712/3-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: MB 360-74712/3-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
tert-Butylbenzene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Tetrachloroethene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Toluene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
trans-1,2-Dichloroethene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Trichloroethene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Vinyl chloride	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Methyl tert-butyl ether	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Trichlorofluoromethane	ND		250		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
trans-1,3-Dichloropropene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
Styrene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
2-Hexanone	ND		1200		ug/Kg		06/03/11 09:05	06/03/11 15:37	1
4-Isopropyltoluene	ND		120		ug/Kg		06/03/11 09:05	06/03/11 15:37	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130	06/03/11 09:05	06/03/11 15:37	1
Dibromofluoromethane	102		70 - 130	06/03/11 09:05	06/03/11 15:37	1
Toluene-d8 (Surr)	97		70 - 130	06/03/11 09:05	06/03/11 15:37	1

Lab Sample ID: LCS 360-74712/1-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: LCS 360-74712/1-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	5000	5050		ug/Kg		101	70 - 130
1,1,1-Trichloroethane	5000	5680		ug/Kg		114	70 - 130
1,1,2,2-Tetrachloroethane	5000	4700		ug/Kg		94	70 - 130
1,1,2-Trichloroethane	5000	4950		ug/Kg		99	70 - 130
1,1-Dichloroethane	5000	5180		ug/Kg		104	70 - 130
1,1-Dichloroethene	5000	5880		ug/Kg		118	70 - 130
1,1-Dichloropropene	5000	5680		ug/Kg		114	70 - 130
1,2,3-Trichlorobenzene	5000	5480		ug/Kg		110	70 - 130
1,2,4-Trichlorobenzene	5000	5480		ug/Kg		110	70 - 130
1,2,4-Trimethylbenzene	5000	7280	*	ug/Kg		146	70 - 130
1,2,3-Trichloropropane	5000	4700		ug/Kg		94	70 - 130
1,2-Dibromo-3-Chloropropane	5000	5080		ug/Kg		102	70 - 130
1,2-Dichlorobenzene	5000	5200		ug/Kg		104	70 - 130
1,2-Dichloroethane	5000	4900		ug/Kg		98	70 - 130
1,2-Dichloropropane	5000	4950		ug/Kg		99	70 - 130
1,3,5-Trimethylbenzene	5000	5250		ug/Kg		105	70 - 130
1,3-Dichlorobenzene	5000	5120		ug/Kg		102	70 - 130
1,4-Dichlorobenzene	5000	5020		ug/Kg		100	70 - 130
2,2-Dichloropropane	5000	5620		ug/Kg		112	70 - 130
Acetone	50000	44200		ug/Kg		88	70 - 130
Benzene	5000	5180		ug/Kg		104	70 - 130
Bromoform	5000	5000		ug/Kg		100	70 - 130
Bromobenzene	5000	4780		ug/Kg		96	70 - 130
Bromomethane	5000	5020		ug/Kg		100	70 - 130
Carbon tetrachloride	5000	5780		ug/Kg		116	70 - 130

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QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 360-74712/1-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: LCS 360-74712/1-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chlorobenzene	5000	4950		ug/Kg		99	70 - 130
Chlorobromomethane	5000	5200		ug/Kg		104	70 - 130
Chlorodibromomethane	5000	5380		ug/Kg		108	70 - 130
Chloroethane	5000	5050		ug/Kg		101	70 - 130
Chloroform	5000	5120		ug/Kg		102	70 - 130
Chloromethane	5000	4850		ug/Kg		97	70 - 130
cis-1,2-Dichloroethene	5000	5080		ug/Kg		102	70 - 130
cis-1,3-Dichloropropene	5000	5220		ug/Kg		104	70 - 130
Dibromomethane	5000	4980		ug/Kg		100	70 - 130
Dichlorobromomethane	5000	5080		ug/Kg		102	70 - 130
Ethylbenzene	5000	5050		ug/Kg		101	70 - 130
Ethylene Dibromide	5000	5220		ug/Kg		104	70 - 130
2-Chlorotoluene	5000	5020		ug/Kg		100	70 - 130
4-Chlorotoluene	5000	5000		ug/Kg		100	70 - 130
Hexachlorobutadiene	5000	5920		ug/Kg		118	70 - 130
Isopropylbenzene	5000	5400		ug/Kg		108	70 - 130
m-Xylene & p-Xylene	10000	10200		ug/Kg		102	70 - 130
2-Butanone (MEK)	50000	43100		ug/Kg		86	70 - 130
4-Methyl-2-pentanone (MIBK)	50000	43100		ug/Kg		86	70 - 130
Methylene Chloride	5000	4950		ug/Kg		99	70 - 130
N-Propylbenzene	5000	5220		ug/Kg		104	70 - 130
n-Butylbenzene	5000	5550		ug/Kg		111	70 - 130
Naphthalene	5000	5350		ug/Kg		107	70 - 130
o-Xylene	5000	5080		ug/Kg		102	70 - 130
sec-Butylbenzene	5000	5480		ug/Kg		110	70 - 130
tert-Butylbenzene	5000	5580		ug/Kg		112	70 - 130
Tetrachloroethene	5000	6020		ug/Kg		120	70 - 130
Toluene	5000	5450		ug/Kg		109	70 - 130
trans-1,2-Dichloroethene	5000	5380		ug/Kg		108	70 - 130
Trichloroethene	5000	5450		ug/Kg		109	70 - 130
Vinyl chloride	5000	5380		ug/Kg		108	70 - 130
Methyl tert-butyl ether	5000	4650		ug/Kg		93	70 - 130
Trichlorofluoromethane	5000	6000		ug/Kg		120	70 - 130
trans-1,3-Dichloropropene	5000	5200		ug/Kg		104	70 - 130
Styrene	5000	5180		ug/Kg		104	70 - 130
2-Hexanone	50000	43600		ug/Kg		87	70 - 130
4-Isopropyltoluene	5000	5480		ug/Kg		110	70 - 130

	LCS % Recovery	LCS Qualifier	Limits
Surrogate			
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 360-74712/2-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: LCSD 360-74712/2-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
1,1,1,2-Tetrachloroethane	5000	5320		ug/Kg		106	70 - 130	5	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-74712/2-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: LCSD 360-74712/2-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	5000	5650		ug/Kg		113	70 - 130	0	25
1,1,2,2-Tetrachloroethane	5000	4950		ug/Kg		99	70 - 130	5	25
1,1,2-Trichloroethane	5000	4900		ug/Kg		98	70 - 130	1	25
1,1-Dichloroethane	5000	5050		ug/Kg		101	70 - 130	2	25
1,1-Dichloroethene	5000	5550		ug/Kg		111	70 - 130	6	25
1,1-Dichloropropene	5000	5450		ug/Kg		109	70 - 130	4	25
1,2,3-Trichlorobenzene	5000	5450		ug/Kg		109	70 - 130	0	25
1,2,4-Trichlorobenzene	5000	5480		ug/Kg		110	70 - 130	0	25
1,2,4-Trimethylbenzene	5000	7380	*	ug/Kg		148	70 - 130	1	25
1,2,3-Trichloropropane	5000	4800		ug/Kg		96	70 - 130	2	25
1,2-Dibromo-3-Chloropropane	5000	5300		ug/Kg		106	70 - 130	4	25
1,2-Dichlorobenzene	5000	5350		ug/Kg		107	70 - 130	3	25
1,2-Dichloroethane	5000	4900		ug/Kg		98	70 - 130	0	25
1,2-Dichloropropane	5000	4950		ug/Kg		99	70 - 130	0	25
1,3,5-Trimethylbenzene	5000	5400		ug/Kg		108	70 - 130	3	25
1,3-Dichlorobenzene	5000	5120		ug/Kg		102	70 - 130	0	25
1,4-Dichlorobenzene	5000	5120		ug/Kg		102	70 - 130	2	25
2,2-Dichloropropane	5000	5950		ug/Kg		119	70 - 130	6	25
Acetone	50000	44900		ug/Kg		90	70 - 130	2	25
Benzene	5000	5100		ug/Kg		102	70 - 130	1	25
Bromoform	5000	5220		ug/Kg		104	70 - 130	4	25
Bromobenzene	5000	4820		ug/Kg		96	70 - 130	1	25
Bromomethane	5000	4980		ug/Kg		100	70 - 130	1	25
Carbon tetrachloride	5000	5620		ug/Kg		112	70 - 130	3	25
Chlorobenzene	5000	5000		ug/Kg		100	70 - 130	1	25
Chlorobromomethane	5000	5220		ug/Kg		104	70 - 130	0	25
Chlorodibromomethane	5000	5350		ug/Kg		107	70 - 130	0	25
Chloroethane	5000	5050		ug/Kg		101	70 - 130	0	25
Chloroform	5000	5100		ug/Kg		102	70 - 130	0	25
Chloromethane	5000	4580		ug/Kg		92	70 - 130	6	25
cis-1,2-Dichloroethene	5000	5080		ug/Kg		102	70 - 130	0	25
cis-1,3-Dichloropropene	5000	5120		ug/Kg		102	70 - 130	2	25
Dibromomethane	5000	4980		ug/Kg		100	70 - 130	0	25
Dichlorobromomethane	5000	5080		ug/Kg		102	70 - 130	0	25
Ethylbenzene	5000	5080		ug/Kg		102	70 - 130	0	25
Ethylene Dibromide	5000	5220		ug/Kg		104	70 - 130	0	25
2-Chlorotoluene	5000	5100		ug/Kg		102	70 - 130	1	25
4-Chlorotoluene	5000	4950		ug/Kg		99	70 - 130	1	25
Hexachlorobutadiene	5000	5780		ug/Kg		116	70 - 130	3	25
Isopropylbenzene	5000	5520		ug/Kg		110	70 - 130	2	25
m-Xylene & p-Xylene	10000	10200		ug/Kg		102	70 - 130	0	25
2-Butanone (MEK)	50000	44500		ug/Kg		89	70 - 130	3	25
4-Methyl-2-pentanone (MIBK)	50000	46700		ug/Kg		93	70 - 130	8	25
Methylene Chloride	5000	5050		ug/Kg		101	70 - 130	2	25
N-Propylbenzene	5000	5250		ug/Kg		105	70 - 130	0	25
n-Butylbenzene	5000	5580		ug/Kg		112	70 - 130	0	25
Naphthalene	5000	5420		ug/Kg		108	70 - 130	1	25
o-Xylene	5000	5200		ug/Kg		104	70 - 130	2	25
sec-Butylbenzene	5000	5580		ug/Kg		112	70 - 130	2	25
tert-Butylbenzene	5000	5620		ug/Kg		112	70 - 130	1	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-74712/2-A

Matrix: Solid

Analysis Batch: 74689

Client Sample ID: LCSD 360-74712/2-A

Prep Type: Total/NA

Prep Batch: 74712

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Tetrachloroethene	5000	5850		ug/Kg		117	70 - 130	3	25
Toluene	5000	5320		ug/Kg		106	70 - 130	2	25
trans-1,2-Dichloroethene	5000	5180		ug/Kg		104	70 - 130	4	25
Trichloroethene	5000	5280		ug/Kg		106	70 - 130	3	25
Vinyl chloride	5000	5000		ug/Kg		100	70 - 130	7	25
Methyl tert-butyl ether	5000	5000		ug/Kg		100	70 - 130	7	25
Trichlorofluoromethane	5000	5620		ug/Kg		112	70 - 130	6	25
trans-1,3-Dichloropropene	5000	5020		ug/Kg		100	70 - 130	3	25
Styrene	5000	5200		ug/Kg		104	70 - 130	0	25
2-Hexanone	50000	44700		ug/Kg		89	70 - 130	3	25
4-Isopropyltoluene	5000	5580		ug/Kg		112	70 - 130	2	25

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 360-74409/1-A

Matrix: Solid

Analysis Batch: 74609

Client Sample ID: MB 360-74409/1-A

Prep Type: Total/NA

Prep Batch: 74409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Acenaphthylene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Anthracene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Benzo[a]anthracene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Benzo[g,h,i]perylene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Benzo[a]pyrene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Benzo[k]fluoranthene	ND		180		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Benzo[b]fluoranthene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Chrysene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Dibenz(a,h)anthracene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Fluoranthene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Fluorene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Naphthalene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Phenanthrene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1
Pyrene	ND		170		ug/Kg		05/31/11 11:33	06/02/11 20:45	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	75		30 - 130	05/31/11 11:33	06/02/11 20:45	1
2-Fluorobiphenyl	79		30 - 130	05/31/11 11:33	06/02/11 20:45	1
Terphenyl-d14	90		30 - 130	05/31/11 11:33	06/02/11 20:45	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 360-74409/2-A

Matrix: Solid

Analysis Batch: 74609

Client Sample ID: LCS 360-74409/2-A

Prep Type: Total/NA

Prep Batch: 74409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	1330	1230		ug/Kg		92	40 - 140
Acenaphthylene	1330	1050		ug/Kg		79	40 - 140
Anthracene	1330	1280		ug/Kg		96	40 - 140
Benzo[a]anthracene	1330	1350		ug/Kg		101	40 - 140
Benzo[g,h,i]perylene	1330	1350		ug/Kg		102	40 - 140
Benzo[a]pyrene	1330	1310		ug/Kg		98	40 - 140
Benzo[k]fluoranthene	1330	1420		ug/Kg		106	40 - 140
Benzo[b]fluoranthene	1330	1110		ug/Kg		83	40 - 140
Chrysene	1330	1310		ug/Kg		99	40 - 140
Dibenz(a,h)anthracene	1330	1310		ug/Kg		99	40 - 140
Fluoranthene	1330	1090		ug/Kg		82	40 - 140
Fluorene	1330	1220		ug/Kg		91	40 - 140
Indeno[1,2,3-cd]pyrene	1330	1340		ug/Kg		101	40 - 140
Naphthalene	1330	997		ug/Kg		75	40 - 140
Phenanthrene	1330	1270		ug/Kg		96	40 - 140
Pyrene	1330	1380		ug/Kg		104	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	73		30 - 130
2-Fluorobiphenyl	76		30 - 130
Terphenyl-d14	82		30 - 130

Lab Sample ID: LCSD 360-74409/3-A

Matrix: Solid

Analysis Batch: 74609

Client Sample ID: LCSD 360-74409/3-A

Prep Type: Total/NA

Prep Batch: 74409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	1330	1260		ug/Kg		94	40 - 140	2	30
Acenaphthylene	1330	1090		ug/Kg		82	40 - 140	4	30
Anthracene	1330	1350		ug/Kg		102	40 - 140	5	30
Benzo[a]anthracene	1330	1410		ug/Kg		106	40 - 140	5	30
Benzo[g,h,i]perylene	1330	1440		ug/Kg		108	40 - 140	6	30
Benzo[a]pyrene	1330	1390		ug/Kg		104	40 - 140	6	30
Benzo[k]fluoranthene	1330	1490		ug/Kg		112	40 - 140	5	30
Benzo[b]fluoranthene	1330	1170		ug/Kg		88	40 - 140	5	30
Chrysene	1330	1400		ug/Kg		105	40 - 140	6	30
Dibenz(a,h)anthracene	1330	1420		ug/Kg		106	40 - 140	8	30
Fluoranthene	1330	1190		ug/Kg		89	40 - 140	8	30
Fluorene	1330	1310		ug/Kg		98	40 - 140	7	30
Indeno[1,2,3-cd]pyrene	1330	1430		ug/Kg		107	40 - 140	6	30
Naphthalene	1330	990		ug/Kg		74	40 - 140	1	30
Phenanthrene	1330	1310		ug/Kg		99	40 - 140	3	30
Pyrene	1330	1410		ug/Kg		106	40 - 140	2	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	72		30 - 130
2-Fluorobiphenyl	76		30 - 130
Terphenyl-d14	85		30 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 360-74666/1-A

Matrix: Solid

Analysis Batch: 74695

Client Sample ID: MB 360-74666/1-A

Prep Type: Total/NA

Prep Batch: 74666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Acenaphthylene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Anthracene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Benzo[a]anthracene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Benzo[g,h,i]perylene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Benzo[a]pyrene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Benzo[k]fluoranthene	ND		180		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Benzo[b]fluoranthene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Chrysene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Dibenz(a,h)anthracene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Fluoranthene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Fluorene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Naphthalene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Phenanthrene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1
Pyrene	ND		170		ug/Kg		06/03/11 14:58	06/04/11 13:32	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		30 - 130	06/03/11 14:58	06/04/11 13:32	1
2-Fluorobiphenyl	70		30 - 130	06/03/11 14:58	06/04/11 13:32	1
Terphenyl-d14	81		30 - 130	06/03/11 14:58	06/04/11 13:32	1

Lab Sample ID: LCS 360-74666/2-A

Matrix: Solid

Analysis Batch: 74695

Client Sample ID: LCS 360-74666/2-A

Prep Type: Total/NA

Prep Batch: 74666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	1330	1240		ug/Kg		93	40 - 140
Acenaphthylene	1330	1100		ug/Kg		83	40 - 140
Anthracene	1330	1330		ug/Kg		100	40 - 140
Benzo[a]anthracene	1330	1340		ug/Kg		100	40 - 140
Benzo[g,h,i]perylene	1330	987		ug/Kg		74	40 - 140
Benzo[a]pyrene	1330	1400		ug/Kg		105	40 - 140
Benzo[k]fluoranthene	1330	1460		ug/Kg		110	40 - 140
Benzo[b]fluoranthene	1330	1350		ug/Kg		101	40 - 140
Chrysene	1330	1360		ug/Kg		102	40 - 140
Dibenz(a,h)anthracene	1330	1110		ug/Kg		83	40 - 140
Fluoranthene	1330	1250		ug/Kg		94	40 - 140
Fluorene	1330	1330		ug/Kg		100	40 - 140
Indeno[1,2,3-cd]pyrene	1330	1080		ug/Kg		81	40 - 140
Naphthalene	1330	1070		ug/Kg		80	40 - 140
Phenanthrene	1330	1270		ug/Kg		96	40 - 140
Pyrene	1330	1310		ug/Kg		98	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	67		30 - 130
2-Fluorobiphenyl	69		30 - 130
Terphenyl-d14	80		30 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-74666/3-A

Matrix: Solid

Analysis Batch: 74695

Client Sample ID: LCSD 360-74666/3-A

Prep Type: Total/NA

Prep Batch: 74666

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	1330	1290		ug/Kg		97	40 - 140	4	30
Acenaphthylene	1330	1120		ug/Kg		84	40 - 140	2	30
Anthracene	1330	1370		ug/Kg		103	40 - 140	2	30
Benzo[a]anthracene	1330	1390		ug/Kg		104	40 - 140	4	30
Benzo[g,h,i]perylene	1330	1180		ug/Kg		89	40 - 140	18	30
Benzo[a]pyrene	1330	1430		ug/Kg		107	40 - 140	2	30
Benzo[k]fluoranthene	1330	1340		ug/Kg		100	40 - 140	9	30
Benzo[b]fluoranthene	1330	1440		ug/Kg		108	40 - 140	7	30
Chrysene	1330	1410		ug/Kg		106	40 - 140	3	30
Dibenz(a,h)anthracene	1330	1240		ug/Kg		93	40 - 140	11	30
Fluoranthene	1330	1280		ug/Kg		96	40 - 140	2	30
Fluorene	1330	1370		ug/Kg		103	40 - 140	3	30
Indeno[1,2,3-cd]pyrene	1330	1230		ug/Kg		92	40 - 140	12	30
Naphthalene	1330	1110		ug/Kg		83	40 - 140	4	30
Phenanthrene	1330	1330		ug/Kg		100	40 - 140	4	30
Pyrene	1330	1400		ug/Kg		105	40 - 140	6	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	69		30 - 130
2-Fluorobiphenyl	70		30 - 130
Terphenyl-d14	85		30 - 130

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 360-74243/1-A

Matrix: Solid

Analysis Batch: 74255

Client Sample ID: MB 360-74243/1-A

Prep Type: Total/NA

Prep Batch: 74243

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C9-C36)	ND		3.3		mg/Kg		05/26/11 11:55	05/26/11 14:04	1
Diesel Range Organics [C10-C28]	ND		3.3		mg/Kg		05/26/11 11:55	05/26/11 14:04	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		40 - 140	05/26/11 11:55	05/26/11 14:04	1

Lab Sample ID: LCS 360-74243/2-A

Matrix: Solid

Analysis Batch: 74255

Client Sample ID: LCS 360-74243/2-A

Prep Type: Total/NA

Prep Batch: 74243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Petroleum Hydrocarbons (C9-C36)	167	118		mg/Kg		71	60 - 140
Diesel Range Organics [C10-C28]	167	117		mg/Kg		70	60 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
o-Terphenyl	82		40 - 140

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 360-74243/3-A

Matrix: Solid

Analysis Batch: 74255

Client Sample ID: LCSD 360-74243/3-A

Prep Type: Total/NA

Prep Batch: 74243

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C9-C36)	167	116		mg/Kg		70	60 - 140	2	50
Diesel Range Organics [C10-C28]	167	115		mg/Kg		69	60 - 140	2	50
Surrogate	LCSD % Recovery	LCSD Qualifier	Limits						
<i>o</i> -Terphenyl	89		40 - 140						

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74015/1-A

Matrix: Solid

Analysis Batch: 74052

Client Sample ID: MB 360-74015/1-A

Prep Type: Total/NA

Prep Batch: 74015

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1221	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1232	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1242	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1248	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1254	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1260	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1262	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
PCB-1268	ND		100		ug/Kg		05/23/11 15:06	05/24/11 18:01	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	117		30 - 150				05/23/11 15:06	05/24/11 18:01	1
DCB Decachlorobiphenyl	126		30 - 150				05/23/11 15:06	05/24/11 18:01	1
Tetrachloro-m-xylene	113		30 - 150				05/23/11 15:06	05/24/11 18:01	1
Tetrachloro-m-xylene	119		30 - 150				05/23/11 15:06	05/24/11 18:01	1

Lab Sample ID: LCS 360-74015/2-A

Matrix: Solid

Analysis Batch: 74052

Client Sample ID: LCS 360-74015/2-A

Prep Type: Total/NA

Prep Batch: 74015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	604		ug/Kg		121	40 - 140
PCB-1260	500	578		ug/Kg		116	40 - 140
Surrogate	LCS % Recovery	LCS Qualifier	Limits				
<i>DCB</i> Decachlorobiphenyl	100		30 - 150				
<i>DCB</i> Decachlorobiphenyl	102		30 - 150				
<i>Tetrachloro-m-xylene</i>	108		30 - 150				
<i>Tetrachloro-m-xylene</i>	110		30 - 150				

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 360-74015/3-A

Matrix: Solid

Analysis Batch: 74052

Client Sample ID: LCSD 360-74015/3-A

Prep Type: Total/NA

Prep Batch: 74015

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	660		ug/Kg		132	40 - 140	9	30
PCB-1260	500	652		ug/Kg		130	40 - 140	12	30
Surrogate	LCSD % Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	114		30 - 150						
DCB Decachlorobiphenyl	117		30 - 150						
Tetrachloro-m-xylene	112		30 - 150						
Tetrachloro-m-xylene	115		30 - 150						

Lab Sample ID: 360-33949-13 MS

Matrix: Solid

Analysis Batch: 74052

Client Sample ID: SB-110 (2.0-2.5')

Prep Type: Total/NA

Prep Batch: 74015

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		487	654		ug/Kg	☼	134	40 - 140		
PCB-1260	ND		487	618		ug/Kg	☼	127	40 - 140		
Surrogate	MS % Recovery	MS Qualifier	Limits								
DCB Decachlorobiphenyl	119		30 - 150								
DCB Decachlorobiphenyl	111		30 - 150								
Tetrachloro-m-xylene	109		30 - 150								
Tetrachloro-m-xylene	105		30 - 150								

Lab Sample ID: 360-33949-13 MSD

Matrix: Solid

Analysis Batch: 74052

Client Sample ID: SB-110 (2.0-2.5')

Prep Type: Total/NA

Prep Batch: 74015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		509	700		ug/Kg	☼	138	40 - 140	7	50
PCB-1260	ND		509	702		ug/Kg	☼	138	40 - 140	13	50
Surrogate	MSD % Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	125		30 - 150								
DCB Decachlorobiphenyl	130		30 - 150								
Tetrachloro-m-xylene	110		30 - 150								
Tetrachloro-m-xylene	114		30 - 150								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 360-74370/1-A

Matrix: Solid

Analysis Batch: 74486

Client Sample ID: MB 360-74370/1-A

Prep Type: Total/NA

Prep Batch: 74370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Arsenic	ND		1.0		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Beryllium	ND		0.20		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Cadmium	ND		0.20		mg/Kg		05/31/11 08:29	06/01/11 12:21	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 360-74370/1-A

Matrix: Solid

Analysis Batch: 74486

Client Sample ID: MB 360-74370/1-A

Prep Type: Total/NA

Prep Batch: 74370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.50		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Copper	ND		1.0		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Lead	ND		0.50		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Nickel	ND		1.0		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Selenium	ND		0.50		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Thallium	ND		1.0		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Zinc	ND		2.5		mg/Kg		05/31/11 08:29	06/01/11 12:21	1
Antimony	ND		0.50		mg/Kg		05/31/11 08:29	06/01/11 12:21	1

Lab Sample ID: LCDSRM 360-74370/3-A

LCDSRM

Matrix: Solid

Analysis Batch: 74486

Client Sample ID: LCDSRM 360-74370/3-A

Prep Type: Total/NA

Prep Batch: 74370

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Silver	61.0	50.7		mg/Kg		83	52.5 - 110	3		30
Arsenic	155	119		mg/Kg		77	55.4 - 110	4		30
Beryllium	73.2	51.2		mg/Kg		70	53.3 - 110	4		30
Cadmium	248	167		mg/Kg		67	50.4 - 110	4		30
Chromium	181	128		mg/Kg		71	50.1 - 110	3		30
Copper	131	94.6		mg/Kg		72	52.0 - 111	4		30
Lead	334	242		mg/Kg		73	60.8 - 110	4		30
Nickel	399	272		mg/Kg		68	51.1 - 110	4		30
Selenium	161	106		mg/Kg		66	43.8 - 110	4		30
Thallium	107	77.7		mg/Kg		73	52.2 - 110	4		30
Zinc	278	194		mg/Kg		70	53.2 - 110	4		30
Antimony	216	56.1		mg/Kg		26	10.0 - 110	8		30

Lab Sample ID: LCSSRM 360-74370/2-A

Matrix: Solid

Analysis Batch: 74486

Client Sample ID: LCSSRM 360-74370/2-A

Prep Type: Total/NA

Prep Batch: 74370

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Silver	60.4	52.4		mg/Kg		87	52.5 - 110	
Arsenic	153	124		mg/Kg		81	55.4 - 110	
Beryllium	72.5	53.6		mg/Kg		74	53.3 - 110	
Cadmium	246	174		mg/Kg		71	50.4 - 110	
Chromium	179	132		mg/Kg		74	50.1 - 110	
Copper	130	98.9		mg/Kg		76	52.0 - 111	
Lead	331	252		mg/Kg		76	60.8 - 110	
Nickel	395	284		mg/Kg		72	51.1 - 110	
Selenium	159	110		mg/Kg		69	43.8 - 110	
Thallium	106	80.7		mg/Kg		76	52.2 - 110	
Zinc	275	202		mg/Kg		73	53.2 - 110	
Antimony	214	51.7		mg/Kg		24	10.0 - 110	

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 360-74155/1-A

Matrix: Solid

Analysis Batch: 74249

Client Sample ID: MB 360-74155/1-A

Prep Type: Total/NA

Prep Batch: 74155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg		05/25/11 10:11	05/26/11 11:33	1

Lab Sample ID: LCDSRM 360-74155/3-A

LCDSRM

Matrix: Solid

Analysis Batch: 74249

Client Sample ID: LCDSRM 360-74155/3-A

Prep Type: Total/NA

Prep Batch: 74155

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	23.4	17.2		mg/Kg		74	42.3 - 122	1	30

Lab Sample ID: LCSSRM 360-74155/2-A

Matrix: Solid

Analysis Batch: 74249

Client Sample ID: LCSSRM 360-74155/2-A

Prep Type: Total/NA

Prep Batch: 74155

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	23.4	17.4		mg/Kg		75	42.3 - 122		

Method: Moisture - Percent Moisture

Lab Sample ID: 360-33949-9 DU

Matrix: Solid

Analysis Batch: 74396

Client Sample ID: SB-107 (2.0-2.5')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	8.8		8.7		%		1	20
Percent Solids	91		91		%		0.1	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB- 101 (1.5-2.0')

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-1

Matrix: Solid

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 20:04	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD
Total/NA	Analysis	8270C		1	74695	06/04/11 12:58	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 19:05	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:05	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:11	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-102 (0-0.9')

Date Collected: 05/19/11 10:43

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-2

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 20:28	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD
Total/NA	Analysis	8270C		1	74648	06/03/11 04:27	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 19:26	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:06	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:14	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 20:52	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD
Total/NA	Analysis	8270C		1	74648	06/03/11 05:01	CMR	TAL WFD
Total/NA	Prep	3546	RE		74666	06/03/11 17:00	OG	TAL WFD
Total/NA	Analysis	8270C	RE	1	74695	06/04/11 18:05	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 19:47	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:09	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD

TestAmerica Westfield

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 05/19/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-3

Matrix: Solid

Percent Solids: 30.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	74486	06/01/11 13:17	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 05/19/11 16:30

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-4

Matrix: Solid

Percent Solids: 59.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 21:16	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD
Total/NA	Analysis	8270C		5	74648	06/03/11 06:42	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 20:08	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:11	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:26	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-105 (0.3-1.9')

Date Collected: 05/20/11 11:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-5

Matrix: Solid

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 16:02	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD
Total/NA	Analysis	8270C		5	74648	06/03/11 07:17	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 20:29	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:13	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:29	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 16:26	BW	TAL WFD
Total/NA	Prep	3546			74409	06/01/11 08:24	MJM	TAL WFD

TestAmerica Westfield

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-106 (4.7-6.5')

Date Collected: 05/20/11 12:50

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-6

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	74648	06/03/11 05:35	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 20:50	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:15	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:31	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: DUPLICATE-1

Date Collected: 05/19/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-7

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD
Total/NA	Analysis	8260B		1	74689	06/03/11 21:40	BW	TAL WFD
Total/NA	Analysis	Moisture		1	74526	06/02/11 11:10	EMN	TAL WFD

Client Sample ID: DUPLICATE-2

Date Collected: 05/20/11 12:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-8

Matrix: Solid

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3546			74666	06/03/11 17:00	OG	TAL WFD
Total/NA	Analysis	8270C		5	74695	06/04/11 19:13	CMR	TAL WFD
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 21:12	BRB	TAL WFD
Total/NA	Prep	7471A			74155	05/25/11 10:11	EMN	TAL WFD
Total/NA	Analysis	7471A		1	74249	05/26/11 12:20	TJS	TAL WFD
Total/NA	Prep	3050B			74370	05/31/11 08:29	EMN	TAL WFD
Total/NA	Analysis	6010B		1	74486	06/01/11 13:34	TJS	TAL WFD
Total/NA	Analysis	6010B		2	74486	06/01/11 14:03	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-107 (2.0-2.5')

Date Collected: 05/20/11 13:35

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-9

Matrix: Solid

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 21:33	BRB	TAL WFD
Total/NA	Prep	3546			74243	05/26/11 11:55	BRB	TAL WFD
Total/NA	Analysis	8015B		1	74286	05/27/11 11:12	CT	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

TestAmerica Westfield

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: SB-108 (2.0-2.5')

Date Collected: 05/20/11 13:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-10

Matrix: Solid

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 21:54	BRB	TAL WFD
Total/NA	Prep	3546			74243	05/26/11 11:55	BRB	TAL WFD
Total/NA	Analysis	8015B		1	74286	05/27/11 11:41	CT	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-109 (2.0-2.5')

Date Collected: 05/20/11 13:55

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-11

Matrix: Solid

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74163	05/25/11 11:10	BRB	TAL WFD
Total/NA	Prep	3546			74243	05/26/11 11:55	BRB	TAL WFD
Total/NA	Analysis	8015B		1	74286	05/27/11 12:11	CT	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-110 (0-2.5')

Date Collected: 05/20/11 14:00

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-12

Matrix: Solid

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74163	05/25/11 11:32	BRB	TAL WFD
Total/NA	Prep	3546			74243	05/26/11 11:55	BRB	TAL WFD
Total/NA	Analysis	8015B		1	74286	05/27/11 12:41	CT	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: SB-110 (2.0-2.5')

Date Collected: 05/20/11 14:02

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-13

Matrix: Solid

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74015	05/23/11 15:06	BRB	TAL WFD
Total/NA	Analysis	8082		1	74052	05/24/11 22:57	BRB	TAL WFD
Total/NA	Prep	3546			74243	05/26/11 11:55	BRB	TAL WFD
Total/NA	Analysis	8015B		1	74286	05/27/11 13:40	CT	TAL WFD
Total/NA	Analysis	Moisture		1	74396	05/31/11 10:41	EMN	TAL WFD

Client Sample ID: TRIP BLANK

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			74712	06/03/11 09:05	BW	TAL WFD

TestAmerica Westfield

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Client Sample ID: TRIP BLANK

Date Collected: 05/19/11 09:45

Date Received: 05/21/11 11:40

Lab Sample ID: 360-33949-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	74689	06/03/11 22:05	BW	TAL WFD

Laboratory References:
TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

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Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-33949-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-33949-1

Login Number: 33949

List Source: TestAmerica Westfield

List Number: 1

Creator: Stewart, Alyse M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

360-33044

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Shawn Donovan		Lab PM: Becky Mason		Carrier Tracking No(s):		COC No: 015149	
Client Contact: Kevin McAleer		Phone: 802-922-3447		E-Mail: DONOVAN@WSE.INK		Page: 3		Job #: 36002674	
Company: WSE		Due Date Requested:		Analysis Requested		Preservation Codes:		Regulatory programs:	
Address: P.O. Box 189		TAT Requested (days):		Field Filled Sample?		A - HCL		MCP	
City: WATERBURY		Quote #:		Perform MS/MSD?		B - NaOH		GW1/S1	
State, Zip: VT, 05676		PO #:		Field Filled Sample?		C - Zn Acetate		RCP	
Phone: 802-244-5051		WO #:		Field Filled Sample?		D - Nitric Acid		DEP Form	
Email: McAleer@WSE.INK.COM		SSOW#:		Field Filled Sample?		E - NaHSO4		EDD Required	
Project Name/Number: MWL GELSTIMMILL-CARAMELY		Matrix (Volatile, Semi-solid, O-waste, BT-Tissue, A-air)		Field Filled Sample?		F - MeOH			
Site:		Sample Date		Sample Time		G - Grab			
Sample Identification		Sample Date		Sample Time		H - Ascorbic Acid			
SB-101 (1.5-2.0')		5/19/11		0945		I - Ice			
SB-102 (0-0.9')				1043		Z - other (specify)			
SB-103 (1.2-1.6')				1400					
SB-104 (1.3-1.6')				1630					
SB-105 (0.3-1.1')		5/20/11		1150					
SB-106 (4.7-6.5')		5/20/11		1250					
DUPLICATE - 1		5/19/11		1200					
DUPLICATE - 2		5/20/11		1200					
SB-107 (2.0-2.5')		5/20/11		1335					
SB-108 (2.0-2.5')		5/20/11		1345					
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client		Disposal By Lab		Archive For	
Non-Hazard		Flammable		Skin Irritant		Poison B		Unknown	
Deliverable Requested: I, II, III, IV, Other (specify)		Radiological		Special Instructions/QC Requirements:					
Relinquished by: Shawn L Martin		Date/Time: 5/20/11 1705		Company: WSE		Received by: Shawn L Martin		Date/Time: 05/20/11 1705	
Relinquished by: Shawn L Martin		Date/Time: 05/20/11 1710		Company: TA		Received by: Shawn L Martin		Date/Time: 05/20/11 1710	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: (X) Yes () No		Custody, Seal No: 107249		Date/Time: 5/20/11 1705		Company: TA		Date/Time: 05/20/11 1705	
Cooler Temperature (C) and Other Remarks: 2.8 C / ice									

Chain of Custody Record

310-330440

Client Information Client Contact: <u>KEVIN McALEER</u> Company: <u>WSE</u> Address: <u>P.O. Box 189</u> City: <u>WATERBURY</u> State, Zip: <u>VT, 05676</u> Phone: <u>802-244-5051</u> Email: <u>McALEER@WSEINC.COM</u> Project Name/Number: <u>PAWL CRYSTMILL - Creamery</u> Site:		Sample: <u>SHAWN DONOVAN</u> Lab PM: <u>Becky Mason</u> Phone: <u>802-922-3447</u> E-Mail: <u>DONOVAN@WSE.COM</u>		Carrier Tracking No(s): Page: <u>2 of 2</u> Job #: <u>3602674</u>		COC No: <u>015151</u>	
Analysis Requested Due Date Requested: TAT Requested (days): Quote #: PO #: WO #: SSOW#:				Preservation Codes: A - HCL J - DI Water B - NaOH M - Hexane C - Zn Acetate N - None D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 H - Ascorbic Acid S - H2SO4 L - Ice Z - other (specify)			
Regulatory programs: MCP ☐ GW1/S1 RCP ☐ CT RSR DEP Form ☐ EDD Required ☐				Total Number of containers			
Special Instructions/Note:				Special Instructions/Note:			
Sample Identification SB-109 (2.0-2.5') SB-110 (0-2.5') SB-110 (2.0-2.5') TRIPBLANK				Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air) Sample Type (C=comp, G=grab) Sample Time Sample Date Preservation Code			
Perform MS/MSD? Field Filtered Sample? Sampler's Initials				Perform MS/MSD? Field Filtered Sample? Sampler's Initials			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Relinquished by: <u>Shawn Donovan</u> Relinquished by: <u>Becky Mason</u> Relinquished by:				Special Instructions/QC Requirements:			
Date/Time: <u>5/20/11 1705</u> Date/Time: <u>5/20/11 1710</u> Date/Time:				Date/Time: <u>05/20/11 1705</u> Date/Time: <u>5/20/11 1740</u> Date/Time:			
Company: <u>WSE</u> Company: <u>TA</u> Company:				Company: <u>TA</u> Company: <u>TA</u> Company:			
Custody Seals intact: <u>Yes</u> ☒ No ☐ Custody Seal No: <u>101299</u> Files: <u>2245 2053 0640</u>				Cooler Temperature(s) and Other Remarks: <u>2.5°C / 1°C</u>			

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34015-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/02/2011 03:11:48 PM

Joe Chimi

Report Production Representative

joe.chimi@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

LINKS

Review your project
results through

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Have a Question?



Visit us at:

www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Job ID: 360-34015-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/25/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 5.8, 6.4 and 7.8 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples CB4-1 (360-34015-1), CB4-2 (360-34015-2), CB4-3 (360-34015-3), CB4-4 (360-34015-4), CB4-5 (360-34015-5), CB4-6 (360-34015-6), CB3-7 (360-34015-7), CB3-8 (360-34015-8), CB3-9 (360-34015-9), DUPLICATE-3 (360-34015-10), CB3-10 (360-34015-11), CB3-11 (360-34015-12), CB3-12 (360-34015-13), CB2-13 (360-34015-14), CB2-14 (360-34015-15), CB2-15 (360-34015-16), CB2-16 (360-34015-17), CB2-17 (360-34015-18), CB2-18 (360-34015-19) and GB4-19 (360-34015-20) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 05/26/2011 and analyzed on 05/31/2011 and 06/01/2011.

PCB-1260 and DCB Decachlorobiphenyl failed the criteria low for the opening continuing calibration verification (CCV) associated with the following samples (secondary column only): LCS 360-74290/2-A, LCSD 360-74290/3-A, MB 360-74290/1-A, CB4-1 (360-34015-1), CB4-2 (360-34015-2), CB4-3 (360-34015-3), CB4-4 (360-34015-4), CB4-5 (360-34015-5), CB4-6 (360-34015-6), CB3-7 (360-34015-7), CB3-8 (360-34015-8), CB3-9 (360-34015-9) and DUPLICATE-3 (360-34015-10). PCB-1260 failed the criteria high for the closing CCV associated with these samples (primary column only). PCB-1260 failed the criteria high for the opening CCV associated with the following samples (primary column only): CB3-10 (360-34015-11), CB3-11 (360-34015-12), CB3-12 (360-34015-13), CB2-13 (360-34015-14), CB2-14 (360-34015-15), CB2-15 (360-34015-16), CB2-16 (360-34015-17), CB2-17 (360-34015-18), CB2-18 (360-34015-19) and GB4-19 (360-34015-20). PCB-1016, PCB-1260, DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the criteria high for the closing CCV associated with these samples (primary column only).

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples CB4-1 (360-34015-1), CB4-2 (360-34015-2), CB4-3 (360-34015-3), CB4-4 (360-34015-4), CB4-5 (360-34015-5), CB4-6 (360-34015-6), CB3-7 (360-34015-7), CB3-8 (360-34015-8), CB3-9 (360-34015-9), DUPLICATE-3 (360-34015-10), CB3-10 (360-34015-11), CB3-11 (360-34015-12), CB3-12 (360-34015-13), CB2-13 (360-34015-14), CB2-14 (360-34015-15), CB2-15 (360-34015-16), CB2-16 (360-34015-17), CB2-17 (360-34015-18), CB2-18 (360-34015-19) and GB4-19 (360-34015-20) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/01/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB4-1

Lab Sample ID: 360-34015-1

No Detections.

Client Sample ID: CB4-2

Lab Sample ID: 360-34015-2

No Detections.

Client Sample ID: CB4-3

Lab Sample ID: 360-34015-3

No Detections.

Client Sample ID: CB4-4

Lab Sample ID: 360-34015-4

No Detections.

Client Sample ID: CB4-5

Lab Sample ID: 360-34015-5

No Detections.

Client Sample ID: CB4-6

Lab Sample ID: 360-34015-6

No Detections.

Client Sample ID: CB3-7

Lab Sample ID: 360-34015-7

No Detections.

Client Sample ID: CB3-8

Lab Sample ID: 360-34015-8

No Detections.

Client Sample ID: CB3-9

Lab Sample ID: 360-34015-9

No Detections.

Client Sample ID: DUPLICATE-3

Lab Sample ID: 360-34015-10

No Detections.

Client Sample ID: CB3-10

Lab Sample ID: 360-34015-11

No Detections.

Client Sample ID: CB3-11

Lab Sample ID: 360-34015-12

No Detections.

Client Sample ID: CB3-12

Lab Sample ID: 360-34015-13

No Detections.

Client Sample ID: CB2-13

Lab Sample ID: 360-34015-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1254	1700		220		ug/Kg	1		8082		Total/NA

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB2-14

Lab Sample ID: 360-34015-15

No Detections.

Client Sample ID: CB2-15

Lab Sample ID: 360-34015-16

No Detections.

Client Sample ID: CB2-16

Lab Sample ID: 360-34015-17

No Detections.

Client Sample ID: CB2-17

Lab Sample ID: 360-34015-18

No Detections.

Client Sample ID: CB2-18

Lab Sample ID: 360-34015-19

No Detections.

Client Sample ID: GB4-19

Lab Sample ID: 360-34015-20

No Detections.

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34015-1	CB4-1	Solid	05/23/11 11:55	05/25/11 10:10
360-34015-2	CB4-2	Solid	05/23/11 12:05	05/25/11 10:10
360-34015-3	CB4-3	Solid	05/23/11 12:15	05/25/11 10:10
360-34015-4	CB4-4	Solid	05/23/11 12:40	05/25/11 10:10
360-34015-5	CB4-5	Solid	05/23/11 13:00	05/25/11 10:10
360-34015-6	CB4-6	Solid	05/23/11 13:05	05/25/11 10:10
360-34015-7	CB3-7	Solid	05/23/11 13:15	05/25/11 10:10
360-34015-8	CB3-8	Solid	05/23/11 14:30	05/25/11 10:10
360-34015-9	CB3-9	Solid	05/23/11 14:45	05/25/11 10:10
360-34015-10	DUPLICATE-3	Solid	05/23/11 12:00	05/25/11 10:10
360-34015-11	CB3-10	Solid	05/23/11 15:10	05/25/11 10:10
360-34015-12	CB3-11	Solid	05/23/11 15:25	05/25/11 10:10
360-34015-13	CB3-12	Solid	05/23/11 15:35	05/25/11 10:10
360-34015-14	CB2-13	Solid	05/24/11 09:16	05/25/11 10:10
360-34015-15	CB2-14	Solid	05/24/11 09:35	05/25/11 10:10
360-34015-16	CB2-15	Solid	05/24/11 09:45	05/25/11 10:10
360-34015-17	CB2-16	Solid	05/24/11 09:55	05/25/11 10:10
360-34015-18	CB2-17	Solid	05/24/11 10:10	05/25/11 10:10
360-34015-19	CB2-18	Solid	05/24/11 10:20	05/25/11 10:10
360-34015-20	GB4-19	Solid	05/24/11 11:55	05/25/11 10:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: CB4-1

Date Collected: 05/23/11 11:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-1

Matrix: Solid

Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1221	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1232	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		30 - 150				05/26/11 14:00	05/31/11 18:14	1
DCB Decachlorobiphenyl	77		30 - 150				05/26/11 14:00	05/31/11 18:14	1
Tetrachloro-m-xylene	101		30 - 150				05/26/11 14:00	05/31/11 18:14	1
Tetrachloro-m-xylene	84		30 - 150				05/26/11 14:00	05/31/11 18:14	1

Client Sample ID: CB4-2

Date Collected: 05/23/11 12:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-2

Matrix: Solid

Percent Solids: 89.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1221	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1232	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:36	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150				05/26/11 14:00	05/31/11 18:36	1
DCB Decachlorobiphenyl	86		30 - 150				05/26/11 14:00	05/31/11 18:36	1
Tetrachloro-m-xylene	108		30 - 150				05/26/11 14:00	05/31/11 18:36	1
Tetrachloro-m-xylene	88		30 - 150				05/26/11 14:00	05/31/11 18:36	1

Client Sample ID: CB4-3

Date Collected: 05/23/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-3

Matrix: Solid

Percent Solids: 92.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1221	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1232	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 18:57	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		30 - 150				05/26/11 14:00	05/31/11 18:57	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CB4-3

Date Collected: 05/23/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-3

Matrix: Solid

Percent Solids: 92.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		30 - 150	05/26/11 14:00	05/31/11 18:57	1
Tetrachloro-m-xylene	90		30 - 150	05/26/11 14:00	05/31/11 18:57	1
Tetrachloro-m-xylene	76		30 - 150	05/26/11 14:00	05/31/11 18:57	1

Client Sample ID: CB4-4

Date Collected: 05/23/11 12:40

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-4

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:19	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150				05/26/11 14:00	05/31/11 19:19	1
DCB Decachlorobiphenyl	88		30 - 150				05/26/11 14:00	05/31/11 19:19	1
Tetrachloro-m-xylene	100		30 - 150				05/26/11 14:00	05/31/11 19:19	1
Tetrachloro-m-xylene	84		30 - 150				05/26/11 14:00	05/31/11 19:19	1

Client Sample ID: CB4-5

Date Collected: 05/23/11 13:00

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-5

Matrix: Solid

Percent Solids: 90.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 19:41	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		30 - 150				05/26/11 14:00	05/31/11 19:41	1
DCB Decachlorobiphenyl	73		30 - 150				05/26/11 14:00	05/31/11 19:41	1
Tetrachloro-m-xylene	102		30 - 150				05/26/11 14:00	05/31/11 19:41	1
Tetrachloro-m-xylene	84		30 - 150				05/26/11 14:00	05/31/11 19:41	1

Client Sample ID: CB4-6

Date Collected: 05/23/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-6

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 20:02	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 20:02	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 20:02	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CB4-6

Date Collected: 05/23/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-6

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		30 - 150	05/26/11 14:00	05/31/11 20:02	1
DCB Decachlorobiphenyl	65		30 - 150	05/26/11 14:00	05/31/11 20:02	1
Tetrachloro-m-xylene	79		30 - 150	05/26/11 14:00	05/31/11 20:02	1
Tetrachloro-m-xylene	63		30 - 150	05/26/11 14:00	05/31/11 20:02	1

Client Sample ID: CB3-7

Date Collected: 05/23/11 13:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-7

Matrix: Solid

Percent Solids: 89.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	05/26/11 14:00	05/31/11 20:24	1
DCB Decachlorobiphenyl	75		30 - 150	05/26/11 14:00	05/31/11 20:24	1
Tetrachloro-m-xylene	54		30 - 150	05/26/11 14:00	05/31/11 20:24	1
Tetrachloro-m-xylene	61		30 - 150	05/26/11 14:00	05/31/11 20:24	1

Client Sample ID: CB3-8

Date Collected: 05/23/11 14:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-8

Matrix: Solid

Percent Solids: 90.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:45	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		30 - 150	05/26/11 14:00	05/31/11 20:45	1
DCB Decachlorobiphenyl	72		30 - 150	05/26/11 14:00	05/31/11 20:45	1
Tetrachloro-m-xylene	87		30 - 150	05/26/11 14:00	05/31/11 20:45	1
Tetrachloro-m-xylene	65		30 - 150	05/26/11 14:00	05/31/11 20:45	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB3-9

Date Collected: 05/23/11 14:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-9

Matrix: Solid

Percent Solids: 91.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 21:07	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		30 - 150				05/26/11 14:00	05/31/11 21:07	1
DCB Decachlorobiphenyl	81		30 - 150				05/26/11 14:00	05/31/11 21:07	1
Tetrachloro-m-xylene	91		30 - 150				05/26/11 14:00	05/31/11 21:07	1
Tetrachloro-m-xylene	71		30 - 150				05/26/11 14:00	05/31/11 21:07	1

Client Sample ID: DUPLICATE-3

Date Collected: 05/23/11 12:00

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-10

Matrix: Solid

Percent Solids: 91.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		30 - 150				05/26/11 14:00	05/31/11 21:29	1
DCB Decachlorobiphenyl	70		30 - 150				05/26/11 14:00	05/31/11 21:29	1
Tetrachloro-m-xylene	87		30 - 150				05/26/11 14:00	05/31/11 21:29	1
Tetrachloro-m-xylene	68		30 - 150				05/26/11 14:00	05/31/11 21:29	1

Client Sample ID: CB3-10

Date Collected: 05/23/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-11

Matrix: Solid

Percent Solids: 90.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 22:34	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		30 - 150				05/26/11 14:00	05/31/11 22:34	1
DCB Decachlorobiphenyl	80		30 - 150				05/26/11 14:00	05/31/11 22:34	1
Tetrachloro-m-xylene	86		30 - 150				05/26/11 14:00	05/31/11 22:34	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CB3-10

Date Collected: 05/23/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-11

Matrix: Solid

Percent Solids: 90.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		30 - 150	05/26/11 14:00	05/31/11 22:34	1

Client Sample ID: CB3-11

Date Collected: 05/23/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-12

Matrix: Solid

Percent Solids: 90.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1221	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1232	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 22:56	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		30 - 150				05/26/11 14:00	05/31/11 22:56	1
DCB Decachlorobiphenyl	78		30 - 150				05/26/11 14:00	05/31/11 22:56	1
Tetrachloro-m-xylene	103		30 - 150				05/26/11 14:00	05/31/11 22:56	1
Tetrachloro-m-xylene	81		30 - 150				05/26/11 14:00	05/31/11 22:56	1

Client Sample ID: CB3-12

Date Collected: 05/23/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-13

Matrix: Solid

Percent Solids: 87.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:17	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		30 - 150				05/26/11 14:00	05/31/11 23:17	1
DCB Decachlorobiphenyl	68		30 - 150				05/26/11 14:00	05/31/11 23:17	1
Tetrachloro-m-xylene	85		30 - 150				05/26/11 14:00	05/31/11 23:17	1
Tetrachloro-m-xylene	59		30 - 150				05/26/11 14:00	05/31/11 23:17	1

Client Sample ID: CB2-13

Date Collected: 05/24/11 09:16

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-14

Matrix: Solid

Percent Solids: 88.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:39	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:39	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:39	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:39	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 23:39	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CB2-13

Date Collected: 05/24/11 09:16

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-14

Matrix: Solid

Percent Solids: 88.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	1700		220		ug/Kg	☼	05/26/11 14:00	05/31/11 23:39	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 23:39	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 23:39	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 23:39	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		30 - 150				05/26/11 14:00	05/31/11 23:39	1
DCB Decachlorobiphenyl	69		30 - 150				05/26/11 14:00	05/31/11 23:39	1
Tetrachloro-m-xylene	78		30 - 150				05/26/11 14:00	05/31/11 23:39	1
Tetrachloro-m-xylene	64		30 - 150				05/26/11 14:00	05/31/11 23:39	1

Client Sample ID: CB2-14

Date Collected: 05/24/11 09:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-15

Matrix: Solid

Percent Solids: 88.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150				05/26/11 14:00	06/01/11 00:01	1
DCB Decachlorobiphenyl	75		30 - 150				05/26/11 14:00	06/01/11 00:01	1
Tetrachloro-m-xylene	103		30 - 150				05/26/11 14:00	06/01/11 00:01	1
Tetrachloro-m-xylene	85		30 - 150				05/26/11 14:00	06/01/11 00:01	1

Client Sample ID: CB2-15

Date Collected: 05/24/11 09:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-16

Matrix: Solid

Percent Solids: 88.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	06/01/11 00:22	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	104		30 - 150				05/26/11 14:00	06/01/11 00:22	1
DCB Decachlorobiphenyl	81		30 - 150				05/26/11 14:00	06/01/11 00:22	1
Tetrachloro-m-xylene	105		30 - 150				05/26/11 14:00	06/01/11 00:22	1
Tetrachloro-m-xylene	86		30 - 150				05/26/11 14:00	06/01/11 00:22	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: CB2-16

Date Collected: 05/24/11 09:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-17

Matrix: Solid

Percent Solids: 87.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 00:44	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		30 - 150				05/26/11 14:00	06/01/11 00:44	1
DCB Decachlorobiphenyl	49		30 - 150				05/26/11 14:00	06/01/11 00:44	1
Tetrachloro-m-xylene	77		30 - 150				05/26/11 14:00	06/01/11 00:44	1
Tetrachloro-m-xylene	60		30 - 150				05/26/11 14:00	06/01/11 00:44	1

Client Sample ID: CB2-17

Date Collected: 05/24/11 10:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-18

Matrix: Solid

Percent Solids: 87.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1221	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1232	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1242	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1248	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1254	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1260	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1262	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
PCB-1268	ND		230		ug/Kg	✱	05/26/11 14:00	06/01/11 01:06	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		30 - 150				05/26/11 14:00	06/01/11 01:06	1
DCB Decachlorobiphenyl	74		30 - 150				05/26/11 14:00	06/01/11 01:06	1
Tetrachloro-m-xylene	101		30 - 150				05/26/11 14:00	06/01/11 01:06	1
Tetrachloro-m-xylene	81		30 - 150				05/26/11 14:00	06/01/11 01:06	1

Client Sample ID: CB2-18

Date Collected: 05/24/11 10:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-19

Matrix: Solid

Percent Solids: 88.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	06/01/11 01:27	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150				05/26/11 14:00	06/01/11 01:27	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CB2-18

Date Collected: 05/24/11 10:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-19

Matrix: Solid

Percent Solids: 88.4

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		30 - 150	05/26/11 14:00	06/01/11 01:27	1
Tetrachloro-m-xylene	82		30 - 150	05/26/11 14:00	06/01/11 01:27	1
Tetrachloro-m-xylene	76		30 - 150	05/26/11 14:00	06/01/11 01:27	1

Client Sample ID: GB4-19

Date Collected: 05/24/11 11:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-20

Matrix: Solid

Percent Solids: 92.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	06/01/11 01:49	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		30 - 150	05/26/11 14:00	06/01/11 01:49	1
DCB Decachlorobiphenyl	82		30 - 150	05/26/11 14:00	06/01/11 01:49	1
Tetrachloro-m-xylene	107		30 - 150	05/26/11 14:00	06/01/11 01:49	1
Tetrachloro-m-xylene	86		30 - 150	05/26/11 14:00	06/01/11 01:49	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

General Chemistry

Client Sample ID: CB4-1
Date Collected: 05/23/11 11:55
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-1
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/01/11 14:25	1
Percent Solids	89		1.0		%			06/01/11 14:25	1

Client Sample ID: CB4-2
Date Collected: 05/23/11 12:05
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-2
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/01/11 14:25	1
Percent Solids	90		1.0		%			06/01/11 14:25	1

Client Sample ID: CB4-3
Date Collected: 05/23/11 12:15
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-3
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		1.0		%			06/01/11 14:25	1
Percent Solids	92		1.0		%			06/01/11 14:25	1

Client Sample ID: CB4-4
Date Collected: 05/23/11 12:40
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-4
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		1.0		%			06/01/11 14:25	1
Percent Solids	92		1.0		%			06/01/11 14:25	1

Client Sample ID: CB4-5
Date Collected: 05/23/11 13:00
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-5
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.3		1.0		%			06/01/11 14:25	1
Percent Solids	91		1.0		%			06/01/11 14:25	1

Client Sample ID: CB4-6
Date Collected: 05/23/11 13:05
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-6
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		1.0		%			06/01/11 14:25	1
Percent Solids	92		1.0		%			06/01/11 14:25	1

Client Sample ID: CB3-7
Date Collected: 05/23/11 13:15
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-7
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/01/11 14:25	1
Percent Solids	90		1.0		%			06/01/11 14:25	1

Client Sample ID: CB3-8
Date Collected: 05/23/11 14:30
Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-8
Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		1.0		%			06/01/11 14:25	1
Percent Solids	90		1.0		%			06/01/11 14:25	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

General Chemistry

Client Sample ID: CB3-9

Date Collected: 05/23/11 14:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		1.0		%			06/01/11 14:25	1
Percent Solids	92		1.0		%			06/01/11 14:25	1

Client Sample ID: DUPLICATE-3

Date Collected: 05/23/11 12:00

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.8		1.0		%			06/01/11 14:25	1
Percent Solids	91		1.0		%			06/01/11 14:25	1

Client Sample ID: CB3-10

Date Collected: 05/23/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.5		1.0		%			06/01/11 14:25	1
Percent Solids	90		1.0		%			06/01/11 14:25	1

Client Sample ID: CB3-11

Date Collected: 05/23/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.6		1.0		%			06/01/11 14:25	1
Percent Solids	90		1.0		%			06/01/11 14:25	1

Client Sample ID: CB3-12

Date Collected: 05/23/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:25	1
Percent Solids	88		1.0		%			06/01/11 14:25	1

Client Sample ID: CB2-13

Date Collected: 05/24/11 09:16

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:25	1
Percent Solids	88		1.0		%			06/01/11 14:25	1

Client Sample ID: CB2-14

Date Collected: 05/24/11 09:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/01/11 14:25	1
Percent Solids	89		1.0		%			06/01/11 14:25	1

Client Sample ID: CB2-15

Date Collected: 05/24/11 09:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/01/11 14:25	1
Percent Solids	89		1.0		%			06/01/11 14:25	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

General Chemistry

Client Sample ID: CB2-16

Date Collected: 05/24/11 09:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:25	1
Percent Solids	88		1.0		%			06/01/11 14:25	1

Client Sample ID: CB2-17

Date Collected: 05/24/11 10:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:25	1
Percent Solids	88		1.0		%			06/01/11 14:25	1

Client Sample ID: CB2-18

Date Collected: 05/24/11 10:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:25	1
Percent Solids	88		1.0		%			06/01/11 14:25	1

Client Sample ID: GB4-19

Date Collected: 05/24/11 11:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-20

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

GC Semi VOA

Prep Batch: 74290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74290/1-A	MB 360-74290/1-A	Total/NA	Solid	3540C	
LCS 360-74290/2-A	LCS 360-74290/2-A	Total/NA	Solid	3540C	
LCSD 360-74290/3-A	LCSD 360-74290/3-A	Total/NA	Solid	3540C	
360-34015-1	CB4-1	Total/NA	Solid	3540C	
360-34015-2	CB4-2	Total/NA	Solid	3540C	
360-34015-3	CB4-3	Total/NA	Solid	3540C	
360-34015-4	CB4-4	Total/NA	Solid	3540C	
360-34015-5	CB4-5	Total/NA	Solid	3540C	
360-34015-6	CB4-6	Total/NA	Solid	3540C	
360-34015-7	CB3-7	Total/NA	Solid	3540C	
360-34015-8	CB3-8	Total/NA	Solid	3540C	
360-34015-9	CB3-9	Total/NA	Solid	3540C	
360-34015-10	DUPLICATE-3	Total/NA	Solid	3540C	
360-34015-11	CB3-10	Total/NA	Solid	3540C	
360-34015-12	CB3-11	Total/NA	Solid	3540C	
360-34015-13	CB3-12	Total/NA	Solid	3540C	
360-34015-14	CB2-13	Total/NA	Solid	3540C	
360-34015-15	CB2-14	Total/NA	Solid	3540C	
360-34015-16	CB2-15	Total/NA	Solid	3540C	
360-34015-17	CB2-16	Total/NA	Solid	3540C	
360-34015-18	CB2-17	Total/NA	Solid	3540C	
360-34015-19	CB2-18	Total/NA	Solid	3540C	
360-34015-20	GB4-19	Total/NA	Solid	3540C	

Analysis Batch: 74376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74290/1-A	MB 360-74290/1-A	Total/NA	Solid	8082	74290
LCS 360-74290/2-A	LCS 360-74290/2-A	Total/NA	Solid	8082	74290
LCSD 360-74290/3-A	LCSD 360-74290/3-A	Total/NA	Solid	8082	74290
360-34015-1	CB4-1	Total/NA	Solid	8082	74290
360-34015-2	CB4-2	Total/NA	Solid	8082	74290
360-34015-3	CB4-3	Total/NA	Solid	8082	74290
360-34015-4	CB4-4	Total/NA	Solid	8082	74290
360-34015-5	CB4-5	Total/NA	Solid	8082	74290
360-34015-6	CB4-6	Total/NA	Solid	8082	74290
360-34015-7	CB3-7	Total/NA	Solid	8082	74290
360-34015-8	CB3-8	Total/NA	Solid	8082	74290
360-34015-9	CB3-9	Total/NA	Solid	8082	74290
360-34015-10	DUPLICATE-3	Total/NA	Solid	8082	74290
360-34015-11	CB3-10	Total/NA	Solid	8082	74290
360-34015-12	CB3-11	Total/NA	Solid	8082	74290
360-34015-13	CB3-12	Total/NA	Solid	8082	74290
360-34015-14	CB2-13	Total/NA	Solid	8082	74290
360-34015-15	CB2-14	Total/NA	Solid	8082	74290
360-34015-16	CB2-15	Total/NA	Solid	8082	74290
360-34015-17	CB2-16	Total/NA	Solid	8082	74290
360-34015-18	CB2-17	Total/NA	Solid	8082	74290
360-34015-19	CB2-18	Total/NA	Solid	8082	74290
360-34015-20	GB4-19	Total/NA	Solid	8082	74290

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

General Chemistry

Analysis Batch: 74481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34015-1	CB4-1	Total/NA	Solid	Moisture	
360-34015-2	CB4-2	Total/NA	Solid	Moisture	
360-34015-3	CB4-3	Total/NA	Solid	Moisture	
360-34015-4	CB4-4	Total/NA	Solid	Moisture	
360-34015-5	CB4-5	Total/NA	Solid	Moisture	
360-34015-6	CB4-6	Total/NA	Solid	Moisture	
360-34015-7	CB3-7	Total/NA	Solid	Moisture	
360-34015-8	CB3-8	Total/NA	Solid	Moisture	
360-34015-9	CB3-9	Total/NA	Solid	Moisture	
360-34015-10	DUPLICATE-3	Total/NA	Solid	Moisture	
360-34015-11	CB3-10	Total/NA	Solid	Moisture	
360-34015-12	CB3-11	Total/NA	Solid	Moisture	
360-34015-13	CB3-12	Total/NA	Solid	Moisture	
360-34015-14	CB2-13	Total/NA	Solid	Moisture	
360-34015-15	CB2-14	Total/NA	Solid	Moisture	
360-34015-16	CB2-15	Total/NA	Solid	Moisture	
360-34015-17	CB2-16	Total/NA	Solid	Moisture	
360-34015-18	CB2-17	Total/NA	Solid	Moisture	
360-34015-19	CB2-18	Total/NA	Solid	Moisture	
360-34015-20	GB4-19	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34015-1	CB4-1	92	77	101	84
360-34015-2	CB4-2	102	86	108	88
360-34015-3	CB4-3	83	74	90	76
360-34015-4	CB4-4	101	88	100	84
360-34015-5	CB4-5	93	73	102	84
360-34015-6	CB4-6	81	65	79	63
360-34015-7	CB3-7	102	75	54	61
360-34015-8	CB3-8	71	72	87	65
360-34015-9	CB3-9	72	81	91	71
360-34015-10	DUPLICATE-3	74	70	87	68
360-34015-11	CB3-10	99	80	86	67
360-34015-12	CB3-11	85	78	103	81
360-34015-13	CB3-12	64	68	85	59
360-34015-14	CB2-13	78	69	78	64
360-34015-15	CB2-14	100	75	103	85
360-34015-16	CB2-15	104	81	105	86
360-34015-17	CB2-16	66	49	77	60
360-34015-18	CB2-17	82	74	101	81
360-34015-19	CB2-18	102	78	82	76
360-34015-20	GB4-19	105	82	107	86
LCS 360-74290/2-A	LCS 360-74290/2-A	114	100	68	57
LCSD 360-74290/3-A	LCSD 360-74290/3-A	113	97	88	70
MB 360-74290/1-A	MB 360-74290/1-A	112	104	84	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74290/1-A

Matrix: Solid

Analysis Batch: 74376

Client Sample ID: MB 360-74290/1-A

Prep Type: Total/NA

Prep Batch: 74290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1221	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1232	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1242	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1248	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1254	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1260	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1262	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1
PCB-1268	ND		100		ug/Kg		05/26/11 14:00	05/31/11 17:09	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		30 - 150	05/26/11 14:00	05/31/11 17:09	1
DCB Decachlorobiphenyl	104		30 - 150	05/26/11 14:00	05/31/11 17:09	1
Tetrachloro-m-xylene	84		30 - 150	05/26/11 14:00	05/31/11 17:09	1
Tetrachloro-m-xylene	73		30 - 150	05/26/11 14:00	05/31/11 17:09	1

Lab Sample ID: LCS 360-74290/2-A

Matrix: Solid

Analysis Batch: 74376

Client Sample ID: LCS 360-74290/2-A

Prep Type: Total/NA

Prep Batch: 74290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	450		ug/Kg		90	40 - 140
PCB-1260	500	683		ug/Kg		137	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	114		30 - 150
DCB Decachlorobiphenyl	100		30 - 150
Tetrachloro-m-xylene	68		30 - 150
Tetrachloro-m-xylene	57		30 - 150

Lab Sample ID: LCSD 360-74290/3-A

Matrix: Solid

Analysis Batch: 74376

Client Sample ID: LCSD 360-74290/3-A

Prep Type: Total/NA

Prep Batch: 74290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	520		ug/Kg		104	40 - 140	14	30
PCB-1260	500	687		ug/Kg		137	40 - 140	1	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	113		30 - 150
DCB Decachlorobiphenyl	97		30 - 150
Tetrachloro-m-xylene	88		30 - 150
Tetrachloro-m-xylene	70		30 - 150

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB4-1

Date Collected: 05/23/11 11:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-1

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 18:14	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB4-2

Date Collected: 05/23/11 12:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-2

Matrix: Solid

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 18:36	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB4-3

Date Collected: 05/23/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-3

Matrix: Solid

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 18:57	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB4-4

Date Collected: 05/23/11 12:40

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-4

Matrix: Solid

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 19:19	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB4-5

Date Collected: 05/23/11 13:00

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-5

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 19:41	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB4-6

Date Collected: 05/23/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-6

Matrix: Solid

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 20:02	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB3-7

Date Collected: 05/23/11 13:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-7

Matrix: Solid

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 20:24	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB3-8

Date Collected: 05/23/11 14:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-8

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 20:45	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB3-9

Date Collected: 05/23/11 14:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-9

Matrix: Solid

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 21:07	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: DUPLICATE-3

Date Collected: 05/23/11 12:00

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-10

Matrix: Solid

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 21:29	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB3-10

Date Collected: 05/23/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-11

Matrix: Solid

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 22:34	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB3-11

Date Collected: 05/23/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-12

Matrix: Solid

Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 22:56	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB3-12

Date Collected: 05/23/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-13

Matrix: Solid

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 23:17	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB2-13

Date Collected: 05/24/11 09:16

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-14

Matrix: Solid

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	05/31/11 23:39	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB2-14

Date Collected: 05/24/11 09:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-15

Matrix: Solid

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 00:01	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Client Sample ID: CB2-15

Date Collected: 05/24/11 09:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-16

Matrix: Solid

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 00:22	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB2-16

Date Collected: 05/24/11 09:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-17

Matrix: Solid

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 00:44	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB2-17

Date Collected: 05/24/11 10:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-18

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 01:06	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: CB2-18

Date Collected: 05/24/11 10:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-19

Matrix: Solid

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 01:27	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:25	EMN	TAL WFD

Client Sample ID: GB4-19

Date Collected: 05/24/11 11:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34015-20

Matrix: Solid

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74290	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74376	06/01/11 01:49	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34015-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34015-1

Login Number: 34015

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

50-3405

Chain of Custody Record

TestAmerica Westfield
Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Client Information		Sample		Lab PM		Carrier Tracking No(s)		COC No: 015159	
Client Contact: Kevin McAllister		Phone: 802-922-3447		E-Mail:		Becky Mason		Page: 1 of 4	
Company: WSE		Address: P.O. Box 189		City: WATERBURY		State, Zip: VT, 05676		Job #: 3602674	
Phone: 802-244-5051		Quote #:		PO #:		WO #:		Preservation Codes:	
Email: MEALISTER@WSEINC.COM		Project Name/Number: MWL CRISTALL-CREAMERY		Site:		Matrix (W-water, S-solids, O-oils, BT-tissue, A-air)		Regulatory programs: MCP ☐ GW1/S1 ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐	
Due Date Requested:		TAT Requested (days):		Quote #:		PO #:		H - Ascorbic Acid S - H2SO4	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		L - Ice	
CB4-1		5/23/11		1155		G		Z - other (specify)	
CB4-2				1205				Total Number of containers	
CB4-3				1215				Special Instructions/Note:	
CB4-4				1240				Field Filled Sample? ☒	
CB4-5				1300				Perform MS/MSD? ☒	
CB4-6				1305				3540c 802-360 PCBs	
CB3-7				1315				Field Filled Sample? ☒	
CB3-8				1430				Perform MS/MSD? ☒	
CB3-9				1445				Field Filled Sample? ☒	
DUPLICATE - 3				1200		Y		Field Filled Sample? ☒	
Possible Hazard Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Field Filled Sample? ☒	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Perform MS/MSD? ☒	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Field Filled Sample? ☒	
Relinquished by: Kevin McAllister		Date/Time: 5/24/11 1648		Company: WSE		Received by: [Signature]		Date/Time: 05/24/11 1648	
Relinquished by: [Signature]		Date/Time: 05/24/11 1705		Company: TABOR		Received by: [Signature]		Date/Time: 5/25/11 1010	
Relinquished by: [Signature]		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seal Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.8/10.4/7.8/11.0/12.0/13.0/14.0/15.0		Company:		Date/Time:	

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TestAmerica Westfield

Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Chain of Custody Record

360-34015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>SHAWN DANOVAN</u>		Lab PM: <u>BECKY MASON</u>	Carrier Tracking No(s):	COC No: <u>015160</u>							
Client Contact: <u>KEVIN MCALEER</u>		Phone: <u>802-922-3447</u>	E-Mail: <u>MCALEER@WSEINC.COM</u>		Page: <u>2 of 4</u>								
Company: <u>WSE</u>		Job #: <u>36002674</u>											
Address: <u>P.O. Box 189</u>		Analysis Requested											
City: <u>WINTERBURY</u>		Preservation Codes:											
State, Zip: <u>VT, 05676</u>		A - HCL J - DI Water											
Phone: <u>802-244-5051</u>		B - NaOH M - Hexane											
Email: <u>MCALEER@WSEINC.COM</u>		C - Zn Acetate N - None											
Project Name/Number: <u>MWC GRISTMILL-CREAMERY</u>		D - Nitric Acid P - Na2O4S											
Site:		E - NaHSO4 Q - Na2SO3											
		F - MeOH R - Na2S2O3											
		H - Ascorbic Acid S - H2SO4											
		I - Ice Z - other (specify)											
		Regulatory programs:											
		MCP ☐ GW1/S1 ☐											
		RCP ☐ CT RSR ☐											
		DEP Form ☐ EDD Required ☐											
		Total Number of containers											
		Special Instructions/Note:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, DT=tissue, A=air)	Field Filtered Sample?	Perform MS/MSD?	Samplers Initials	Total Number of containers				
CB3-10	5/23/11	1510	G	S		X	X	X	1				
CB3-11	↓	1535				X	X	X	1				
CB3-12	↓	1535				X	X	X	1				
CB2-13	5/24/11	0916				X	X	X	1				
CB2-14	↓	0935				X	X	X	1				
CB2-15	↓	0945				X	X	X	1				
CB2-16	↓	0955				X	X	X	1				
CB2-17	↓	1010				X	X	X	1				
CB2-18	↓	1020				X	X	X	1				
GB4-19	↓	1155				X	X	X	1				
Possible Hazard Identification		Poison B ☒ Unknown ☐ Radiological ☐		Flammable ☐ Skin Irritant ☐ Other (specify)		Deliverable Requested: I, II, III, IV		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Relinquished by: <u>Shawn Danovan</u>		Date/Time: <u>5/24/11 1648</u>	Company: <u>WSE</u>		Received by: <u>WSE</u>		Date/Time: <u>05/24/11 1648</u>		Company: <u>WSE</u>		Date/Time: <u>05/24/11 1648</u>		
Relinquished by: <u>Kevin McAleer</u>		Date/Time: <u>05/24/11 1510</u>	Company: <u>WSE</u>		Received by: <u>WSE</u>		Date/Time: <u>05/24/11 1510</u>		Company: <u>WSE</u>		Date/Time: <u>05/24/11 1510</u>		
Relinquished by: <u>Kevin McAleer</u>		Date/Time: <u>05/24/11 1510</u>	Company: <u>WSE</u>		Received by: <u>WSE</u>		Date/Time: <u>05/24/11 1510</u>		Company: <u>WSE</u>		Date/Time: <u>05/24/11 1510</u>		
Custody Seals intact: <u>Yes</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>59/104/17.8/11/12/13/14/15</u>		Company: <u>WSE</u>		Date/Time: <u>05/24/11 1648</u>		Company: <u>WSE</u>		Date/Time: <u>05/24/11 1648</u>	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34016-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/02/2011 03:36:46 PM

Joe Chimi

Report Production Representative

joe.chimi@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

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www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Job ID: 360-34016-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/25/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 5.8, 6.4 and 7.8 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GB4-20 (360-34016-1), GB4-21 (360-34016-2), GB4-22 (360-34016-3), GB4-23 (360-34016-4), GB4-24 (360-34016-5), GB4-25 (360-34016-6), GB4-26 (360-34016-7), GB4-27 (360-34016-8), GB4-28 (360-34016-9), GB4-29 (360-34016-10), GB3-30 (360-34016-11), GB3-31 (360-34016-12), GB3-32 (360-34016-13), GB3-33 (360-34016-14), GB3-34 (360-34016-15) and GB3-35 (360-34016-16) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 05/26/2011 and analyzed on 05/31/2011.

DCB Decachlorobiphenyl failed the criteria high for the opening continuing calibration verification (CCV) associated with the following samples (primary column only): LCS 360-74291/2-A, LCSD 360-74291/3-A, MB 360-74291/1-A, GB4-20 (360-34016-1), GB4-21 (360-34016-2) and GB4-22 (360-34016-3). PCB-1016, PCB-1260 and DCB Decachlorobiphenyl failed the criteria low for the closing CCV associated with these samples (primary column only). PCB-1016, PCB-1260 and DCB Decachlorobiphenyl failed the criteria low for the opening CCV associated with the following samples (primary column only): GB4-23 (360-34016-4), GB4-24 (360-34016-5), GB4-25 (360-34016-6), GB4-26 (360-34016-7), GB4-27 (360-34016-8), GB4-28 (360-34016-9), GB4-29 (360-34016-10), GB3-30 (360-34016-11), GB3-31 (360-34016-12), GB3-32 (360-34016-13), GB3-33 (360-34016-14), GB3-34 (360-34016-15) and GB3-35 (360-34016-16). DCB Decachlorobiphenyl failed the criteria high for the closing CCV associated with these samples (secondary column only).

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB4-20 (360-34016-1), GB4-21 (360-34016-2), GB4-22 (360-34016-3), GB4-23 (360-34016-4), GB4-24 (360-34016-5), GB4-25 (360-34016-6), GB4-26 (360-34016-7), GB4-27 (360-34016-8), GB4-28 (360-34016-9), GB4-29 (360-34016-10), GB3-30 (360-34016-11), GB3-31 (360-34016-12), GB3-32 (360-34016-13), GB3-33 (360-34016-14), GB3-34 (360-34016-15) and GB3-35 (360-34016-16) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/01/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB4-20

Lab Sample ID: 360-34016-1

No Detections.

Client Sample ID: GB4-21

Lab Sample ID: 360-34016-2

No Detections.

Client Sample ID: GB4-22

Lab Sample ID: 360-34016-3

No Detections.

Client Sample ID: GB4-23

Lab Sample ID: 360-34016-4

No Detections.

Client Sample ID: GB4-24

Lab Sample ID: 360-34016-5

No Detections.

Client Sample ID: GB4-25

Lab Sample ID: 360-34016-6

No Detections.

Client Sample ID: GB4-26

Lab Sample ID: 360-34016-7

No Detections.

Client Sample ID: GB4-27

Lab Sample ID: 360-34016-8

No Detections.

Client Sample ID: GB4-28

Lab Sample ID: 360-34016-9

No Detections.

Client Sample ID: GB4-29

Lab Sample ID: 360-34016-10

No Detections.

Client Sample ID: GB3-30

Lab Sample ID: 360-34016-11

No Detections.

Client Sample ID: GB3-31

Lab Sample ID: 360-34016-12

No Detections.

Client Sample ID: GB3-32

Lab Sample ID: 360-34016-13

No Detections.

Client Sample ID: GB3-33

Lab Sample ID: 360-34016-14

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB3-34

Lab Sample ID: 360-34016-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	260		220		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: GB3-35

Lab Sample ID: 360-34016-16

No Detections.

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34016-1	GB4-20	Solid	05/24/11 12:05	05/25/11 10:10
360-34016-2	GB4-21	Solid	05/24/11 12:15	05/25/11 10:10
360-34016-3	GB4-22	Solid	05/24/11 12:25	05/25/11 10:10
360-34016-4	GB4-23	Solid	05/24/11 12:30	05/25/11 10:10
360-34016-5	GB4-24	Solid	05/24/11 12:45	05/25/11 10:10
360-34016-6	GB4-25	Solid	05/24/11 12:53	05/25/11 10:10
360-34016-7	GB4-26	Solid	05/24/11 13:05	05/25/11 10:10
360-34016-8	GB4-27	Solid	05/24/11 13:10	05/25/11 10:10
360-34016-9	GB4-28	Solid	05/24/11 13:20	05/25/11 10:10
360-34016-10	GB4-29	Solid	05/24/11 13:30	05/25/11 10:10
360-34016-11	GB3-30	Solid	05/24/11 14:55	05/25/11 10:10
360-34016-12	GB3-31	Solid	05/24/11 15:10	05/25/11 10:10
360-34016-13	GB3-32	Solid	05/24/11 15:20	05/25/11 10:10
360-34016-14	GB3-33	Solid	05/24/11 15:25	05/25/11 10:10
360-34016-15	GB3-34	Solid	05/24/11 15:30	05/25/11 10:10
360-34016-16	GB3-35	Solid	05/24/11 15:35	05/25/11 10:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB4-20

Date Collected: 05/24/11 12:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-1

Matrix: Solid

Percent Solids: 92.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 15:30	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	41		30 - 150				05/26/11 14:00	05/31/11 15:30	1
DCB Decachlorobiphenyl	46		30 - 150				05/26/11 14:00	05/31/11 15:30	1
Tetrachloro-m-xylene	50		30 - 150				05/26/11 14:00	05/31/11 15:30	1
Tetrachloro-m-xylene	50		30 - 150				05/26/11 14:00	05/31/11 15:30	1

Client Sample ID: GB4-21

Date Collected: 05/24/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-2

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 15:52	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		30 - 150				05/26/11 14:00	05/31/11 15:52	1
DCB Decachlorobiphenyl	72		30 - 150				05/26/11 14:00	05/31/11 15:52	1
Tetrachloro-m-xylene	79		30 - 150				05/26/11 14:00	05/31/11 15:52	1
Tetrachloro-m-xylene	78		30 - 150				05/26/11 14:00	05/31/11 15:52	1

Client Sample ID: GB4-22

Date Collected: 05/24/11 12:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-3

Matrix: Solid

Percent Solids: 92.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 16:13	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		30 - 150				05/26/11 14:00	05/31/11 16:13	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB4-22

Date Collected: 05/24/11 12:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-3

Matrix: Solid

Percent Solids: 92.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		30 - 150	05/26/11 14:00	05/31/11 16:13	1
Tetrachloro-m-xylene	76		30 - 150	05/26/11 14:00	05/31/11 16:13	1
Tetrachloro-m-xylene	80		30 - 150	05/26/11 14:00	05/31/11 16:13	1

Client Sample ID: GB4-23

Date Collected: 05/24/11 12:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-4

Matrix: Solid

Percent Solids: 92.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:16	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		30 - 150				05/26/11 14:00	05/31/11 17:16	1
DCB Decachlorobiphenyl	92		30 - 150				05/26/11 14:00	05/31/11 17:16	1
Tetrachloro-m-xylene	85		30 - 150				05/26/11 14:00	05/31/11 17:16	1
Tetrachloro-m-xylene	89		30 - 150				05/26/11 14:00	05/31/11 17:16	1

Client Sample ID: GB4-24

Date Collected: 05/24/11 12:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-5

Matrix: Solid

Percent Solids: 91.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		30 - 150				05/26/11 14:00	05/31/11 17:37	1
DCB Decachlorobiphenyl	81		30 - 150				05/26/11 14:00	05/31/11 17:37	1
Tetrachloro-m-xylene	89		30 - 150				05/26/11 14:00	05/31/11 17:37	1
Tetrachloro-m-xylene	95		30 - 150				05/26/11 14:00	05/31/11 17:37	1

Client Sample ID: GB4-25

Date Collected: 05/24/11 12:53

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-6

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB4-25

Date Collected: 05/24/11 12:53

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-6

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 17:58	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		30 - 150	05/26/11 14:00	05/31/11 17:58	1
DCB Decachlorobiphenyl	90		30 - 150	05/26/11 14:00	05/31/11 17:58	1
Tetrachloro-m-xylene	78		30 - 150	05/26/11 14:00	05/31/11 17:58	1
Tetrachloro-m-xylene	81		30 - 150	05/26/11 14:00	05/31/11 17:58	1

Client Sample ID: GB4-26

Date Collected: 05/24/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-7

Matrix: Solid

Percent Solids: 91.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:19	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		30 - 150	05/26/11 14:00	05/31/11 18:19	1
DCB Decachlorobiphenyl	115		30 - 150	05/26/11 14:00	05/31/11 18:19	1
Tetrachloro-m-xylene	79		30 - 150	05/26/11 14:00	05/31/11 18:19	1
Tetrachloro-m-xylene	90		30 - 150	05/26/11 14:00	05/31/11 18:19	1

Client Sample ID: GB4-27

Date Collected: 05/24/11 13:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-8

Matrix: Solid

Percent Solids: 92.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 18:40	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		30 - 150	05/26/11 14:00	05/31/11 18:40	1
DCB Decachlorobiphenyl	112		30 - 150	05/26/11 14:00	05/31/11 18:40	1
Tetrachloro-m-xylene	88		30 - 150	05/26/11 14:00	05/31/11 18:40	1
Tetrachloro-m-xylene	98		30 - 150	05/26/11 14:00	05/31/11 18:40	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB4-28

Date Collected: 05/24/11 13:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-9

Matrix: Solid

Percent Solids: 92.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1221	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1232	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1242	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1248	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1254	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1260	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1262	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
PCB-1268	ND		210		ug/Kg	☼	05/26/11 14:00	05/31/11 19:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		30 - 150				05/26/11 14:00	05/31/11 19:01	1
DCB Decachlorobiphenyl	98		30 - 150				05/26/11 14:00	05/31/11 19:01	1
Tetrachloro-m-xylene	93		30 - 150				05/26/11 14:00	05/31/11 19:01	1
Tetrachloro-m-xylene	97		30 - 150				05/26/11 14:00	05/31/11 19:01	1

Client Sample ID: GB4-29

Date Collected: 05/24/11 13:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-10

Matrix: Solid

Percent Solids: 93.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1221	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1232	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1242	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1248	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1254	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1260	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1262	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
PCB-1268	ND		200		ug/Kg	☼	05/26/11 14:00	05/31/11 19:23	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		30 - 150				05/26/11 14:00	05/31/11 19:23	1
DCB Decachlorobiphenyl	114		30 - 150				05/26/11 14:00	05/31/11 19:23	1
Tetrachloro-m-xylene	80		30 - 150				05/26/11 14:00	05/31/11 19:23	1
Tetrachloro-m-xylene	90		30 - 150				05/26/11 14:00	05/31/11 19:23	1

Client Sample ID: GB3-30

Date Collected: 05/24/11 14:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-11

Matrix: Solid

Percent Solids: 87.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1221	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1232	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1242	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1248	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1254	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1260	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1262	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
PCB-1268	ND		230		ug/Kg	☼	05/26/11 14:00	05/31/11 19:44	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		30 - 150				05/26/11 14:00	05/31/11 19:44	1
DCB Decachlorobiphenyl	115		30 - 150				05/26/11 14:00	05/31/11 19:44	1
Tetrachloro-m-xylene	88		30 - 150				05/26/11 14:00	05/31/11 19:44	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB3-30

Date Collected: 05/24/11 14:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-11

Matrix: Solid

Percent Solids: 87.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		30 - 150	05/26/11 14:00	05/31/11 19:44	1

Client Sample ID: GB3-31

Date Collected: 05/24/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-12

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1254	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1260	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1262	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1
PCB-1268	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		30 - 150	05/26/11 14:00	05/31/11 20:05	1
DCB Decachlorobiphenyl	97		30 - 150	05/26/11 14:00	05/31/11 20:05	1
Tetrachloro-m-xylene	76		30 - 150	05/26/11 14:00	05/31/11 20:05	1
Tetrachloro-m-xylene	78		30 - 150	05/26/11 14:00	05/31/11 20:05	1

Client Sample ID: GB3-32

Date Collected: 05/24/11 15:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-13

Matrix: Solid

Percent Solids: 90.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1221	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1232	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1242	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1248	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1254	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1260	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1262	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1
PCB-1268	ND		210		ug/Kg	✱	05/26/11 14:00	05/31/11 20:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		30 - 150	05/26/11 14:00	05/31/11 20:26	1
DCB Decachlorobiphenyl	113		30 - 150	05/26/11 14:00	05/31/11 20:26	1
Tetrachloro-m-xylene	93		30 - 150	05/26/11 14:00	05/31/11 20:26	1
Tetrachloro-m-xylene	100		30 - 150	05/26/11 14:00	05/31/11 20:26	1

Client Sample ID: GB3-33

Date Collected: 05/24/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-14

Matrix: Solid

Percent Solids: 90.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:47	1
PCB-1221	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:47	1
PCB-1232	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:47	1
PCB-1242	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:47	1
PCB-1248	ND		220		ug/Kg	✱	05/26/11 14:00	05/31/11 20:47	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB3-33

Date Collected: 05/24/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-14

Matrix: Solid

Percent Solids: 90.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 20:47	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 20:47	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 20:47	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 20:47	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		30 - 150				05/26/11 14:00	05/31/11 20:47	1
DCB Decachlorobiphenyl	100		30 - 150				05/26/11 14:00	05/31/11 20:47	1
Tetrachloro-m-xylene	80		30 - 150				05/26/11 14:00	05/31/11 20:47	1
Tetrachloro-m-xylene	86		30 - 150				05/26/11 14:00	05/31/11 20:47	1

Client Sample ID: GB3-34

Date Collected: 05/24/11 15:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-15

Matrix: Solid

Percent Solids: 90.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1260	260		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:08	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		30 - 150				05/26/11 14:00	05/31/11 21:08	1
DCB Decachlorobiphenyl	109		30 - 150				05/26/11 14:00	05/31/11 21:08	1
Tetrachloro-m-xylene	87		30 - 150				05/26/11 14:00	05/31/11 21:08	1
Tetrachloro-m-xylene	94		30 - 150				05/26/11 14:00	05/31/11 21:08	1

Client Sample ID: GB3-35

Date Collected: 05/24/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-16

Matrix: Solid

Percent Solids: 91.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1221	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1232	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1242	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1248	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1254	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1260	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1262	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
PCB-1268	ND		220		ug/Kg	☼	05/26/11 14:00	05/31/11 21:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		30 - 150				05/26/11 14:00	05/31/11 21:29	1
DCB Decachlorobiphenyl	128		30 - 150				05/26/11 14:00	05/31/11 21:29	1
Tetrachloro-m-xylene	98		30 - 150				05/26/11 14:00	05/31/11 21:29	1
Tetrachloro-m-xylene	103		30 - 150				05/26/11 14:00	05/31/11 21:29	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

General Chemistry

Client Sample ID: GB4-20

Date Collected: 05/24/11 12:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-21

Date Collected: 05/24/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-22

Date Collected: 05/24/11 12:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-23

Date Collected: 05/24/11 12:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-24

Date Collected: 05/24/11 12:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.6		1.0		%			06/01/11 14:39	1
Percent Solids	91		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-25

Date Collected: 05/24/11 12:53

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-26

Date Collected: 05/24/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-27

Date Collected: 05/24/11 13:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.8		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

General Chemistry

Client Sample ID: GB4-28

Date Collected: 05/24/11 13:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		1.0		%			06/01/11 14:39	1
Percent Solids	92		1.0		%			06/01/11 14:39	1

Client Sample ID: GB4-29

Date Collected: 05/24/11 13:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.0		1.0		%			06/01/11 14:39	1
Percent Solids	93		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-30

Date Collected: 05/24/11 14:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/01/11 14:39	1
Percent Solids	87		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-31

Date Collected: 05/24/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/01/11 14:39	1
Percent Solids	88		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-32

Date Collected: 05/24/11 15:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.2		1.0		%			06/01/11 14:39	1
Percent Solids	91		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-33

Date Collected: 05/24/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.4		1.0		%			06/01/11 14:39	1
Percent Solids	91		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-34

Date Collected: 05/24/11 15:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.4		1.0		%			06/01/11 14:39	1
Percent Solids	91		1.0		%			06/01/11 14:39	1

Client Sample ID: GB3-35

Date Collected: 05/24/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0		%			06/01/11 14:39	1
Percent Solids	91		1.0		%			06/01/11 14:39	1

TestAmerica Westfield

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

GC Semi VOA

Prep Batch: 74291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74291/1-A	MB 360-74291/1-A	Total/NA	Solid	3540C	
LCS 360-74291/2-A	LCS 360-74291/2-A	Total/NA	Solid	3540C	
LCSD 360-74291/3-A	LCSD 360-74291/3-A	Total/NA	Solid	3540C	
360-34016-1	GB4-20	Total/NA	Solid	3540C	
360-34016-2	GB4-21	Total/NA	Solid	3540C	
360-34016-3	GB4-22	Total/NA	Solid	3540C	
360-34016-4	GB4-23	Total/NA	Solid	3540C	
360-34016-5	GB4-24	Total/NA	Solid	3540C	
360-34016-6	GB4-25	Total/NA	Solid	3540C	
360-34016-7	GB4-26	Total/NA	Solid	3540C	
360-34016-8	GB4-27	Total/NA	Solid	3540C	
360-34016-9	GB4-28	Total/NA	Solid	3540C	
360-34016-10	GB4-29	Total/NA	Solid	3540C	
360-34016-11	GB3-30	Total/NA	Solid	3540C	
360-34016-12	GB3-31	Total/NA	Solid	3540C	
360-34016-13	GB3-32	Total/NA	Solid	3540C	
360-34016-14	GB3-33	Total/NA	Solid	3540C	
360-34016-15	GB3-34	Total/NA	Solid	3540C	
360-34016-16	GB3-35	Total/NA	Solid	3540C	

Analysis Batch: 74410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74291/1-A	MB 360-74291/1-A	Total/NA	Solid	8082	74291
LCS 360-74291/2-A	LCS 360-74291/2-A	Total/NA	Solid	8082	74291
LCSD 360-74291/3-A	LCSD 360-74291/3-A	Total/NA	Solid	8082	74291
360-34016-1	GB4-20	Total/NA	Solid	8082	74291
360-34016-2	GB4-21	Total/NA	Solid	8082	74291
360-34016-3	GB4-22	Total/NA	Solid	8082	74291
360-34016-4	GB4-23	Total/NA	Solid	8082	74291
360-34016-5	GB4-24	Total/NA	Solid	8082	74291
360-34016-6	GB4-25	Total/NA	Solid	8082	74291
360-34016-7	GB4-26	Total/NA	Solid	8082	74291
360-34016-8	GB4-27	Total/NA	Solid	8082	74291
360-34016-9	GB4-28	Total/NA	Solid	8082	74291
360-34016-10	GB4-29	Total/NA	Solid	8082	74291
360-34016-11	GB3-30	Total/NA	Solid	8082	74291
360-34016-12	GB3-31	Total/NA	Solid	8082	74291
360-34016-13	GB3-32	Total/NA	Solid	8082	74291
360-34016-14	GB3-33	Total/NA	Solid	8082	74291
360-34016-15	GB3-34	Total/NA	Solid	8082	74291
360-34016-16	GB3-35	Total/NA	Solid	8082	74291

General Chemistry

Analysis Batch: 74481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34016-1	GB4-20	Total/NA	Solid	Moisture	
360-34016-2	GB4-21	Total/NA	Solid	Moisture	
360-34016-3	GB4-22	Total/NA	Solid	Moisture	
360-34016-4	GB4-23	Total/NA	Solid	Moisture	
360-34016-5	GB4-24	Total/NA	Solid	Moisture	
360-34016-6	GB4-25	Total/NA	Solid	Moisture	

TestAmerica Westfield

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QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

General Chemistry (Continued)

Analysis Batch: 74481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34016-7	GB4-26	Total/NA	Solid	Moisture	
360-34016-8	GB4-27	Total/NA	Solid	Moisture	
360-34016-9	GB4-28	Total/NA	Solid	Moisture	
360-34016-10	GB4-29	Total/NA	Solid	Moisture	
360-34016-11	GB3-30	Total/NA	Solid	Moisture	
360-34016-12	GB3-31	Total/NA	Solid	Moisture	
360-34016-13	GB3-32	Total/NA	Solid	Moisture	
360-34016-14	GB3-33	Total/NA	Solid	Moisture	
360-34016-15	GB3-34	Total/NA	Solid	Moisture	
360-34016-16	GB3-35	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34016-1	GB4-20	41	46	50	50
360-34016-2	GB4-21	66	72	79	78
360-34016-3	GB4-22	75	85	76	80
360-34016-4	GB4-23	76	92	85	89
360-34016-5	GB4-24	76	81	89	95
360-34016-6	GB4-25	73	90	78	81
360-34016-7	GB4-26	92	115	79	90
360-34016-8	GB4-27	80	112	88	98
360-34016-9	GB4-28	80	98	93	97
360-34016-10	GB4-29	84	114	80	90
360-34016-11	GB3-30	87	115	88	95
360-34016-12	GB3-31	74	97	76	78
360-34016-13	GB3-32	89	113	93	100
360-34016-14	GB3-33	70	100	80	86
360-34016-15	GB3-34	91	109	87	94
360-34016-16	GB3-35	97	128	98	103
LCS 360-74291/2-A	LCS 360-74291/2-A	90	79	94	87
LCSD 360-74291/3-A	LCSD 360-74291/3-A	118	106	75	71
MB 360-74291/1-A	MB 360-74291/1-A	100	93	101	100
Surrogate Legend					
DCB = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74291/1-A

Matrix: Solid

Analysis Batch: 74410

Client Sample ID: MB 360-74291/1-A

Prep Type: Total/NA

Prep Batch: 74291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1221	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1232	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1242	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1248	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1254	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1260	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1262	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1
PCB-1268	ND		100		ug/Kg		05/26/11 14:00	05/31/11 12:00	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150	05/26/11 14:00	05/31/11 12:00	1
DCB Decachlorobiphenyl	93		30 - 150	05/26/11 14:00	05/31/11 12:00	1
Tetrachloro-m-xylene	101		30 - 150	05/26/11 14:00	05/31/11 12:00	1
Tetrachloro-m-xylene	100		30 - 150	05/26/11 14:00	05/31/11 12:00	1

Lab Sample ID: LCS 360-74291/2-A

Matrix: Solid

Analysis Batch: 74410

Client Sample ID: LCS 360-74291/2-A

Prep Type: Total/NA

Prep Batch: 74291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	488		ug/Kg		98	40 - 140
PCB-1260	500	475		ug/Kg		95	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	90		30 - 150
DCB Decachlorobiphenyl	79		30 - 150
Tetrachloro-m-xylene	94		30 - 150
Tetrachloro-m-xylene	87		30 - 150

Lab Sample ID: LCSD 360-74291/3-A

Matrix: Solid

Analysis Batch: 74410

Client Sample ID: LCSD 360-74291/3-A

Prep Type: Total/NA

Prep Batch: 74291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	498		ug/Kg		100	40 - 140	2	30
PCB-1260	500	623		ug/Kg		125	40 - 140	27	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	118		30 - 150
DCB Decachlorobiphenyl	106		30 - 150
Tetrachloro-m-xylene	75		30 - 150
Tetrachloro-m-xylene	71		30 - 150

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB4-20

Date Collected: 05/24/11 12:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-1

Matrix: Solid

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 15:30	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-21

Date Collected: 05/24/11 12:15

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-2

Matrix: Solid

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 15:52	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-22

Date Collected: 05/24/11 12:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-3

Matrix: Solid

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 16:13	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-23

Date Collected: 05/24/11 12:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-4

Matrix: Solid

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 17:16	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-24

Date Collected: 05/24/11 12:45

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-5

Matrix: Solid

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 17:37	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB4-25

Date Collected: 05/24/11 12:53

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-6

Matrix: Solid

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 17:58	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-26

Date Collected: 05/24/11 13:05

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-7

Matrix: Solid

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 18:19	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-27

Date Collected: 05/24/11 13:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-8

Matrix: Solid

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 18:40	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-28

Date Collected: 05/24/11 13:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-9

Matrix: Solid

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 19:01	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB4-29

Date Collected: 05/24/11 13:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-10

Matrix: Solid

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 19:23	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB3-30

Date Collected: 05/24/11 14:55

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-11

Matrix: Solid

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 19:44	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB3-31

Date Collected: 05/24/11 15:10

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-12

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 20:05	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB3-32

Date Collected: 05/24/11 15:20

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-13

Matrix: Solid

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 20:26	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB3-33

Date Collected: 05/24/11 15:25

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-14

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 20:47	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Client Sample ID: GB3-34

Date Collected: 05/24/11 15:30

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-15

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 21:08	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Client Sample ID: GB3-35

Date Collected: 05/24/11 15:35

Date Received: 05/25/11 10:10

Lab Sample ID: 360-34016-16

Matrix: Solid

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74291	05/26/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74410	05/31/11 21:29	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74481	06/01/11 14:39	EMN	TAL WFD

Laboratory References:
TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34016-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34016-1

Login Number: 34016

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

300-340110

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Shawn Donavan		Lab PM: Becky Mason		Carrier Tracking No(s):		COC No: 015161	
Client Contact:		Phone: 902-922-3444		E-Mail: 7				Page: 3 of 4	
Company:								Job #: 36002674	
Address:		Due Date Requested:		Analysis Requested				Preservation Codes:	
City:		TAT Requested (days):						A - HCL J - DI Water	
State, Zip:								B - NaOH M - Hexane	
Phone:		Quote #:						C - Zn Acetate N - None	
Email:		PO #:						D - Nitric Acid P - Na2O4S	
Project Name/Number:		WO #:						E - NaHSO4 Q - Na2SO3	
Site:		SSOW#:						F - MeOH R - Na2S2O3	
								H - Ascorbic Acid S - H2SO4	
								I - Ice Z - other (specify)	
								Regulatory programs:	
								MCP ☐ GW1/S1	
								RCP ☐ CT RSR	
								DEP Form ☐ EDD Required ☐	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=water/oil, DT=Tissue, A=Air)	
GB4-20		5/24/11		1205		G		S	
GB4-21				1215					
GB4-22				1225					
GB4-23				1230					
GB4-24				1245					
GB4-25				1253					
GB4-26				1305					
GB4-27				1310					
GB4-28				1320					
GB4-29				1330					
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)									
Relinquished by: Shawn Donavan		Date/Time: 5/24/11 1648		Company: WSE		Received by: [Signature]		Date/Time: 05/24/11 1648	
Relinquished by: [Signature]		Date/Time: 05/24/11 1705		Company: TADUR		Received by: [Signature]		Date/Time: 5-25-11 1010	
Relinquished by: [Signature]		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 5.0/10.4/7.8/min 10			

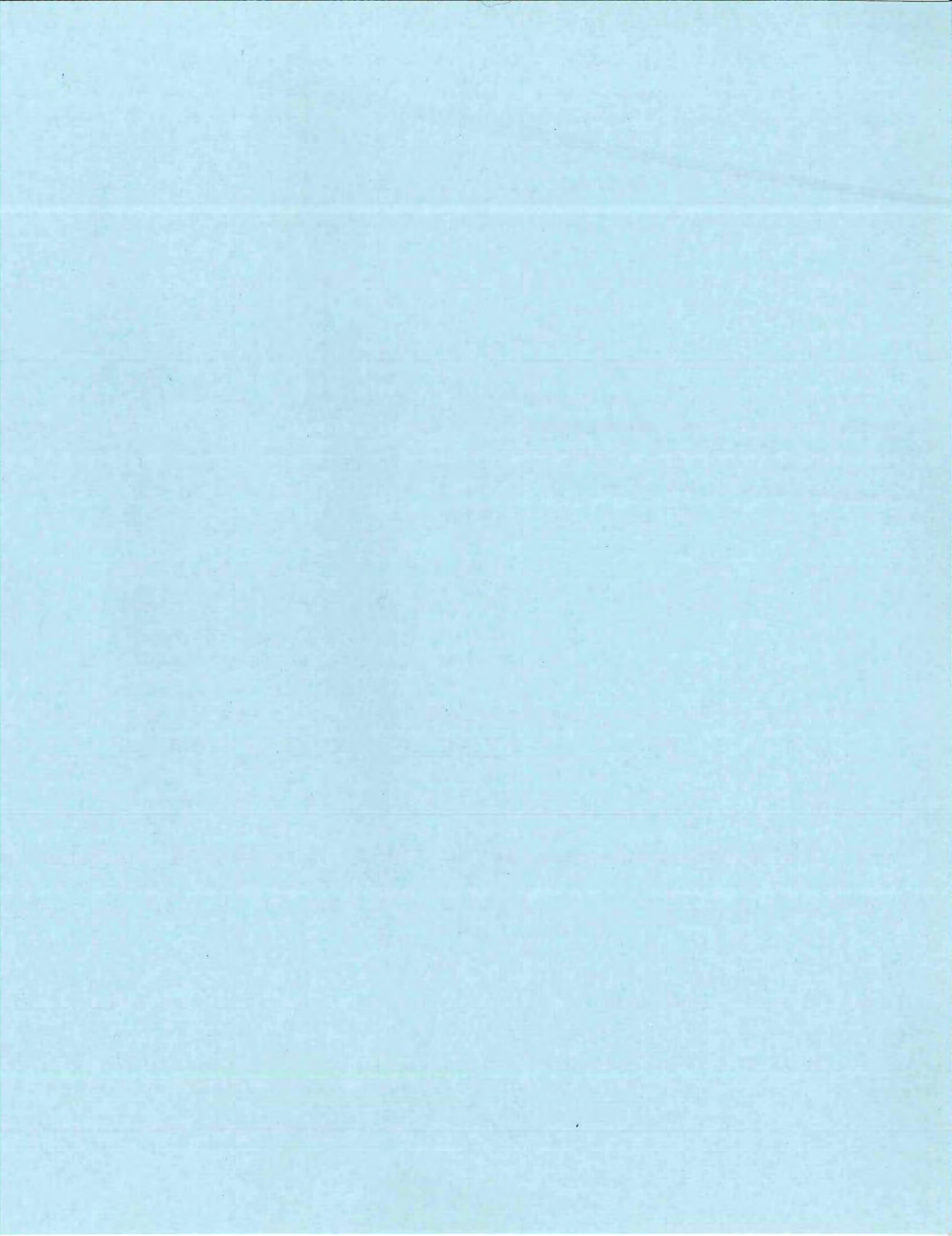
TAL-8245-360 0310 FedEx express OV.
4245 2053 0905 / 0890 / 0910

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sample: SHAWN DUNNAN		Lab PM: Betty Mason	Carrier Tracking No(s):		COC No: 015163
Client Contact:		Phone: 922-922-3447	E-Mail:				Page: 4 of 4
Company: CTE		Due Date Requested:		Analysis Requested		Job #:	
Address:		TAT Requested (days):				Preservation Codes:	
City:						A - HCL J - DI Water	
State, Zip: PA 16804						B - NaOH M - Hexane	
Phone:		Quote #:				C - Zn Acetate N - None	
Email:		PO #:				D - Nitric Acid P - Na2O4S	
Project Name/number:		WO #:				E - NaHSO4 Q - Na2SO3	
Site:		SSOW#:				F - MeOH R - Na2S2O3	
						H - Ascorbic Acid S - H2SO4	
						I - Ice Z - other (specify)	
						Regulatory programs:	
						MCP ☐ GW/SL ☐	
						RCP ☐ CT RSR ☐	
						DEP Form ☐ EDD Required ☐	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
GB3-30		5/24/11		1455		G S	
GB3-31				1510		I	
GB3-32				1520		I	
GB3-33				1525		I	
GB3-34				1530		I	
GB3-35				1535		I	
Special Instructions/Note:							
Total Number of containers							
Field Filtered Sample?							
Perform MS/MSD?							
Sample's Initials							
Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)							
Preservation Code:							
Possible Hazard Identification							
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)							
Relinquished by: [Signature]		Date/Time: 5/24/11 1648		Company: WSE		Received by: [Signature]	
Relinquished by: [Signature]		Date/Time: 05/24/11 1705		Company: TABUR		Received by: [Signature]	
Relinquished by: [Signature]		Date/Time:		Company:		Received by: [Signature]	
Custody Seal No.:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		5.9/6.4/7.9/ blue ice	
Δ Yes Δ No							



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34102-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/09/2011 04:56:38 PM

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Designee for

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Project Manager II

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Job ID: 360-34102-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/28/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.4, 4.0, 3.2, 0.4, 4.0, 1.4 and 3.6 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GB3-36 (360-34102-1), GB3-37 (360-34102-2), GB3-38 (360-34102-3), GB3-39 (360-34102-4), GB3-40 (360-34102-5), GB3-41 (360-34102-6), GB2-42 (360-34102-7), GB2-43 (360-34102-8), GB2-44 (360-34102-9), GB2-45 (360-34102-10), GB2-46 (360-34102-11), GB2-47 (360-34102-12), GB2-48 (360-34102-13), GB2-49 (360-34102-14), GB2-50 (360-34102-15), GB2-51 (360-34102-16), GB2-52 (360-34102-17), GB2-53 (360-34102-18), GB2-54 (360-34102-19), DUPLICATE-4 (360-34102-20), GBLD-55 (360-34102-21), GB2W-56 (6') (360-34102-22), GB2W-57 (3') (360-34102-23), GB2W-58 (6') (360-34102-24), GB2W-59 (3') (360-34102-25), GB2W-60 (6') (360-34102-26), GB2W-61 (3') (360-34102-27), GB2W-62 (6') (360-34102-28), GB2W-63 (3') (360-34102-29) and GB2W-64 (6') (360-34102-30) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 05/31/2011 and analyzed on 06/02/2011 and 06/03/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for GB2-46 (360-34102-11) and GB2-47 (360-34102-12). The samples showed evidence of matrix interference. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for GB2-50 (360-34102-15). Recovery may be biased high due to target concentration. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for GBLD-55 (360-34102-21). The sample showed evidence of matrix interference. Refer to the QC report for details.

For batch 74505, PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the opening continuing calibration verification (CCV) (primary column only). PCB-1016, PCB-1260, DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the criteria high for the closing CCV (primary column only). For batch 74509, PCB-1016, PCB-1260 and DCB Decachlorobiphenyl failed the criteria low (primary column only) for the opening CCV associated with the following samples: LCS 360-74467/2-A, LCSD 360-74467/3-A and MB 360-74467/1-A. PCB-1260 failed the criteria low (primary column only) for the closing CCV associated with these samples. PCB-1260 failed the criteria low (primary column only) for the opening CCV associated with the following samples: GB3-36 (360-34102-1), GB3-37 (360-34102-2), GB3-38 (360-34102-3), GB3-39 (360-34102-4), GB3-40 (360-34102-5), GB3-41 (360-34102-6), GB2-42 (360-34102-7), GB2-43 (360-34102-8), GB2-44 (360-34102-9), GB2-45 (360-34102-10), GB2-46 (360-34102-11), GB2-47 (360-34102-12), GB2-49 (360-34102-14), GB2-50 (360-34102-15). PCB-1016 and PCB-1260 failed the criteria low for the closing CCV associated with these samples (primary column only). For batch 74633, PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the opening CCV (primary column only). PCB-1260 failed the criteria high for the closing CCV (primary column only).

Samples GB2-48 (360-34102-13)[5X] and GB2-52 (360-34102-17)[5X] required dilution prior to analysis due to high target concentration. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB3-36 (360-34102-1), GB3-37 (360-34102-2), GB3-38 (360-34102-3), GB3-39 (360-34102-4), GB3-40 (360-34102-5), GB3-41 (360-34102-6), GB2-42 (360-34102-7), GB2-43 (360-34102-8), GB2-44 (360-34102-9), GB2-45 (360-34102-10), GB2-46 (360-34102-11), GB2-47 (360-34102-12), GB2-48 (360-34102-13), GB2-49 (360-34102-14), GB2-50 (360-34102-15), GB2-51 (360-34102-16), GB2-52 (360-34102-17), GB2-53 (360-34102-18), GB2-54 (360-34102-19), DUPLICATE-4 (360-34102-20), GBLD-55 (360-34102-21), GB2W-56

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Job ID: 360-34102-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

(6') (360-34102-22), GB2W-57 (3') (360-34102-23), GB2W-58 (6') (360-34102-24), GB2W-59 (3') (360-34102-25), GB2W-60 (6') (360-34102-26), GB2W-61 (3') (360-34102-27), GB2W-62 (6') (360-34102-28), GB2W-63 (3') (360-34102-29) and GB2W-64 (6') (360-34102-30) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/03/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB3-36

Lab Sample ID: 360-34102-1

No Detections.

Client Sample ID: GB3-37

Lab Sample ID: 360-34102-2

No Detections.

Client Sample ID: GB3-38

Lab Sample ID: 360-34102-3

No Detections.

Client Sample ID: GB3-39

Lab Sample ID: 360-34102-4

No Detections.

Client Sample ID: GB3-40

Lab Sample ID: 360-34102-5

No Detections.

Client Sample ID: GB3-41

Lab Sample ID: 360-34102-6

No Detections.

Client Sample ID: GB2-42

Lab Sample ID: 360-34102-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	580		230		ug/Kg	1	☼	8082	Total/NA

Client Sample ID: GB2-43

Lab Sample ID: 360-34102-8

No Detections.

Client Sample ID: GB2-44

Lab Sample ID: 360-34102-9

No Detections.

Client Sample ID: GB2-45

Lab Sample ID: 360-34102-10

No Detections.

Client Sample ID: GB2-46

Lab Sample ID: 360-34102-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1000		240		ug/Kg	1	☼	8082	Total/NA

Client Sample ID: GB2-47

Lab Sample ID: 360-34102-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	2300		240		ug/Kg	1	☼	8082	Total/NA
PCB-1260	2800		240		ug/Kg	1	☼	8082	Total/NA

Client Sample ID: GB2-48

Lab Sample ID: 360-34102-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	21000		1100		ug/Kg	5	☼	8082	Total/NA

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2-49

Lab Sample ID: 360-34102-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1260	1800		220		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: GB2-50

Lab Sample ID: 360-34102-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1248	370		220		ug/Kg	1		✱	8082	Total/NA
PCB-1268	2400		220		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: GB2-51

Lab Sample ID: 360-34102-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1254	1200		220		ug/Kg	1		✱	8082	Total/NA
PCB-1260	610		220		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: GB2-52

Lab Sample ID: 360-34102-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1248	2800		1200		ug/Kg	5		✱	8082	Total/NA
PCB-1254	7700		1200		ug/Kg	5		✱	8082	Total/NA

Client Sample ID: GB2-53

Lab Sample ID: 360-34102-18

No Detections.

Client Sample ID: GB2-54

Lab Sample ID: 360-34102-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1248	1300		220		ug/Kg	1		✱	8082	Total/NA
PCB-1254	1500		220		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: DUPLICATE-4

Lab Sample ID: 360-34102-20

No Detections.

Client Sample ID: GBLD-55

Lab Sample ID: 360-34102-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1254	480		220		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: GB2W-56 (6')

Lab Sample ID: 360-34102-22

No Detections.

Client Sample ID: GB2W-57 (3')

Lab Sample ID: 360-34102-23

No Detections.

Client Sample ID: GB2W-58 (6')

Lab Sample ID: 360-34102-24

No Detections.

Client Sample ID: GB2W-59 (3')

Lab Sample ID: 360-34102-25

No Detections.

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2W-60 (6')

Lab Sample ID: 360-34102-26

No Detections.

Client Sample ID: GB2W-61 (3')

Lab Sample ID: 360-34102-27

No Detections.

Client Sample ID: GB2W-62 (6')

Lab Sample ID: 360-34102-28

No Detections.

Client Sample ID: GB2W-63 (3')

Lab Sample ID: 360-34102-29

No Detections.

Client Sample ID: GB2W-64 (6')

Lab Sample ID: 360-34102-30

No Detections.

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Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34102-1	GB3-36	Solid	05/25/11 12:15	05/28/11 11:10
360-34102-2	GB3-37	Solid	05/25/11 12:23	05/28/11 11:10
360-34102-3	GB3-38	Solid	05/25/11 12:27	05/28/11 11:10
360-34102-4	GB3-39	Solid	05/25/11 12:35	05/28/11 11:10
360-34102-5	GB3-40	Solid	05/25/11 12:40	05/28/11 11:10
360-34102-6	GB3-41	Solid	05/25/11 12:55	05/28/11 11:10
360-34102-7	GB2-42	Solid	05/25/11 13:10	05/28/11 11:10
360-34102-8	GB2-43	Solid	05/25/11 13:30	05/28/11 11:10
360-34102-9	GB2-44	Solid	05/25/11 13:40	05/28/11 11:10
360-34102-10	GB2-45	Solid	05/25/11 14:05	05/28/11 11:10
360-34102-11	GB2-46	Solid	05/25/11 14:15	05/28/11 11:10
360-34102-12	GB2-47	Solid	05/25/11 15:15	05/28/11 11:10
360-34102-13	GB2-48	Solid	05/25/11 15:25	05/28/11 11:10
360-34102-14	GB2-49	Solid	05/25/11 15:33	05/28/11 11:10
360-34102-15	GB2-50	Solid	05/25/11 15:45	05/28/11 11:10
360-34102-16	GB2-51	Solid	05/25/11 15:50	05/28/11 11:10
360-34102-17	GB2-52	Solid	05/25/11 15:55	05/28/11 11:10
360-34102-18	GB2-53	Solid	05/25/11 16:00	05/28/11 11:10
360-34102-19	GB2-54	Solid	05/25/11 16:05	05/28/11 11:10
360-34102-20	DUPLICATE-4	Solid	05/25/11 12:00	05/28/11 11:10
360-34102-21	GBLD-55	Solid	05/25/11 16:15	05/28/11 11:10
360-34102-22	GB2W-56 (6')	Solid	05/26/11 10:30	05/28/11 11:10
360-34102-23	GB2W-57 (3')	Solid	05/26/11 10:40	05/28/11 11:10
360-34102-24	GB2W-58 (6')	Solid	05/26/11 10:45	05/28/11 11:10
360-34102-25	GB2W-59 (3')	Solid	05/26/11 10:50	05/28/11 11:10
360-34102-26	GB2W-60 (6')	Solid	05/26/11 10:52	05/28/11 11:10
360-34102-27	GB2W-61 (3')	Solid	05/26/11 10:55	05/28/11 11:10
360-34102-28	GB2W-62 (6')	Solid	05/26/11 11:00	05/28/11 11:10
360-34102-29	GB2W-63 (3')	Solid	05/26/11 11:05	05/28/11 11:10
360-34102-30	GB2W-64 (6')	Solid	05/26/11 11:10	05/28/11 11:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB3-36

Date Collected: 05/25/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-1

Matrix: Solid

Percent Solids: 88.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1221	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1232	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1242	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1248	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1254	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1260	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1262	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
PCB-1268	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:15	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		30 - 150				05/31/11 14:00	06/02/11 12:15	1
DCB Decachlorobiphenyl	108		30 - 150				05/31/11 14:00	06/02/11 12:15	1
Tetrachloro-m-xylene	92		30 - 150				05/31/11 14:00	06/02/11 12:15	1
Tetrachloro-m-xylene	99		30 - 150				05/31/11 14:00	06/02/11 12:15	1

Client Sample ID: GB3-37

Date Collected: 05/25/11 12:23

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-2

Matrix: Solid

Percent Solids: 89.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1221	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1232	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1242	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1248	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1254	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1260	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1262	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
PCB-1268	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:36	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		30 - 150				05/31/11 14:00	06/02/11 12:36	1
DCB Decachlorobiphenyl	125		30 - 150				05/31/11 14:00	06/02/11 12:36	1
Tetrachloro-m-xylene	83		30 - 150				05/31/11 14:00	06/02/11 12:36	1
Tetrachloro-m-xylene	97		30 - 150				05/31/11 14:00	06/02/11 12:36	1

Client Sample ID: GB3-38

Date Collected: 05/25/11 12:27

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-3

Matrix: Solid

Percent Solids: 88.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1221	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1232	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1242	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1248	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1254	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1260	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1262	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
PCB-1268	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 12:57	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		30 - 150				05/31/11 14:00	06/02/11 12:57	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB3-38

Date Collected: 05/25/11 12:27

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-3

Matrix: Solid

Percent Solids: 88.6

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	05/31/11 14:00	06/02/11 12:57	1
Tetrachloro-m-xylene	88		30 - 150	05/31/11 14:00	06/02/11 12:57	1
Tetrachloro-m-xylene	102		30 - 150	05/31/11 14:00	06/02/11 12:57	1

Client Sample ID: GB3-39

Date Collected: 05/25/11 12:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-4

Matrix: Solid

Percent Solids: 87.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 13:18	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		30 - 150				05/31/11 14:00	06/02/11 13:18	1
DCB Decachlorobiphenyl	104		30 - 150				05/31/11 14:00	06/02/11 13:18	1
Tetrachloro-m-xylene	54		30 - 150				05/31/11 14:00	06/02/11 13:18	1
Tetrachloro-m-xylene	79		30 - 150				05/31/11 14:00	06/02/11 13:18	1

Client Sample ID: GB3-40

Date Collected: 05/25/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-5

Matrix: Solid

Percent Solids: 85.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1221	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1232	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1242	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1248	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1254	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1260	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1262	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
PCB-1268	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 13:39	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		30 - 150				05/31/11 14:00	06/02/11 13:39	1
DCB Decachlorobiphenyl	96		30 - 150				05/31/11 14:00	06/02/11 13:39	1
Tetrachloro-m-xylene	57		30 - 150				05/31/11 14:00	06/02/11 13:39	1
Tetrachloro-m-xylene	75		30 - 150				05/31/11 14:00	06/02/11 13:39	1

Client Sample ID: GB3-41

Date Collected: 05/25/11 12:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-6

Matrix: Solid

Percent Solids: 88.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1221	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1232	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB3-41

Date Collected: 05/25/11 12:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-6

Matrix: Solid

Percent Solids: 88.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1248	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1254	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1260	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1262	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1
PCB-1268	ND		200		ug/Kg	☼	05/31/11 14:00	06/02/11 14:00	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		30 - 150	05/31/11 14:00	06/02/11 14:00	1
DCB Decachlorobiphenyl	93		30 - 150	05/31/11 14:00	06/02/11 14:00	1
Tetrachloro-m-xylene	80		30 - 150	05/31/11 14:00	06/02/11 14:00	1
Tetrachloro-m-xylene	89		30 - 150	05/31/11 14:00	06/02/11 14:00	1

Client Sample ID: GB2-42

Date Collected: 05/25/11 13:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-7

Matrix: Solid

Percent Solids: 86.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1221	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1232	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1242	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1248	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1254	580		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1260	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1262	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1
PCB-1268	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 14:21	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		30 - 150	05/31/11 14:00	06/02/11 14:21	1
DCB Decachlorobiphenyl	79		30 - 150	05/31/11 14:00	06/02/11 14:21	1
Tetrachloro-m-xylene	61		30 - 150	05/31/11 14:00	06/02/11 14:21	1
Tetrachloro-m-xylene	87		30 - 150	05/31/11 14:00	06/02/11 14:21	1

Client Sample ID: GB2-43

Date Collected: 05/25/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-8

Matrix: Solid

Percent Solids: 85.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:42	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		30 - 150	05/31/11 14:00	06/02/11 14:42	1
DCB Decachlorobiphenyl	82		30 - 150	05/31/11 14:00	06/02/11 14:42	1
Tetrachloro-m-xylene	50		30 - 150	05/31/11 14:00	06/02/11 14:42	1
Tetrachloro-m-xylene	77		30 - 150	05/31/11 14:00	06/02/11 14:42	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2-44

Date Collected: 05/25/11 13:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-9

Matrix: Solid

Percent Solids: 83.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1221	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1232	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1242	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1248	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1254	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1260	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1262	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1
PCB-1268	ND		230		ug/Kg	☼	05/31/11 14:00	06/02/11 15:03	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		30 - 150	05/31/11 14:00	06/02/11 15:03	1
DCB Decachlorobiphenyl	98		30 - 150	05/31/11 14:00	06/02/11 15:03	1
Tetrachloro-m-xylene	55		30 - 150	05/31/11 14:00	06/02/11 15:03	1
Tetrachloro-m-xylene	72		30 - 150	05/31/11 14:00	06/02/11 15:03	1

Client Sample ID: GB2-45

Date Collected: 05/25/11 14:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-10

Matrix: Solid

Percent Solids: 82.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1221	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1232	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1242	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1248	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1254	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1260	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1262	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1
PCB-1268	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		30 - 150	05/31/11 14:00	06/02/11 15:25	1
DCB Decachlorobiphenyl	80		30 - 150	05/31/11 14:00	06/02/11 15:25	1
Tetrachloro-m-xylene	64		30 - 150	05/31/11 14:00	06/02/11 15:25	1
Tetrachloro-m-xylene	81		30 - 150	05/31/11 14:00	06/02/11 15:25	1

Client Sample ID: GB2-46

Date Collected: 05/25/11 14:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-11

Matrix: Solid

Percent Solids: 83.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1221	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1232	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1242	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1248	1000		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1254	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1260	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1262	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1
PCB-1268	ND		240		ug/Kg	☼	05/31/11 14:00	06/02/11 15:46	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	133		30 - 150	05/31/11 14:00	06/02/11 15:46	1
DCB Decachlorobiphenyl	162	X	30 - 150	05/31/11 14:00	06/02/11 15:46	1
Tetrachloro-m-xylene	76		30 - 150	05/31/11 14:00	06/02/11 15:46	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2-46

Date Collected: 05/25/11 14:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-11

Matrix: Solid

Percent Solids: 83.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		30 - 150	05/31/11 14:00	06/02/11 15:46	1

Client Sample ID: GB2-47

Date Collected: 05/25/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-12

Matrix: Solid

Percent Solids: 80.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1221	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1232	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1242	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1248	2300		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1254	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1260	2800		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1262	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1
PCB-1268	ND		240		ug/Kg	✱	05/31/11 14:00	06/02/11 16:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91	p	30 - 150	05/31/11 14:00	06/02/11 16:07	1
DCB Decachlorobiphenyl	157	X	30 - 150	05/31/11 14:00	06/02/11 16:07	1
Tetrachloro-m-xylene	91		30 - 150	05/31/11 14:00	06/02/11 16:07	1
Tetrachloro-m-xylene	74		30 - 150	05/31/11 14:00	06/02/11 16:07	1

Client Sample ID: GB2-48

Date Collected: 05/25/11 15:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-13

Matrix: Solid

Percent Solids: 83.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1221	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1232	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1242	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1248	21000		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1254	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1260	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1262	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5
PCB-1268	ND		1100		ug/Kg	✱	05/31/11 14:00	06/03/11 11:28	5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		30 - 150	05/31/11 14:00	06/03/11 11:28	5
DCB Decachlorobiphenyl	96		30 - 150	05/31/11 14:00	06/03/11 11:28	5
Tetrachloro-m-xylene	82		30 - 150	05/31/11 14:00	06/03/11 11:28	5
Tetrachloro-m-xylene	91		30 - 150	05/31/11 14:00	06/03/11 11:28	5

Client Sample ID: GB2-49

Date Collected: 05/25/11 15:33

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-14

Matrix: Solid

Percent Solids: 81.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 16:49	1
PCB-1221	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 16:49	1
PCB-1232	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 16:49	1
PCB-1242	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 16:49	1
PCB-1248	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 16:49	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2-49

Date Collected: 05/25/11 15:33

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-14

Matrix: Solid

Percent Solids: 81.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:49	1
PCB-1260	1800		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:49	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:49	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:49	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		30 - 150				05/31/11 14:00	06/02/11 16:49	1
DCB Decachlorobiphenyl	143		30 - 150				05/31/11 14:00	06/02/11 16:49	1
Tetrachloro-m-xylene	46		30 - 150				05/31/11 14:00	06/02/11 16:49	1
Tetrachloro-m-xylene	67		30 - 150				05/31/11 14:00	06/02/11 16:49	1

Client Sample ID: GB2-50

Date Collected: 05/25/11 15:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-15

Matrix: Solid

Percent Solids: 90.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1248	370		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
PCB-1268	2400		220		ug/Kg	☼	05/31/11 14:00	06/02/11 17:10	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	293	X	30 - 150				05/31/11 14:00	06/02/11 17:10	1
DCB Decachlorobiphenyl	328	X	30 - 150				05/31/11 14:00	06/02/11 17:10	1
Tetrachloro-m-xylene	50		30 - 150				05/31/11 14:00	06/02/11 17:10	1
Tetrachloro-m-xylene	68		30 - 150				05/31/11 14:00	06/02/11 17:10	1

Client Sample ID: GB2-51

Date Collected: 05/25/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-16

Matrix: Solid

Percent Solids: 87.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1254	1200		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1260	610		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 14:55	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	111		30 - 150				05/31/11 14:00	06/02/11 14:55	1
DCB Decachlorobiphenyl	73		30 - 150				05/31/11 14:00	06/02/11 14:55	1
Tetrachloro-m-xylene	107		30 - 150				05/31/11 14:00	06/02/11 14:55	1
Tetrachloro-m-xylene	95		30 - 150				05/31/11 14:00	06/02/11 14:55	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB2-52

Date Collected: 05/25/11 15:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-17

Matrix: Solid

Percent Solids: 84.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1221	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1232	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1242	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1248	2800		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1254	7700		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1260	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1262	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
PCB-1268	ND		1200		ug/Kg	☼	05/31/11 14:00	06/03/11 11:49	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	131		30 - 150				05/31/11 14:00	06/03/11 11:49	5
DCB Decachlorobiphenyl	98		30 - 150				05/31/11 14:00	06/03/11 11:49	5
Tetrachloro-m-xylene	123		30 - 150				05/31/11 14:00	06/03/11 11:49	5
Tetrachloro-m-xylene	103		30 - 150				05/31/11 14:00	06/03/11 11:49	5

Client Sample ID: GB2-53

Date Collected: 05/25/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-18

Matrix: Solid

Percent Solids: 87.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1221	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1232	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1242	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1248	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1254	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1260	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1262	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
PCB-1268	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 15:39	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150				05/31/11 14:00	06/02/11 15:39	1
DCB Decachlorobiphenyl	77		30 - 150				05/31/11 14:00	06/02/11 15:39	1
Tetrachloro-m-xylene	85		30 - 150				05/31/11 14:00	06/02/11 15:39	1
Tetrachloro-m-xylene	87		30 - 150				05/31/11 14:00	06/02/11 15:39	1

Client Sample ID: GB2-54

Date Collected: 05/25/11 16:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-19

Matrix: Solid

Percent Solids: 86.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1248	1300		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1254	1500		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		30 - 150				05/31/11 14:00	06/02/11 16:00	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2-54

Date Collected: 05/25/11 16:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-19

Matrix: Solid

Percent Solids: 86.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		30 - 150	05/31/11 14:00	06/02/11 16:00	1
Tetrachloro-m-xylene	73		30 - 150	05/31/11 14:00	06/02/11 16:00	1
Tetrachloro-m-xylene	80		30 - 150	05/31/11 14:00	06/02/11 16:00	1

Client Sample ID: DUPLICATE-4

Date Collected: 05/25/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-20

Matrix: Solid

Percent Solids: 89.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1221	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1232	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1242	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1248	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1254	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1260	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1262	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1
PCB-1268	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 16:22	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	115		30 - 150	05/31/11 14:00	06/02/11 16:22	1
DCB Decachlorobiphenyl	92		30 - 150	05/31/11 14:00	06/02/11 16:22	1
Tetrachloro-m-xylene	102		30 - 150	05/31/11 14:00	06/02/11 16:22	1
Tetrachloro-m-xylene	98		30 - 150	05/31/11 14:00	06/02/11 16:22	1

Client Sample ID: GBLD-55

Date Collected: 05/25/11 16:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-21

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1254	480		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 16:44	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	33		30 - 150	05/31/11 14:00	06/02/11 16:44	1
DCB Decachlorobiphenyl	26	X	30 - 150	05/31/11 14:00	06/02/11 16:44	1
Tetrachloro-m-xylene	41		30 - 150	05/31/11 14:00	06/02/11 16:44	1
Tetrachloro-m-xylene	36		30 - 150	05/31/11 14:00	06/02/11 16:44	1

Client Sample ID: GB2W-56 (6')

Date Collected: 05/26/11 10:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-22

Matrix: Solid

Percent Solids: 98.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1221	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1232	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-56 (6')

Date Collected: 05/26/11 10:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-22

Matrix: Solid

Percent Solids: 98.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1248	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1254	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1260	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1262	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1
PCB-1268	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		30 - 150	05/31/11 14:00	06/02/11 17:05	1
DCB Decachlorobiphenyl	100		30 - 150	05/31/11 14:00	06/02/11 17:05	1
Tetrachloro-m-xylene	108		30 - 150	05/31/11 14:00	06/02/11 17:05	1
Tetrachloro-m-xylene	100		30 - 150	05/31/11 14:00	06/02/11 17:05	1

Client Sample ID: GB2W-57 (3')

Date Collected: 05/26/11 10:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-23

Matrix: Solid

Percent Solids: 98.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1221	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1232	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1242	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1248	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1254	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1260	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1262	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1
PCB-1268	ND		99		ug/Kg	☼	05/31/11 14:00	06/02/11 17:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		30 - 150	05/31/11 14:00	06/02/11 17:27	1
DCB Decachlorobiphenyl	96		30 - 150	05/31/11 14:00	06/02/11 17:27	1
Tetrachloro-m-xylene	89		30 - 150	05/31/11 14:00	06/02/11 17:27	1
Tetrachloro-m-xylene	84		30 - 150	05/31/11 14:00	06/02/11 17:27	1

Client Sample ID: GB2W-58 (6')

Date Collected: 05/26/11 10:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-24

Matrix: Solid

Percent Solids: 88.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1221	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1232	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1242	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1248	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1254	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1260	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1262	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1
PCB-1268	ND		210		ug/Kg	☼	05/31/11 14:00	06/02/11 17:49	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		30 - 150	05/31/11 14:00	06/02/11 17:49	1
DCB Decachlorobiphenyl	94		30 - 150	05/31/11 14:00	06/02/11 17:49	1
Tetrachloro-m-xylene	107		30 - 150	05/31/11 14:00	06/02/11 17:49	1
Tetrachloro-m-xylene	100		30 - 150	05/31/11 14:00	06/02/11 17:49	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2W-59 (3')

Date Collected: 05/26/11 10:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-25

Matrix: Solid

Percent Solids: 89.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	05/31/11 14:00	06/02/11 18:10	1
DCB Decachlorobiphenyl	87		30 - 150	05/31/11 14:00	06/02/11 18:10	1
Tetrachloro-m-xylene	80		30 - 150	05/31/11 14:00	06/02/11 18:10	1
Tetrachloro-m-xylene	85		30 - 150	05/31/11 14:00	06/02/11 18:10	1

Client Sample ID: GB2W-60 (6')

Date Collected: 05/26/11 10:52

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-26

Matrix: Solid

Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:32	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	05/31/11 14:00	06/02/11 18:32	1
DCB Decachlorobiphenyl	98		30 - 150	05/31/11 14:00	06/02/11 18:32	1
Tetrachloro-m-xylene	85		30 - 150	05/31/11 14:00	06/02/11 18:32	1
Tetrachloro-m-xylene	91		30 - 150	05/31/11 14:00	06/02/11 18:32	1

Client Sample ID: GB2W-61 (3')

Date Collected: 05/26/11 10:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-27

Matrix: Solid

Percent Solids: 88.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1221	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1232	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1242	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1248	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 18:54	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		30 - 150	05/31/11 14:00	06/02/11 18:54	1
DCB Decachlorobiphenyl	72		30 - 150	05/31/11 14:00	06/02/11 18:54	1
Tetrachloro-m-xylene	121		30 - 150	05/31/11 14:00	06/02/11 18:54	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-61 (3')

Date Collected: 05/26/11 10:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-27

Matrix: Solid

Percent Solids: 88.8

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		30 - 150	05/31/11 14:00	06/02/11 18:54	1

Client Sample ID: GB2W-62 (6')

Date Collected: 05/26/11 11:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-28

Matrix: Solid

Percent Solids: 89.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1221	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1232	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1242	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1248	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1254	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1260	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1262	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
PCB-1268	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:15	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121		30 - 150				05/31/11 14:00	06/02/11 19:15	1
DCB Decachlorobiphenyl	98		30 - 150				05/31/11 14:00	06/02/11 19:15	1
Tetrachloro-m-xylene	103		30 - 150				05/31/11 14:00	06/02/11 19:15	1
Tetrachloro-m-xylene	94		30 - 150				05/31/11 14:00	06/02/11 19:15	1

Client Sample ID: GB2W-63 (3')

Date Collected: 05/26/11 11:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-29

Matrix: Solid

Percent Solids: 89.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1221	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1232	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1242	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1248	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1254	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1260	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1262	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
PCB-1268	ND		210		ug/Kg	✱	05/31/11 14:00	06/02/11 19:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	120		30 - 150				05/31/11 14:00	06/02/11 19:37	1
DCB Decachlorobiphenyl	90		30 - 150				05/31/11 14:00	06/02/11 19:37	1
Tetrachloro-m-xylene	124		30 - 150				05/31/11 14:00	06/02/11 19:37	1
Tetrachloro-m-xylene	112		30 - 150				05/31/11 14:00	06/02/11 19:37	1

Client Sample ID: GB2W-64 (6')

Date Collected: 05/26/11 11:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-30

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 19:59	1
PCB-1221	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 19:59	1
PCB-1232	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 19:59	1
PCB-1242	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 19:59	1
PCB-1248	ND		220		ug/Kg	✱	05/31/11 14:00	06/02/11 19:59	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-64 (6')

Date Collected: 05/26/11 11:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-30

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 19:59	1
PCB-1260	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 19:59	1
PCB-1262	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 19:59	1
PCB-1268	ND		220		ug/Kg	☼	05/31/11 14:00	06/02/11 19:59	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		30 - 150				05/31/11 14:00	06/02/11 19:59	1
DCB Decachlorobiphenyl	96		30 - 150				05/31/11 14:00	06/02/11 19:59	1
Tetrachloro-m-xylene	126		30 - 150				05/31/11 14:00	06/02/11 19:59	1
Tetrachloro-m-xylene	117		30 - 150				05/31/11 14:00	06/02/11 19:59	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

General Chemistry

Client Sample ID: GB3-36

Date Collected: 05/25/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB3-37

Date Collected: 05/25/11 12:23

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB3-38

Date Collected: 05/25/11 12:27

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB3-39

Date Collected: 05/25/11 12:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB3-40

Date Collected: 05/25/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/03/11 14:06	1
Percent Solids	85		1.0		%			06/03/11 14:06	1

Client Sample ID: GB3-41

Date Collected: 05/25/11 12:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-42

Date Collected: 05/25/11 13:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/03/11 14:06	1
Percent Solids	87		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-43

Date Collected: 05/25/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

General Chemistry

Client Sample ID: GB2-44

Date Collected: 05/25/11 13:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			06/03/11 14:06	1
Percent Solids	83		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-45

Date Collected: 05/25/11 14:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			06/03/11 14:06	1
Percent Solids	83		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-46

Date Collected: 05/25/11 14:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			06/03/11 14:06	1
Percent Solids	83		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-47

Date Collected: 05/25/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		1.0		%			06/03/11 14:06	1
Percent Solids	81		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-48

Date Collected: 05/25/11 15:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			06/03/11 14:06	1
Percent Solids	83		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-49

Date Collected: 05/25/11 15:33

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		1.0		%			06/03/11 14:06	1
Percent Solids	81		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-50

Date Collected: 05/25/11 15:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.8		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-51

Date Collected: 05/25/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/03/11 14:06	1
Percent Solids	87		1.0		%			06/03/11 14:06	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

General Chemistry

Client Sample ID: GB2-52

Date Collected: 05/25/11 15:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/03/11 14:06	1
Percent Solids	85		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-53

Date Collected: 05/25/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/03/11 14:06	1
Percent Solids	87		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2-54

Date Collected: 05/25/11 16:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

Client Sample ID: DUPLICATE-4

Date Collected: 05/25/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-20

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GBLD-55

Date Collected: 05/25/11 16:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-21

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-56 (6')

Date Collected: 05/26/11 10:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-22

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.6		1.0		%			06/03/11 14:06	1
Percent Solids	98		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-57 (3')

Date Collected: 05/26/11 10:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-23

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.2		1.0		%			06/03/11 14:06	1
Percent Solids	99		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-58 (6')

Date Collected: 05/26/11 10:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-24

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

General Chemistry

Client Sample ID: GB2W-59 (3')

Date Collected: 05/26/11 10:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-25

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-60 (6')

Date Collected: 05/26/11 10:52

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-26

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-61 (3')

Date Collected: 05/26/11 10:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-27

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-62 (6')

Date Collected: 05/26/11 11:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-28

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-63 (3')

Date Collected: 05/26/11 11:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-29

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-64 (6')

Date Collected: 05/26/11 11:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-30

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

GC Semi VOA

Prep Batch: 74467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74467/1-A	MB 360-74467/1-A	Total/NA	Solid	3540C	
LCS 360-74467/2-A	LCS 360-74467/2-A	Total/NA	Solid	3540C	
LCSD 360-74467/3-A	LCSD 360-74467/3-A	Total/NA	Solid	3540C	
360-34102-1	GB3-36	Total/NA	Solid	3540C	
360-34102-2	GB3-37	Total/NA	Solid	3540C	
360-34102-3	GB3-38	Total/NA	Solid	3540C	
360-34102-4	GB3-39	Total/NA	Solid	3540C	
360-34102-5	GB3-40	Total/NA	Solid	3540C	
360-34102-6	GB3-41	Total/NA	Solid	3540C	
360-34102-7	GB2-42	Total/NA	Solid	3540C	
360-34102-8	GB2-43	Total/NA	Solid	3540C	
360-34102-9	GB2-44	Total/NA	Solid	3540C	
360-34102-10	GB2-45	Total/NA	Solid	3540C	
360-34102-11	GB2-46	Total/NA	Solid	3540C	
360-34102-12	GB2-47	Total/NA	Solid	3540C	
360-34102-13	GB2-48	Total/NA	Solid	3540C	
360-34102-14	GB2-49	Total/NA	Solid	3540C	
360-34102-15	GB2-50	Total/NA	Solid	3540C	

Prep Batch: 74468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74468/1-A	MB 360-74468/1-A	Total/NA	Solid	3540C	
LCS 360-74468/2-A	LCS 360-74468/2-A	Total/NA	Solid	3540C	
LCSD 360-74468/3-A	LCSD 360-74468/3-A	Total/NA	Solid	3540C	
360-34102-16	GB2-51	Total/NA	Solid	3540C	
360-34102-17	GB2-52	Total/NA	Solid	3540C	
360-34102-18	GB2-53	Total/NA	Solid	3540C	
360-34102-19	GB2-54	Total/NA	Solid	3540C	
360-34102-20	DUPLICATE-4	Total/NA	Solid	3540C	
360-34102-21	GBLD-55	Total/NA	Solid	3540C	
360-34102-22	GB2W-56 (6')	Total/NA	Solid	3540C	
360-34102-23	GB2W-57 (3')	Total/NA	Solid	3540C	
360-34102-24	GB2W-58 (6')	Total/NA	Solid	3540C	
360-34102-25	GB2W-59 (3')	Total/NA	Solid	3540C	
360-34102-26	GB2W-60 (6')	Total/NA	Solid	3540C	
360-34102-27	GB2W-61 (3')	Total/NA	Solid	3540C	
360-34102-28	GB2W-62 (6')	Total/NA	Solid	3540C	
360-34102-29	GB2W-63 (3')	Total/NA	Solid	3540C	
360-34102-30	GB2W-64 (6')	Total/NA	Solid	3540C	

Analysis Batch: 74505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74468/1-A	MB 360-74468/1-A	Total/NA	Solid	8082	74468
LCS 360-74468/2-A	LCS 360-74468/2-A	Total/NA	Solid	8082	74468
LCSD 360-74468/3-A	LCSD 360-74468/3-A	Total/NA	Solid	8082	74468
360-34102-16	GB2-51	Total/NA	Solid	8082	74468
360-34102-18	GB2-53	Total/NA	Solid	8082	74468
360-34102-19	GB2-54	Total/NA	Solid	8082	74468
360-34102-20	DUPLICATE-4	Total/NA	Solid	8082	74468
360-34102-21	GBLD-55	Total/NA	Solid	8082	74468
360-34102-22	GB2W-56 (6')	Total/NA	Solid	8082	74468
360-34102-23	GB2W-57 (3')	Total/NA	Solid	8082	74468

TestAmerica Westfield

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

GC Semi VOA (Continued)

Analysis Batch: 74505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34102-24	GB2W-58 (6')	Total/NA	Solid	8082	74468
360-34102-25	GB2W-59 (3')	Total/NA	Solid	8082	74468
360-34102-26	GB2W-60 (6')	Total/NA	Solid	8082	74468
360-34102-27	GB2W-61 (3')	Total/NA	Solid	8082	74468
360-34102-28	GB2W-62 (6')	Total/NA	Solid	8082	74468
360-34102-29	GB2W-63 (3')	Total/NA	Solid	8082	74468
360-34102-30	GB2W-64 (6')	Total/NA	Solid	8082	74468

Analysis Batch: 74509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74467/1-A	MB 360-74467/1-A	Total/NA	Solid	8082	74467
LCS 360-74467/2-A	LCS 360-74467/2-A	Total/NA	Solid	8082	74467
LCSD 360-74467/3-A	LCSD 360-74467/3-A	Total/NA	Solid	8082	74467
360-34102-1	GB3-36	Total/NA	Solid	8082	74467
360-34102-2	GB3-37	Total/NA	Solid	8082	74467
360-34102-3	GB3-38	Total/NA	Solid	8082	74467
360-34102-4	GB3-39	Total/NA	Solid	8082	74467
360-34102-5	GB3-40	Total/NA	Solid	8082	74467
360-34102-6	GB3-41	Total/NA	Solid	8082	74467
360-34102-7	GB2-42	Total/NA	Solid	8082	74467
360-34102-8	GB2-43	Total/NA	Solid	8082	74467
360-34102-9	GB2-44	Total/NA	Solid	8082	74467
360-34102-10	GB2-45	Total/NA	Solid	8082	74467
360-34102-11	GB2-46	Total/NA	Solid	8082	74467
360-34102-12	GB2-47	Total/NA	Solid	8082	74467
360-34102-14	GB2-49	Total/NA	Solid	8082	74467
360-34102-15	GB2-50	Total/NA	Solid	8082	74467

Analysis Batch: 74633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34102-13	GB2-48	Total/NA	Solid	8082	74467
360-34102-17	GB2-52	Total/NA	Solid	8082	74468

General Chemistry

Analysis Batch: 74623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34102-1	GB3-36	Total/NA	Solid	Moisture	
360-34102-2	GB3-37	Total/NA	Solid	Moisture	
360-34102-3	GB3-38	Total/NA	Solid	Moisture	
360-34102-4	GB3-39	Total/NA	Solid	Moisture	
360-34102-5	GB3-40	Total/NA	Solid	Moisture	
360-34102-6	GB3-41	Total/NA	Solid	Moisture	
360-34102-7	GB2-42	Total/NA	Solid	Moisture	
360-34102-8	GB2-43	Total/NA	Solid	Moisture	
360-34102-9	GB2-44	Total/NA	Solid	Moisture	
360-34102-10	GB2-45	Total/NA	Solid	Moisture	
360-34102-11	GB2-46	Total/NA	Solid	Moisture	
360-34102-12	GB2-47	Total/NA	Solid	Moisture	
360-34102-13	GB2-48	Total/NA	Solid	Moisture	
360-34102-14	GB2-49	Total/NA	Solid	Moisture	
360-34102-15	GB2-50	Total/NA	Solid	Moisture	

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

General Chemistry (Continued)

Analysis Batch: 74623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34102-16	GB2-51	Total/NA	Solid	Moisture	
360-34102-17	GB2-52	Total/NA	Solid	Moisture	
360-34102-18	GB2-53	Total/NA	Solid	Moisture	
360-34102-19	GB2-54	Total/NA	Solid	Moisture	
360-34102-23	GB2W-57 (3')	Total/NA	Solid	Moisture	
360-34102-23 DU	GB2W-57 (3')	Total/NA	Solid	Moisture	
360-34102-20	DUPLICATE-4	Total/NA	Solid	Moisture	
360-34102-21	GBLD-55	Total/NA	Solid	Moisture	
360-34102-22	GB2W-56 (6')	Total/NA	Solid	Moisture	
360-34102-24	GB2W-58 (6')	Total/NA	Solid	Moisture	
360-34102-25	GB2W-59 (3')	Total/NA	Solid	Moisture	
360-34102-26	GB2W-60 (6')	Total/NA	Solid	Moisture	
360-34102-27	GB2W-61 (3')	Total/NA	Solid	Moisture	
360-34102-28	GB2W-62 (6')	Total/NA	Solid	Moisture	
360-34102-29	GB2W-63 (3')	Total/NA	Solid	Moisture	
360-34102-30	GB2W-64 (6')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34102-1	GB3-36	78	108	92	99
360-34102-2	GB3-37	90	125	83	97
360-34102-3	GB3-38	89	102	88	102
360-34102-4	GB3-39	84	104	54	79
360-34102-5	GB3-40	85	96	57	75
360-34102-6	GB3-41	68	93	80	89
360-34102-7	GB2-42	69	79	61	87
360-34102-8	GB2-43	80	82	50	77
360-34102-9	GB2-44	70	98	55	72
360-34102-10	GB2-45	72	80	64	81
360-34102-11	GB2-46	133	162 X	76	87
360-34102-12	GB2-47	91 p	157 X	91	74
360-34102-13	GB2-48	127	96	82	91
360-34102-14	GB2-49	127	143	46	67
360-34102-15	GB2-50	293 X	328 X	50	68
360-34102-16	GB2-51	111	73	107	95
360-34102-17	GB2-52	131	98	123	103
360-34102-18	GB2-53	98	77	85	87
360-34102-19	GB2-54	114	97	73	80
360-34102-20	DUPLICATE-4	115	92	102	98
360-34102-21	GBLD-55	33	26 X	41	36
360-34102-22	GB2W-56 (6')	116	100	108	100
360-34102-23	GB2W-57 (3')	114	96	89	84
360-34102-24	GB2W-58 (6')	109	94	107	100
360-34102-25	GB2W-59 (3')	102	87	80	85
360-34102-26	GB2W-60 (6')	102	98	85	91
360-34102-27	GB2W-61 (3')	85	72	121	87
360-34102-28	GB2W-62 (6')	121	98	103	94
360-34102-29	GB2W-63 (3')	120	90	124	112
360-34102-30	GB2W-64 (6')	128	96	126	117
LCS 360-74467/2-A	LCS 360-74467/2-A	80	110	36	41
LCS 360-74468/2-A	LCS 360-74468/2-A	118	103	82	72
LCSD 360-74467/3-A	LCSD 360-74467/3-A	86	106	39	44
LCSD 360-74468/3-A	LCSD 360-74468/3-A	114	95	85	74
MB 360-74467/1-A	MB 360-74467/1-A	72 p	108	36	44
MB 360-74468/1-A	MB 360-74468/1-A	95	75	66	57

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74467/1-A

Matrix: Solid

Analysis Batch: 74509

Client Sample ID: MB 360-74467/1-A

Prep Type: Total/NA

Prep Batch: 74467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1221	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1232	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1242	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1248	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1254	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1260	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1262	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1
PCB-1268	ND		100		ug/Kg		05/31/11 14:00	06/02/11 08:44	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72	p	30 - 150	05/31/11 14:00	06/02/11 08:44	1
DCB Decachlorobiphenyl	108		30 - 150	05/31/11 14:00	06/02/11 08:44	1
Tetrachloro-m-xylene	36		30 - 150	05/31/11 14:00	06/02/11 08:44	1
Tetrachloro-m-xylene	44		30 - 150	05/31/11 14:00	06/02/11 08:44	1

Lab Sample ID: LCS 360-74467/2-A

Matrix: Solid

Analysis Batch: 74509

Client Sample ID: LCS 360-74467/2-A

Prep Type: Total/NA

Prep Batch: 74467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	356		ug/Kg		71	40 - 140
PCB-1260	500	532		ug/Kg		106	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	80		30 - 150
DCB Decachlorobiphenyl	110		30 - 150
Tetrachloro-m-xylene	36		30 - 150
Tetrachloro-m-xylene	41		30 - 150

Lab Sample ID: LCSD 360-74467/3-A

Matrix: Solid

Analysis Batch: 74509

Client Sample ID: LCSD 360-74467/3-A

Prep Type: Total/NA

Prep Batch: 74467

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	349		ug/Kg		70	40 - 140	2	30
PCB-1260	500	507		ug/Kg		101	40 - 140	5	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	86		30 - 150
DCB Decachlorobiphenyl	106		30 - 150
Tetrachloro-m-xylene	39		30 - 150
Tetrachloro-m-xylene	44		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 360-74468/1-A

Matrix: Solid

Analysis Batch: 74505

Client Sample ID: MB 360-74468/1-A

Prep Type: Total/NA

Prep Batch: 74468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1221	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1232	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1242	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1248	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1254	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1260	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1262	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1
PCB-1268	ND		100		ug/Kg		05/31/11 14:00	06/02/11 13:50	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	95		30 - 150	05/31/11 14:00	06/02/11 13:50	1
DCB Decachlorobiphenyl	75		30 - 150	05/31/11 14:00	06/02/11 13:50	1
Tetrachloro-m-xylene	66		30 - 150	05/31/11 14:00	06/02/11 13:50	1
Tetrachloro-m-xylene	57		30 - 150	05/31/11 14:00	06/02/11 13:50	1

Lab Sample ID: LCS 360-74468/2-A

Matrix: Solid

Analysis Batch: 74505

Client Sample ID: LCS 360-74468/2-A

Prep Type: Total/NA

Prep Batch: 74468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	529		ug/Kg		106	40 - 140
PCB-1260	500	641		ug/Kg		128	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	118		30 - 150
DCB Decachlorobiphenyl	103		30 - 150
Tetrachloro-m-xylene	82		30 - 150
Tetrachloro-m-xylene	72		30 - 150

Lab Sample ID: LCSD 360-74468/3-A

Matrix: Solid

Analysis Batch: 74505

Client Sample ID: LCSD 360-74468/3-A

Prep Type: Total/NA

Prep Batch: 74468

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	542		ug/Kg		108	40 - 140	2	30
PCB-1260	500	627		ug/Kg		125	40 - 140	2	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	114		30 - 150
DCB Decachlorobiphenyl	95		30 - 150
Tetrachloro-m-xylene	85		30 - 150
Tetrachloro-m-xylene	74		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34102-23 DU

Matrix: Solid

Analysis Batch: 74623

Client Sample ID: GB2W-57 (3')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	1.2		1.4		%		20	20
Percent Solids	99		99		%		0.3	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB3-36

Date Collected: 05/25/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-1

Matrix: Solid

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 12:15	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB3-37

Date Collected: 05/25/11 12:23

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-2

Matrix: Solid

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 12:36	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB3-38

Date Collected: 05/25/11 12:27

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-3

Matrix: Solid

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 12:57	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB3-39

Date Collected: 05/25/11 12:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-4

Matrix: Solid

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 13:18	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB3-40

Date Collected: 05/25/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-5

Matrix: Solid

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 13:39	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB3-41

Date Collected: 05/25/11 12:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-6

Matrix: Solid

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 14:00	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-42

Date Collected: 05/25/11 13:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-7

Matrix: Solid

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 14:21	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-43

Date Collected: 05/25/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-8

Matrix: Solid

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 14:42	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-44

Date Collected: 05/25/11 13:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-9

Matrix: Solid

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 15:03	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-45

Date Collected: 05/25/11 14:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-10

Matrix: Solid

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 15:25	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2-46

Date Collected: 05/25/11 14:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-11

Matrix: Solid

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 15:46	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-47

Date Collected: 05/25/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-12

Matrix: Solid

Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 16:07	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-48

Date Collected: 05/25/11 15:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-13

Matrix: Solid

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		5	74633	06/03/11 11:28	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-49

Date Collected: 05/25/11 15:33

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-14

Matrix: Solid

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 16:49	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-50

Date Collected: 05/25/11 15:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-15

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74467	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74509	06/02/11 17:10	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2-51

Date Collected: 05/25/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-16

Matrix: Solid

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 14:55	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-52

Date Collected: 05/25/11 15:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-17

Matrix: Solid

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		5	74633	06/03/11 11:49	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-53

Date Collected: 05/25/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-18

Matrix: Solid

Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 15:39	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2-54

Date Collected: 05/25/11 16:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-19

Matrix: Solid

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 16:00	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: DUPLICATE-4

Date Collected: 05/25/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-20

Matrix: Solid

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 16:22	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GBLD-55

Date Collected: 05/25/11 16:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-21

Matrix: Solid

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 16:44	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-56 (6')

Date Collected: 05/26/11 10:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-22

Matrix: Solid

Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 17:05	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-57 (3')

Date Collected: 05/26/11 10:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-23

Matrix: Solid

Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 17:27	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-58 (6')

Date Collected: 05/26/11 10:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-24

Matrix: Solid

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 17:49	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-59 (3')

Date Collected: 05/26/11 10:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-25

Matrix: Solid

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 18:10	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Client Sample ID: GB2W-60 (6')

Date Collected: 05/26/11 10:52

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-26

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 18:32	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-61 (3')

Date Collected: 05/26/11 10:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-27

Matrix: Solid

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 18:54	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-62 (6')

Date Collected: 05/26/11 11:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-28

Matrix: Solid

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 19:15	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-63 (3')

Date Collected: 05/26/11 11:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-29

Matrix: Solid

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 19:37	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-64 (6')

Date Collected: 05/26/11 11:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34102-30

Matrix: Solid

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74468	05/31/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 19:59	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34102-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34102-1

Login Number: 34102

List Source: TestAmerica Westfield

List Number: 1

Creator: Mason, Becky C

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Westfield

Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Chain of Custody Record

360-34602

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: KEVIN McALKEE Company: WSE Address: P.O. Box 188 City: WATERBURY State, Zip: VT, 05676 Phone: 402-244-5051 Email: McALKEE@WSEINC.COM Project Name/Number: MWL BEKTMILL-CREANTRY Site:		Sampler: SHAWN DONOHAN Lab PM: BECKY MASON Phone: 802-922-3447 E-Mail: McALKEE@WSEINC.COM		Carrier Tracking No(s): COC No: 015164 Page: 1 OF 8 Job #: 36002674	
Due Date Requested: TAT Requested (days): Quote #: PO #: WO #: SSOW#:		Analysis Requested Preservation Codes: A - HCL J - DI Water B - NaOH M - Hexane C - Zn Acetate N - None D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 H - Ascorbic Acid S - H2SO4 I - Ice Z - other (specify)			
Regulatory programs: MCP ☐ GWI/SI ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐		Total Number of Containers			
Special Instructions/Note:		Special Instructions/Note:			
Sample Identification GB3-36 GB3-37 GB3-38 GB3-39 GB3-40 GB3-41 GB2-42 GB2-43 GB2-44 GB2-45		Sample Date 5/15/11 1215 1223 1227 1235 1240 1255 1310 1330 1340 1405		Sample Type (C=comp, G=grab) G G G G G G G G G G G	
Matrix (We-ster, Sw-ster, D-ster, G-ster, A-Air)		Sample Date 5/15/11 1215 1223 1227 1235 1240 1255 1310 1330 1340 1405		Sample Type (C=comp, G=grab) G G G G G G G G G G G	
Field Filtered Sample? ☒		Perform MSMSD? ☒		Field Filtered Sample? ☒	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Special Instructions/OC Requirements:			
Relinquished by: <i>Shawn Donohan</i> Date/Time: 5/17/11 1640 Company: WSE		Relinquished by: <i>Shawn Donohan</i> Date/Time: 05/27/11 1740 Company: TA		Relinquished by: <i>Shawn Donohan</i> Date/Time: 5/28/11 1110 Company: TA	
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:			

Client Information		Lab PM: Shawn Donovan		Carrier Tracking No(s):		COC No: 015165	
Client Contact:		Phone: 902-922-3447		E-Mail:		Page:	
Company:		Due Date Requested:		Analysis Requested		Job #: 2 of 8	
Address:		TAT Requested (days):		Preservation Codes:		A - HCL J - DI Water B - NaOH M - Hexane C - Zn Acetate N - None D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 H - Ascorbic Acid S - H2SO4 I - Ice Z - other (specify)	
City:		Quote #:		Regulatory programs:		MCP ☐ GWI/S1 ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐	
State, Zip:		PO #:		Total Number of containers			
Phone:		WO #:		Field Filled Sample?			
Email:		SSOW#:		Perform MS/MSD?			
Project Name/number:		Sample Date		Sample's Initials		Special Instructions/Note:	
Site:		Sample Time		Sample Type (C=comp, G=grab)			
		Sample Date		Matrix (W=water, S=solid, O=oil, BT=tissue, A=air)			
Sample Identification		GB2-46		5/25/11 1415		S	
		GB2-47		1515			
		GB2-48		1525			
		GB2-49		1533			
		GB2-50		1545			
		GB2-51		1550			
		GB2-52		1555			
		GB2-53		1600			
		GB2-54		1605			
DUPLICATE - 4		1200		V			
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☒ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			
Relinquished by: Shawn Donovan		Date/Time: 5/25/11 1640		Received by: Sean Lactin		Date/Time: 05/27/11 1640	
Relinquished by: Sean Lactin		Date/Time: 05/27/11 1740		Received by: TA		Date/Time: 5/28/11 1100	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Operating:		3.6°C	

Chain of Custody Record

360-3462

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: SHAWN DANOVAN	Lab P/N: Becky Mason	Carrier Tracking No(s):	COC No: 015166				
Client Contact:		Phone: 809-922-3447	E-Mail:	Page: 3 of 8	Job #:				
Company:		Analysis Requested							
Address:		Preservation Codes:							
City:		A - HCL J - DI Water							
State, Zip:		B - NaOH M - Hexane							
Phone:		C - Zn Acetate N - None							
Email:		D - Nitric Acid P - Na2O4S							
Project Name/number:		E - NaHSO4 Q - Na2SO3							
Site:		F - MeOH R - Na2S2O3							
		H - Ascorbic Acid S - H2SO4							
		I - Ice Z - other (specify)							
		Regulatory programs:							
		MCP ☐ GW1/S1 ☐							
		RCP ☐ CT RSR ☐							
		DEP Form ☐ EDD Required ☐							
		Total Number of containers							
		Special Instructions/Note:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=trace, A=air)	Field Filtered Sample?	Perform MS/MSD?	Analysis Requested	Special Instructions/Note:
GBAD-55		5/25/11	1615	G	S	X	X		
GBAW-56 (6')		5/26/11	1030			X	X		
GBRW-57 (3')			1040			X	X		
GBRW-58 (6')			1045			X	X		
GBRW-59 (3')			1050			X	X		
GBRW-60 (6')			1052			X	X		
GBRW-61 (3')			1055			X	X		
GBRW-62 (6')			1100			X	X		
GBRW-63 (3')			1105			X	X		
GBRW-64 (6')			1110			X	X		
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months							
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:							
Relinquished by: [Signature]		Date/Time: 5/25/11 1640	Company: WSE		Received by: [Signature]		Date/Time: 05/27/11 1640	Company: TFA	
Relinquished by: [Signature]		Date/Time: 05/27/11 1740	Company: TFA		Received by: [Signature]		Date/Time: 5/28/11 1110	Company: [Signature]	
Relinquished by: [Signature]		Date/Time:	Company:		Received by: [Signature]		Date/Time:	Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) and Other Remarks: 360C		Date/Time: 5/28/11 1110		Company: [Signature]	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34103-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/11/2011 11:33:15 AM

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Job ID: 360-34103-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/28/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.4, 4.0, 3.2, 0.4, 4.0, 1.4 and 3.6 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GB2W-65 (3') (360-34103-1), DUPLICATE-5 (360-34103-2), GB2W-66 (6') (360-34103-3), GB2W-67 (3') (360-34103-4), GB2W-68 (6') (360-34103-5), GB2W-69 (3') (360-34103-6), GB2W-70 (6') (360-34103-7), GB2W-71 (3') (360-34103-8), GB2W-72 (6') (360-34103-9), GB2W-73 (3') (360-34103-10), GB2W-74 (6') (360-34103-11), GB2W-75 (3') (360-34103-12), GB2W-76 (6') (360-34103-13), GB2W-77 (3') (360-34103-14), GB2W-78 (6') (360-34103-15), GB2W-79 (3') (360-34103-16), GB2W-80 (1') (360-34103-17), GB2W-81 (1') (360-34103-18), GB2W-82 (1') (360-34103-19) and GB2W-83 (1') (360-34103-20) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 06/01/2011 and analyzed on 06/07/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for GB2W-73 (3') (360-34103-10). DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria high for GB2W-80 (1') (360-34103-17). No target analytes were detected in these samples. Results would be biased high. Refer to the QC report for details.

PCB-1260 failed the recovery criteria high for the MSD of sample GB2W-75 (3') (360-34103-12) in batch 360-74807. The associated LCS and LCSD recovered within control limits. Refer to the QC report for details.

PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the closing continuing calibration verification (CCV) (primary column only) associated with the following samples: LCS 360-74534/2-A, LCSD 360-74534/3-A, MB 360-74534/1-A, GB2W-65 (3') (360-34103-1), DUPLICATE-5 (360-34103-2), GB2W-66 (6') (360-34103-3), GB2W-67 (3') (360-34103-4), GB2W-68 (6') (360-34103-5), GB2W-69 (3') (360-34103-6), GB2W-70 (6') (360-34103-7), GB2W-71 (3') (360-34103-8), GB2W-72 (6') (360-34103-9), GB2W-73 (3') (360-34103-10). PCB-1260 and DCB Decachlorobiphenyl failed the criteria high (primary column only) for the opening CCV associated with the following samples: GB2W-74 (6') (360-34103-11), GB2W-75 (3') (360-34103-12), GB2W-75 (3') (360-34103-12) MS, GB2W-75 (3') (360-34103-12) MSD, GB2W-76 (6') (360-34103-13), GB2W-77 (3') (360-34103-14), GB2W-78 (6') (360-34103-15), GB2W-79 (3') (360-34103-16), GB2W-80 (1') (360-34103-17), GB2W-81 (1') (360-34103-18), GB2W-82 (1') (360-34103-19) and GB2W-83 (1') (360-34103-20). PCB-1260 and DCB Decachlorobiphenyl failed the criteria high (primary and secondary columns) for the closing CCV associated with these samples. PCB-1260 was not detected in the associated samples. Results would be biased high.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples EQUIPMENT BLANK-1 (360-34103-21), EQUIPMENT BLANK-2 (360-34103-22) and EQUIPMENT BLANK-3 (360-34103-23) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/31/2011 and analyzed on 06/02/2011.

PCB-1260 failed the criteria high for the opening continuing calibration verification (CCV) (primary column only). PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the closing CCV (primary column only).

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Job ID: 360-34103-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB2W-65 (3') (360-34103-1), DUPLICATE-5 (360-34103-2), GB2W-66 (6') (360-34103-3), GB2W-67 (3') (360-34103-4), GB2W-68 (6') (360-34103-5), GB2W-69 (3') (360-34103-6), GB2W-70 (6') (360-34103-7), GB2W-71 (3') (360-34103-8), GB2W-72 (6') (360-34103-9), GB2W-73 (3') (360-34103-10), GB2W-74 (6') (360-34103-11), GB2W-75 (3') (360-34103-12), GB2W-76 (6') (360-34103-13), GB2W-77 (3') (360-34103-14), GB2W-78 (6') (360-34103-15), GB2W-79 (3') (360-34103-16), GB2W-80 (1') (360-34103-17), GB2W-81 (1') (360-34103-18), GB2W-82 (1') (360-34103-19) and GB2W-83 (1') (360-34103-20) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/03/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-65 (3')

Lab Sample ID: 360-34103-1

No Detections.

Client Sample ID: DUPLICATE-5

Lab Sample ID: 360-34103-2

No Detections.

Client Sample ID: GB2W-66 (6')

Lab Sample ID: 360-34103-3

No Detections.

Client Sample ID: GB2W-67 (3')

Lab Sample ID: 360-34103-4

No Detections.

Client Sample ID: GB2W-68 (6')

Lab Sample ID: 360-34103-5

No Detections.

Client Sample ID: GB2W-69 (3')

Lab Sample ID: 360-34103-6

No Detections.

Client Sample ID: GB2W-70 (6')

Lab Sample ID: 360-34103-7

No Detections.

Client Sample ID: GB2W-71 (3')

Lab Sample ID: 360-34103-8

No Detections.

Client Sample ID: GB2W-72 (6')

Lab Sample ID: 360-34103-9

No Detections.

Client Sample ID: GB2W-73 (3')

Lab Sample ID: 360-34103-10

No Detections.

Client Sample ID: GB2W-74 (6')

Lab Sample ID: 360-34103-11

No Detections.

Client Sample ID: GB2W-75 (3')

Lab Sample ID: 360-34103-12

No Detections.

Client Sample ID: GB2W-76 (6')

Lab Sample ID: 360-34103-13

No Detections.

Client Sample ID: GB2W-77 (3')

Lab Sample ID: 360-34103-14

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-78 (6')

Lab Sample ID: 360-34103-15

No Detections.

Client Sample ID: GB2W-79 (3')

Lab Sample ID: 360-34103-16

No Detections.

Client Sample ID: GB2W-80 (1')

Lab Sample ID: 360-34103-17

No Detections.

Client Sample ID: GB2W-81 (1')

Lab Sample ID: 360-34103-18

No Detections.

Client Sample ID: GB2W-82 (1')

Lab Sample ID: 360-34103-19

No Detections.

Client Sample ID: GB2W-83 (1')

Lab Sample ID: 360-34103-20

No Detections.

Client Sample ID: EQUIPMENT BLANK-1

Lab Sample ID: 360-34103-21

No Detections.

Client Sample ID: EQUIPMENT BLANK-2

Lab Sample ID: 360-34103-22

No Detections.

Client Sample ID: EQUIPMENT BLANK-3

Lab Sample ID: 360-34103-23

No Detections.

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34103-1	GB2W-65 (3')	Solid	05/26/11 11:15	05/28/11 11:10
360-34103-2	DUPLICATE-5	Solid	05/26/11 12:00	05/28/11 11:10
360-34103-3	GB2W-66 (6')	Solid	05/26/11 11:20	05/28/11 11:10
360-34103-4	GB2W-67 (3')	Solid	05/26/11 11:25	05/28/11 11:10
360-34103-5	GB2W-68 (6')	Solid	05/26/11 11:55	05/28/11 11:10
360-34103-6	GB2W-69 (3')	Solid	05/26/11 12:00	05/28/11 11:10
360-34103-7	GB2W-70 (6')	Solid	05/26/11 12:02	05/28/11 11:10
360-34103-8	GB2W-71 (3')	Solid	05/26/11 12:05	05/28/11 11:10
360-34103-9	GB2W-72 (6')	Solid	05/26/11 12:10	05/28/11 11:10
360-34103-10	GB2W-73 (3')	Solid	05/26/11 12:13	05/28/11 11:10
360-34103-11	GB2W-74 (6')	Solid	05/26/11 12:20	05/28/11 11:10
360-34103-12	GB2W-75 (3')	Solid	05/26/11 12:23	05/28/11 11:10
360-34103-13	GB2W-76 (6')	Solid	05/26/11 12:30	05/28/11 11:10
360-34103-14	GB2W-77 (3')	Solid	05/26/11 12:34	05/28/11 11:10
360-34103-15	GB2W-78 (6')	Solid	05/26/11 12:35	05/28/11 11:10
360-34103-16	GB2W-79 (3')	Solid	05/26/11 12:40	05/28/11 11:10
360-34103-17	GB2W-80 (1')	Solid	05/26/11 13:15	05/28/11 11:10
360-34103-18	GB2W-81 (1')	Solid	05/26/11 13:20	05/28/11 11:10
360-34103-19	GB2W-82 (1')	Solid	05/26/11 13:30	05/28/11 11:10
360-34103-20	GB2W-83 (1')	Solid	05/26/11 13:35	05/28/11 11:10
360-34103-21	EQUIPMENT BLANK-1	Water	05/24/11 16:50	05/28/11 11:10
360-34103-22	EQUIPMENT BLANK-2	Water	05/25/11 17:00	05/28/11 11:10
360-34103-23	EQUIPMENT BLANK-3	Water	05/26/11 17:30	05/28/11 11:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB2W-65 (3')

Date Collected: 05/26/11 11:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-1

Matrix: Solid

Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1221	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1232	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1242	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1248	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1254	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1260	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1262	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
PCB-1268	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 13:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	120		30 - 150				06/01/11 14:00	06/07/11 13:01	1
DCB Decachlorobiphenyl	104		30 - 150				06/01/11 14:00	06/07/11 13:01	1
Tetrachloro-m-xylene	90		30 - 150				06/01/11 14:00	06/07/11 13:01	1
Tetrachloro-m-xylene	88		30 - 150				06/01/11 14:00	06/07/11 13:01	1

Client Sample ID: DUPLICATE-5

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-2

Matrix: Solid

Percent Solids: 87.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1221	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1232	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1242	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1248	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1254	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1260	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1262	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
PCB-1268	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 13:25	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	111		30 - 150				06/01/11 14:00	06/07/11 13:25	1
DCB Decachlorobiphenyl	111		30 - 150				06/01/11 14:00	06/07/11 13:25	1
Tetrachloro-m-xylene	86		30 - 150				06/01/11 14:00	06/07/11 13:25	1
Tetrachloro-m-xylene	90		30 - 150				06/01/11 14:00	06/07/11 13:25	1

Client Sample ID: GB2W-66 (6')

Date Collected: 05/26/11 11:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-3

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1221	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1232	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1242	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1248	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1254	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1260	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1262	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
PCB-1268	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 13:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	134		30 - 150				06/01/11 14:00	06/07/11 13:50	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-66 (6')

Date Collected: 05/26/11 11:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-3

Matrix: Solid

Percent Solids: 100.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121		30 - 150	06/01/11 14:00	06/07/11 13:50	1
Tetrachloro-m-xylene	105		30 - 150	06/01/11 14:00	06/07/11 13:50	1
Tetrachloro-m-xylene	98		30 - 150	06/01/11 14:00	06/07/11 13:50	1

Client Sample ID: GB2W-67 (3')

Date Collected: 05/26/11 11:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-4

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1221	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1232	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1242	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1248	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1254	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1260	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1262	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1
PCB-1268	ND		100		ug/Kg	✱	06/01/11 14:00	06/07/11 14:14	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121		30 - 150	06/01/11 14:00	06/07/11 14:14	1
DCB Decachlorobiphenyl	113		30 - 150	06/01/11 14:00	06/07/11 14:14	1
Tetrachloro-m-xylene	98		30 - 150	06/01/11 14:00	06/07/11 14:14	1
Tetrachloro-m-xylene	95		30 - 150	06/01/11 14:00	06/07/11 14:14	1

Client Sample ID: GB2W-68 (6')

Date Collected: 05/26/11 11:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-5

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1221	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1232	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1242	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1248	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1254	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1260	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1262	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1
PCB-1268	ND		93		ug/Kg	✱	06/01/11 14:00	06/07/11 14:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	134		30 - 150	06/01/11 14:00	06/07/11 14:39	1
DCB Decachlorobiphenyl	116		30 - 150	06/01/11 14:00	06/07/11 14:39	1
Tetrachloro-m-xylene	93		30 - 150	06/01/11 14:00	06/07/11 14:39	1
Tetrachloro-m-xylene	87		30 - 150	06/01/11 14:00	06/07/11 14:39	1

Client Sample ID: GB2W-69 (3')

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-6

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 15:03	1
PCB-1221	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 15:03	1
PCB-1232	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 15:03	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-69 (3')

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-6

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1
PCB-1248	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1
PCB-1254	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1
PCB-1260	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1
PCB-1262	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1
PCB-1268	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 15:03	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	142		30 - 150	06/01/11 14:00	06/07/11 15:03	1
DCB Decachlorobiphenyl	115		30 - 150	06/01/11 14:00	06/07/11 15:03	1
Tetrachloro-m-xylene	111		30 - 150	06/01/11 14:00	06/07/11 15:03	1
Tetrachloro-m-xylene	100		30 - 150	06/01/11 14:00	06/07/11 15:03	1

Client Sample ID: GB2W-70 (6')

Date Collected: 05/26/11 12:02

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-7

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1221	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1232	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1242	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1248	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1254	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1260	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1262	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1
PCB-1268	ND		94		ug/Kg	☼	06/01/11 14:00	06/07/11 15:28	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121		30 - 150	06/01/11 14:00	06/07/11 15:28	1
DCB Decachlorobiphenyl	116		30 - 150	06/01/11 14:00	06/07/11 15:28	1
Tetrachloro-m-xylene	89		30 - 150	06/01/11 14:00	06/07/11 15:28	1
Tetrachloro-m-xylene	99		30 - 150	06/01/11 14:00	06/07/11 15:28	1

Client Sample ID: GB2W-71 (3')

Date Collected: 05/26/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-8

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1221	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1232	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1242	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1248	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1254	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1260	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1262	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1
PCB-1268	ND		93		ug/Kg	☼	06/01/11 14:00	06/07/11 15:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	131		30 - 150	06/01/11 14:00	06/07/11 15:52	1
DCB Decachlorobiphenyl	119		30 - 150	06/01/11 14:00	06/07/11 15:52	1
Tetrachloro-m-xylene	120		30 - 150	06/01/11 14:00	06/07/11 15:52	1
Tetrachloro-m-xylene	103		30 - 150	06/01/11 14:00	06/07/11 15:52	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB2W-72 (6')

Date Collected: 05/26/11 12:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-9

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1221	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1232	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1242	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1248	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1254	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1260	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1262	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
PCB-1268	ND		98		ug/Kg	☼	06/01/11 14:00	06/07/11 16:17	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		30 - 150				06/01/11 14:00	06/07/11 16:17	1
DCB Decachlorobiphenyl	120		30 - 150				06/01/11 14:00	06/07/11 16:17	1
Tetrachloro-m-xylene	96		30 - 150				06/01/11 14:00	06/07/11 16:17	1
Tetrachloro-m-xylene	95		30 - 150				06/01/11 14:00	06/07/11 16:17	1

Client Sample ID: GB2W-73 (3')

Date Collected: 05/26/11 12:13

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-10

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1221	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1232	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1242	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1248	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1254	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1260	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1262	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
PCB-1268	ND		92		ug/Kg	☼	06/01/11 14:00	06/07/11 16:41	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	153	X	30 - 150				06/01/11 14:00	06/07/11 16:41	1
DCB Decachlorobiphenyl	126		30 - 150				06/01/11 14:00	06/07/11 16:41	1
Tetrachloro-m-xylene	116		30 - 150				06/01/11 14:00	06/07/11 16:41	1
Tetrachloro-m-xylene	98		30 - 150				06/01/11 14:00	06/07/11 16:41	1

Client Sample ID: GB2W-74 (6')

Date Collected: 05/26/11 12:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-11

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1221	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1232	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1242	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1248	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1254	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1260	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1262	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
PCB-1268	ND		95		ug/Kg	☼	06/01/11 14:00	06/07/11 17:55	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	148		30 - 150				06/01/11 14:00	06/07/11 17:55	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-74 (6')

Date Collected: 05/26/11 12:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-11

Matrix: Solid

Percent Solids: 100.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124		30 - 150	06/01/11 14:00	06/07/11 17:55	1
Tetrachloro-m-xylene	105		30 - 150	06/01/11 14:00	06/07/11 17:55	1
Tetrachloro-m-xylene	98		30 - 150	06/01/11 14:00	06/07/11 17:55	1

Client Sample ID: GB2W-75 (3')

Date Collected: 05/26/11 12:23

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-12

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1221	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1232	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1242	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1248	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1254	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1260	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1262	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1
PCB-1268	ND		94		ug/Kg	✱	06/01/11 14:00	06/07/11 18:19	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		30 - 150	06/01/11 14:00	06/07/11 18:19	1
DCB Decachlorobiphenyl	121		30 - 150	06/01/11 14:00	06/07/11 18:19	1
Tetrachloro-m-xylene	88		30 - 150	06/01/11 14:00	06/07/11 18:19	1
Tetrachloro-m-xylene	92		30 - 150	06/01/11 14:00	06/07/11 18:19	1

Client Sample ID: GB2W-76 (6')

Date Collected: 05/26/11 12:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-13

Matrix: Solid

Percent Solids: 87.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1221	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1232	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1242	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1248	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1254	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1260	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1262	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1
PCB-1268	ND		110		ug/Kg	✱	06/01/11 14:00	06/07/11 18:44	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	131		30 - 150	06/01/11 14:00	06/07/11 18:44	1
DCB Decachlorobiphenyl	124		30 - 150	06/01/11 14:00	06/07/11 18:44	1
Tetrachloro-m-xylene	101		30 - 150	06/01/11 14:00	06/07/11 18:44	1
Tetrachloro-m-xylene	97		30 - 150	06/01/11 14:00	06/07/11 18:44	1

Client Sample ID: GB2W-77 (3')

Date Collected: 05/26/11 12:34

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-14

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1221	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1232	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-77 (3')

Date Collected: 05/26/11 12:34

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-14

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1248	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1254	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1260	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1262	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1
PCB-1268	ND		98		ug/Kg	✱	06/01/11 14:00	06/07/11 19:08	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	143		30 - 150	06/01/11 14:00	06/07/11 19:08	1
DCB Decachlorobiphenyl	122		30 - 150	06/01/11 14:00	06/07/11 19:08	1
Tetrachloro-m-xylene	98		30 - 150	06/01/11 14:00	06/07/11 19:08	1
Tetrachloro-m-xylene	94		30 - 150	06/01/11 14:00	06/07/11 19:08	1

Client Sample ID: GB2W-78 (6')

Date Collected: 05/26/11 12:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-15

Matrix: Solid

Percent Solids: 88.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1221	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1232	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1242	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1248	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1254	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1260	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1262	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1
PCB-1268	ND		180		ug/Kg	✱	06/01/11 14:00	06/07/11 19:33	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137		30 - 150	06/01/11 14:00	06/07/11 19:33	1
DCB Decachlorobiphenyl	111		30 - 150	06/01/11 14:00	06/07/11 19:33	1
Tetrachloro-m-xylene	105		30 - 150	06/01/11 14:00	06/07/11 19:33	1
Tetrachloro-m-xylene	100		30 - 150	06/01/11 14:00	06/07/11 19:33	1

Client Sample ID: GB2W-79 (3')

Date Collected: 05/26/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-16

Matrix: Solid

Percent Solids: 88.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1221	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1232	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1242	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1248	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1254	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1260	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1262	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1
PCB-1268	ND		210		ug/Kg	✱	06/01/11 14:00	06/07/11 19:57	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	115		30 - 150	06/01/11 14:00	06/07/11 19:57	1
DCB Decachlorobiphenyl	78		30 - 150	06/01/11 14:00	06/07/11 19:57	1
Tetrachloro-m-xylene	82		30 - 150	06/01/11 14:00	06/07/11 19:57	1
Tetrachloro-m-xylene	77		30 - 150	06/01/11 14:00	06/07/11 19:57	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB2W-80 (1')

Date Collected: 05/26/11 13:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-17

Matrix: Solid

Percent Solids: 88.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1221	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1232	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1242	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1248	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1254	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1260	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1262	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
PCB-1268	ND		190		ug/Kg	☼	06/01/11 14:00	06/07/11 20:22	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	270	X	30 - 150				06/01/11 14:00	06/07/11 20:22	1
DCB Decachlorobiphenyl	219	X	30 - 150				06/01/11 14:00	06/07/11 20:22	1
Tetrachloro-m-xylene	193	X	30 - 150				06/01/11 14:00	06/07/11 20:22	1
Tetrachloro-m-xylene	184	X	30 - 150				06/01/11 14:00	06/07/11 20:22	1

Client Sample ID: GB2W-81 (1')

Date Collected: 05/26/11 13:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-18

Matrix: Solid

Percent Solids: 88.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1221	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1232	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1242	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1248	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1254	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1260	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1262	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
PCB-1268	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 20:46	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		30 - 150				06/01/11 14:00	06/07/11 20:46	1
DCB Decachlorobiphenyl	108		30 - 150				06/01/11 14:00	06/07/11 20:46	1
Tetrachloro-m-xylene	78		30 - 150				06/01/11 14:00	06/07/11 20:46	1
Tetrachloro-m-xylene	82		30 - 150				06/01/11 14:00	06/07/11 20:46	1

Client Sample ID: GB2W-82 (1')

Date Collected: 05/26/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-19

Matrix: Solid

Percent Solids: 90.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1221	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1232	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1242	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1248	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1254	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1260	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1262	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
PCB-1268	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 21:11	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		30 - 150				06/01/11 14:00	06/07/11 21:11	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB2W-82 (1')

Date Collected: 05/26/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-19

Matrix: Solid

Percent Solids: 90.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	106		30 - 150	06/01/11 14:00	06/07/11 21:11	1
Tetrachloro-m-xylene	78		30 - 150	06/01/11 14:00	06/07/11 21:11	1
Tetrachloro-m-xylene	86		30 - 150	06/01/11 14:00	06/07/11 21:11	1

Client Sample ID: GB2W-83 (1')

Date Collected: 05/26/11 13:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-20

Matrix: Solid

Percent Solids: 89.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1221	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1232	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1242	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1248	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1254	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1260	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1262	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1
PCB-1268	ND		220		ug/Kg	☆	06/01/11 14:00	06/07/11 21:35	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		30 - 150	06/01/11 14:00	06/07/11 21:35	1
DCB Decachlorobiphenyl	105		30 - 150	06/01/11 14:00	06/07/11 21:35	1
Tetrachloro-m-xylene	92		30 - 150	06/01/11 14:00	06/07/11 21:35	1
Tetrachloro-m-xylene	84		30 - 150	06/01/11 14:00	06/07/11 21:35	1

Client Sample ID: EQUIPMENT BLANK-1

Date Collected: 05/24/11 16:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1221	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1232	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1242	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1248	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1254	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1260	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1262	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1
PCB-1268	ND		0.23		ug/L		05/31/11 08:11	06/02/11 09:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		10 - 133	05/31/11 08:11	06/02/11 09:52	1
DCB Decachlorobiphenyl	71		10 - 133	05/31/11 08:11	06/02/11 09:52	1
Tetrachloro-m-xylene	94		36 - 121	05/31/11 08:11	06/02/11 09:52	1
Tetrachloro-m-xylene	81		36 - 121	05/31/11 08:11	06/02/11 09:52	1

Client Sample ID: EQUIPMENT BLANK-2

Date Collected: 05/25/11 17:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1221	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1232	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: EQUIPMENT BLANK-2

Lab Sample ID: 360-34103-22

Date Collected: 05/25/11 17:00

Matrix: Water

Date Received: 05/28/11 11:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1248	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1254	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1260	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1262	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1
PCB-1268	ND		0.23		ug/L		05/31/11 08:11	06/02/11 10:14	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		10 - 133	05/31/11 08:11	06/02/11 10:14	1
DCB Decachlorobiphenyl	64		10 - 133	05/31/11 08:11	06/02/11 10:14	1
Tetrachloro-m-xylene	92		36 - 121	05/31/11 08:11	06/02/11 10:14	1
Tetrachloro-m-xylene	81		36 - 121	05/31/11 08:11	06/02/11 10:14	1

Client Sample ID: EQUIPMENT BLANK-3

Lab Sample ID: 360-34103-23

Date Collected: 05/26/11 17:30

Matrix: Water

Date Received: 05/28/11 11:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1221	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1232	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1242	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1248	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1254	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1260	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1262	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1
PCB-1268	ND		0.23		ug/L		05/31/11 08:11	06/02/11 12:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		10 - 133	05/31/11 08:11	06/02/11 12:24	1
DCB Decachlorobiphenyl	49		10 - 133	05/31/11 08:11	06/02/11 12:24	1
Tetrachloro-m-xylene	92		36 - 121	05/31/11 08:11	06/02/11 12:24	1
Tetrachloro-m-xylene	79		36 - 121	05/31/11 08:11	06/02/11 12:24	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

General Chemistry

Client Sample ID: GB2W-65 (3')

Date Collected: 05/26/11 11:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: DUPLICATE-5

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-66 (6')

Date Collected: 05/26/11 11:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-67 (3')

Date Collected: 05/26/11 11:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-68 (6')

Date Collected: 05/26/11 11:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-69 (3')

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-70 (6')

Date Collected: 05/26/11 12:02

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-71 (3')

Date Collected: 05/26/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

General Chemistry

Client Sample ID: GB2W-72 (6')

Date Collected: 05/26/11 12:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-73 (3')

Date Collected: 05/26/11 12:13

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-74 (6')

Date Collected: 05/26/11 12:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-75 (3')

Date Collected: 05/26/11 12:23

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-76 (6')

Date Collected: 05/26/11 12:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-77 (3')

Date Collected: 05/26/11 12:34

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: GB2W-78 (6')

Date Collected: 05/26/11 12:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-79 (3')

Date Collected: 05/26/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

General Chemistry

Client Sample ID: GB2W-80 (1')

Date Collected: 05/26/11 13:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-81 (1')

Date Collected: 05/26/11 13:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/03/11 14:06	1
Percent Solids	89		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-82 (1')

Date Collected: 05/26/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.5		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-83 (1')

Date Collected: 05/26/11 13:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-20

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

GC Semi VOA

Prep Batch: 74445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74445/1-A	Method Blank	Total/NA	Water	3510C	
LCS 360-74445/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 360-74445/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
360-34103-21	EQUIPMENT BLANK-1	Total/NA	Water	3510C	
360-34103-22	EQUIPMENT BLANK-2	Total/NA	Water	3510C	
360-34103-23	EQUIPMENT BLANK-3	Total/NA	Water	3510C	

Analysis Batch: 74505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74445/1-A	Method Blank	Total/NA	Water	8082	74445
LCS 360-74445/2-A	Lab Control Sample	Total/NA	Water	8082	74445
LCSD 360-74445/3-A	Lab Control Sample Dup	Total/NA	Water	8082	74445
360-34103-21	EQUIPMENT BLANK-1	Total/NA	Water	8082	74445
360-34103-22	EQUIPMENT BLANK-2	Total/NA	Water	8082	74445
360-34103-23	EQUIPMENT BLANK-3	Total/NA	Water	8082	74445

Prep Batch: 74534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74534/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-74534/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-74534/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34103-1	GB2W-65 (3')	Total/NA	Solid	3540C	
360-34103-2	DUPLICATE-5	Total/NA	Solid	3540C	
360-34103-3	GB2W-66 (6')	Total/NA	Solid	3540C	
360-34103-4	GB2W-67 (3')	Total/NA	Solid	3540C	
360-34103-5	GB2W-68 (6')	Total/NA	Solid	3540C	
360-34103-6	GB2W-69 (3')	Total/NA	Solid	3540C	
360-34103-7	GB2W-70 (6')	Total/NA	Solid	3540C	
360-34103-8	GB2W-71 (3')	Total/NA	Solid	3540C	
360-34103-9	GB2W-72 (6')	Total/NA	Solid	3540C	
360-34103-10	GB2W-73 (3')	Total/NA	Solid	3540C	
360-34103-11	GB2W-74 (6')	Total/NA	Solid	3540C	
360-34103-12	GB2W-75 (3')	Total/NA	Solid	3540C	
360-34103-13	GB2W-76 (6')	Total/NA	Solid	3540C	
360-34103-14	GB2W-77 (3')	Total/NA	Solid	3540C	
360-34103-15	GB2W-78 (6')	Total/NA	Solid	3540C	
360-34103-16	GB2W-79 (3')	Total/NA	Solid	3540C	
360-34103-17	GB2W-80 (1')	Total/NA	Solid	3540C	
360-34103-18	GB2W-81 (1')	Total/NA	Solid	3540C	
360-34103-19	GB2W-82 (1')	Total/NA	Solid	3540C	
360-34103-20	GB2W-83 (1')	Total/NA	Solid	3540C	
360-34103-12 MS	GB2W-75 (3')	Total/NA	Solid	3540C	
360-34103-12 MSD	GB2W-75 (3')	Total/NA	Solid	3540C	

Analysis Batch: 74807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74534/1-A	Method Blank	Total/NA	Solid	8082	74534
LCS 360-74534/2-A	Lab Control Sample	Total/NA	Solid	8082	74534
LCSD 360-74534/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	74534
360-34103-1	GB2W-65 (3')	Total/NA	Solid	8082	74534
360-34103-2	DUPLICATE-5	Total/NA	Solid	8082	74534
360-34103-3	GB2W-66 (6')	Total/NA	Solid	8082	74534

TestAmerica Westfield

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

GC Semi VOA (Continued)

Analysis Batch: 74807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34103-4	GB2W-67 (3')	Total/NA	Solid	8082	74534
360-34103-5	GB2W-68 (6')	Total/NA	Solid	8082	74534
360-34103-6	GB2W-69 (3')	Total/NA	Solid	8082	74534
360-34103-7	GB2W-70 (6')	Total/NA	Solid	8082	74534
360-34103-8	GB2W-71 (3')	Total/NA	Solid	8082	74534
360-34103-9	GB2W-72 (6')	Total/NA	Solid	8082	74534
360-34103-10	GB2W-73 (3')	Total/NA	Solid	8082	74534
360-34103-11	GB2W-74 (6')	Total/NA	Solid	8082	74534
360-34103-12	GB2W-75 (3')	Total/NA	Solid	8082	74534
360-34103-13	GB2W-76 (6')	Total/NA	Solid	8082	74534
360-34103-14	GB2W-77 (3')	Total/NA	Solid	8082	74534
360-34103-15	GB2W-78 (6')	Total/NA	Solid	8082	74534
360-34103-16	GB2W-79 (3')	Total/NA	Solid	8082	74534
360-34103-17	GB2W-80 (1')	Total/NA	Solid	8082	74534
360-34103-18	GB2W-81 (1')	Total/NA	Solid	8082	74534
360-34103-19	GB2W-82 (1')	Total/NA	Solid	8082	74534
360-34103-20	GB2W-83 (1')	Total/NA	Solid	8082	74534
360-34103-12 MS	GB2W-75 (3')	Total/NA	Solid	8082	74534
360-34103-12 MSD	GB2W-75 (3')	Total/NA	Solid	8082	74534

General Chemistry

Analysis Batch: 74623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34103-1	GB2W-65 (3')	Total/NA	Solid	Moisture	
360-34103-2	DUPLICATE-5	Total/NA	Solid	Moisture	
360-34103-13	GB2W-76 (6')	Total/NA	Solid	Moisture	
360-34103-15	GB2W-78 (6')	Total/NA	Solid	Moisture	
360-34103-16	GB2W-79 (3')	Total/NA	Solid	Moisture	
360-34103-17	GB2W-80 (1')	Total/NA	Solid	Moisture	
360-34103-18	GB2W-81 (1')	Total/NA	Solid	Moisture	
360-34103-19	GB2W-82 (1')	Total/NA	Solid	Moisture	
360-34103-20	GB2W-83 (1')	Total/NA	Solid	Moisture	

Analysis Batch: 74672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34103-3	GB2W-66 (6')	Total/NA	Solid	Moisture	
360-34103-3 DU	GB2W-66 (6')	Total/NA	Solid	Moisture	
360-34103-4	GB2W-67 (3')	Total/NA	Solid	Moisture	
360-34103-5	GB2W-68 (6')	Total/NA	Solid	Moisture	
360-34103-6	GB2W-69 (3')	Total/NA	Solid	Moisture	
360-34103-7	GB2W-70 (6')	Total/NA	Solid	Moisture	
360-34103-8	GB2W-71 (3')	Total/NA	Solid	Moisture	
360-34103-9	GB2W-72 (6')	Total/NA	Solid	Moisture	
360-34103-10	GB2W-73 (3')	Total/NA	Solid	Moisture	
360-34103-11	GB2W-74 (6')	Total/NA	Solid	Moisture	
360-34103-12	GB2W-75 (3')	Total/NA	Solid	Moisture	
360-34103-14	GB2W-77 (3')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34103-1	GB2W-65 (3')	120	104	90	88
360-34103-2	DUPLICATE-5	111	111	86	90
360-34103-3	GB2W-66 (6')	134	121	105	98
360-34103-4	GB2W-67 (3')	121	113	98	95
360-34103-5	GB2W-68 (6')	134	116	93	87
360-34103-6	GB2W-69 (3')	142	115	111	100
360-34103-7	GB2W-70 (6')	121	116	89	99
360-34103-8	GB2W-71 (3')	131	119	120	103
360-34103-9	GB2W-72 (6')	127	120	96	95
360-34103-10	GB2W-73 (3')	153 X	126	116	98
360-34103-11	GB2W-74 (6')	148	124	105	98
360-34103-12	GB2W-75 (3')	112	121	88	92
360-34103-12 MS	GB2W-75 (3')	140	115	95	89
360-34103-12 MSD	GB2W-75 (3')	139	119	100	95
360-34103-13	GB2W-76 (6')	131	124	101	97
360-34103-14	GB2W-77 (3')	143	122	98	94
360-34103-15	GB2W-78 (6')	137	111	105	100
360-34103-16	GB2W-79 (3')	115	78	82	77
360-34103-17	GB2W-80 (1')	270 X	219 X	193 X	184 X
360-34103-18	GB2W-81 (1')	96	108	78	82
360-34103-19	GB2W-82 (1')	110	106	78	86
360-34103-20	GB2W-83 (1')	109	105	92	84
LCS 360-74534/2-A	Lab Control Sample	124	116	95	90
LCSD 360-74534/3-A	Lab Control Sample Dup	130	128	100	100
MB 360-74534/1-A	Method Blank	118	115	88	90

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (10-133)	DCB2 (10-133)	TCX1 (36-121)	TCX2 (36-121)
360-34103-21	EQUIPMENT BLANK-1	91	71	94	81
360-34103-22	EQUIPMENT BLANK-2	81	64	92	81
360-34103-23	EQUIPMENT BLANK-3	60	49	92	79
LCS 360-74445/2-A	Lab Control Sample	92	76	90	77
LCSD 360-74445/3-A	Lab Control Sample Dup	119	94	114	98
MB 360-74445/1-A	Method Blank	108	89	93	83

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74445/1-A

Matrix: Water

Analysis Batch: 74505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74445

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1221	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1232	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1242	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1248	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1254	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1260	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1262	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1
PCB-1268	ND		0.25		ug/L		05/31/11 08:11	06/02/11 08:47	1

Surrogate	% Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		10 - 133	05/31/11 08:11	06/02/11 08:47	1
DCB Decachlorobiphenyl	89		10 - 133	05/31/11 08:11	06/02/11 08:47	1
Tetrachloro-m-xylene	93		36 - 121	05/31/11 08:11	06/02/11 08:47	1
Tetrachloro-m-xylene	83		36 - 121	05/31/11 08:11	06/02/11 08:47	1

Lab Sample ID: LCS 360-74445/2-A

Matrix: Water

Analysis Batch: 74505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	2.50	2.90		ug/L		116	53 - 134
PCB-1260	2.50	2.67		ug/L		107	50 - 138

Surrogate	% Recovery	LCS LCS Qualifier	Limits
DCB Decachlorobiphenyl	92		10 - 133
DCB Decachlorobiphenyl	76		10 - 133
Tetrachloro-m-xylene	90		36 - 121
Tetrachloro-m-xylene	77		36 - 121

Lab Sample ID: LCSD 360-74445/3-A

Matrix: Water

Analysis Batch: 74505

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	2.50	2.94		ug/L		118	53 - 134	1	20
PCB-1260	2.50	2.82		ug/L		113	50 - 138	5	20

Surrogate	% Recovery	LCSD LCSD Qualifier	Limits
DCB Decachlorobiphenyl	119		10 - 133
DCB Decachlorobiphenyl	94		10 - 133
Tetrachloro-m-xylene	114		36 - 121
Tetrachloro-m-xylene	98		36 - 121

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 360-74534/1-A

Matrix: Solid

Analysis Batch: 74807

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74534

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1221	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1232	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1242	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1248	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1254	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1260	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1262	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1
PCB-1268	ND		100		ug/Kg		06/01/11 14:00	06/07/11 11:47	1

Surrogate	% Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	118		30 - 150	06/01/11 14:00	06/07/11 11:47	1
DCB Decachlorobiphenyl	115		30 - 150	06/01/11 14:00	06/07/11 11:47	1
Tetrachloro-m-xylene	88		30 - 150	06/01/11 14:00	06/07/11 11:47	1
Tetrachloro-m-xylene	90		30 - 150	06/01/11 14:00	06/07/11 11:47	1

Lab Sample ID: LCS 360-74534/2-A

Matrix: Solid

Analysis Batch: 74807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	549		ug/Kg		110	40 - 140
PCB-1260	500	608		ug/Kg		122	40 - 140

Surrogate	% Recovery	LCS LCS Qualifier	Limits
DCB Decachlorobiphenyl	124		30 - 150
DCB Decachlorobiphenyl	116		30 - 150
Tetrachloro-m-xylene	95		30 - 150
Tetrachloro-m-xylene	90		30 - 150

Lab Sample ID: LCSD 360-74534/3-A

Matrix: Solid

Analysis Batch: 74807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74534

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
PCB-1016	500	576		ug/Kg		115	40 - 140	5	30
PCB-1260	500	669		ug/Kg		134	40 - 140	10	30

Surrogate	% Recovery	LCSD LCSD Qualifier	Limits
DCB Decachlorobiphenyl	130		30 - 150
DCB Decachlorobiphenyl	128		30 - 150
Tetrachloro-m-xylene	100		30 - 150
Tetrachloro-m-xylene	100		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34103-12 MS

Matrix: Solid

Analysis Batch: 74807

Client Sample ID: GB2W-75 (3')

Prep Type: Total/NA

Prep Batch: 74534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	ND		478	538		ug/Kg	☼	113	40 - 140
PCB-1260	ND		478	640		ug/Kg	☼	134	40 - 140
Surrogate	MS % Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	140		30 - 150						
DCB Decachlorobiphenyl	115		30 - 150						
Tetrachloro-m-xylene	95		30 - 150						
Tetrachloro-m-xylene	89		30 - 150						

Lab Sample ID: 360-34103-12 MSD

Matrix: Solid

Analysis Batch: 74807

Client Sample ID: GB2W-75 (3')

Prep Type: Total/NA

Prep Batch: 74534

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		485	597		ug/Kg	☼	123	40 - 140	10	50
PCB-1260	ND		485	696	F	ug/Kg	☼	144	40 - 140	8	50
Surrogate	MSD % Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	139		30 - 150								
DCB Decachlorobiphenyl	119		30 - 150								
Tetrachloro-m-xylene	100		30 - 150								
Tetrachloro-m-xylene	95		30 - 150								

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34103-3 DU

Matrix: Solid

Analysis Batch: 74672

Client Sample ID: GB2W-66 (6')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	0.00		0.00		%		NC	20
Percent Solids	100		100		%		0	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-65 (3')

Date Collected: 05/26/11 11:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-1

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 13:01	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: DUPLICATE-5

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-2

Matrix: Solid

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 13:25	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-66 (6')

Date Collected: 05/26/11 11:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-3

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 13:50	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-67 (3')

Date Collected: 05/26/11 11:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-4

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 14:14	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-68 (6')

Date Collected: 05/26/11 11:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-5

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 14:39	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-69 (3')

Date Collected: 05/26/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-6

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 15:03	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-70 (6')

Date Collected: 05/26/11 12:02

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-7

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 15:28	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-71 (3')

Date Collected: 05/26/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-8

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 15:52	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-72 (6')

Date Collected: 05/26/11 12:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-9

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 16:17	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-73 (3')

Date Collected: 05/26/11 12:13

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-10

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 16:41	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-74 (6')

Lab Sample ID: 360-34103-11

Date Collected: 05/26/11 12:20

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 17:55	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-75 (3')

Lab Sample ID: 360-34103-12

Date Collected: 05/26/11 12:23

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 18:19	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-76 (6')

Lab Sample ID: 360-34103-13

Date Collected: 05/26/11 12:30

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 18:44	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-77 (3')

Lab Sample ID: 360-34103-14

Date Collected: 05/26/11 12:34

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 19:08	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: GB2W-78 (6')

Lab Sample ID: 360-34103-15

Date Collected: 05/26/11 12:35

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 19:33	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: GB2W-79 (3')

Date Collected: 05/26/11 12:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-16

Matrix: Solid

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 19:57	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-80 (1')

Date Collected: 05/26/11 13:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-17

Matrix: Solid

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 20:22	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-81 (1')

Date Collected: 05/26/11 13:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-18

Matrix: Solid

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 20:46	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-82 (1')

Date Collected: 05/26/11 13:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-19

Matrix: Solid

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 21:11	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-83 (1')

Date Collected: 05/26/11 13:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34103-20

Matrix: Solid

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74534	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74807	06/07/11 21:35	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Client Sample ID: EQUIPMENT BLANK-1

Lab Sample ID: 360-34103-21

Date Collected: 05/24/11 16:50

Matrix: Water

Date Received: 05/28/11 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74445	05/31/11 08:11	OG	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 09:52	BRB	TAL WFD

Client Sample ID: EQUIPMENT BLANK-2

Lab Sample ID: 360-34103-22

Date Collected: 05/25/11 17:00

Matrix: Water

Date Received: 05/28/11 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74445	05/31/11 08:11	OG	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 10:14	BRB	TAL WFD

Client Sample ID: EQUIPMENT BLANK-3

Lab Sample ID: 360-34103-23

Date Collected: 05/26/11 17:30

Matrix: Water

Date Received: 05/28/11 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74445	05/31/11 08:11	OG	TAL WFD
Total/NA	Analysis	8082		1	74505	06/02/11 12:24	BRB	TAL WFD

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34103-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34103-1

Login Number: 34103

List Source: TestAmerica Westfield

List Number: 1

Creator: Stewart, Alyse M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client Information Client Contact: <u>SHAWN DANDANIAN</u> Phone: <u>602-922-3447</u> E-Mail: <u>BECKY MASON</u>		Lab PW: <u>BECKY MASON</u> E-Mail: <u>BECKY MASON</u>		Carrier Tracking No(s): <u>015167</u> Page: <u>4 of 8</u>		COC No: <u>015167</u>			
Company: <u>SHAWN DANDANIAN</u> Address: <u>1515 N 1st St</u> City: <u>Phoenix</u> State, Zip: <u>AZ 85004</u> Phone: <u>602-922-3447</u> Email: <u>shawn@dandanian.com</u> Project Name/number: <u>1515 N 1st St</u> Site: <u>1515 N 1st St</u>				Job #: <u> </u> Analysis Requested: <u> </u> Due Date Requested: <u> </u> TAT Requested (days): <u> </u> Quote #: <u> </u> PO #: <u> </u> WO #: <u> </u> SSOW#: <u> </u>				Preservation Codes: J - DI Water A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH H - Ascorbic Acid I - Ice S - H2SO4 Z - other (specify) <u> </u>	
Regulatory programs: MCP ☐ GW1/S1 ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐				Special Instructions/Note: <u> </u>					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, A=air)	Analysis Requested			Field Filtered Sample?	Perform MSMSD?	Total Number of containers
					Sampler's Initials	Analysis Requested	Analysis Requested			
GB2W-65 (3')	5/26/11	1115	G	S	X	X	X	X	X	1
DUPLICATE - 5		1200			X	X	X	X	X	1
GB2W-66 (6')		1120			X	X	X	X	X	1
GB2W-67 (3')		1125			X	X	X	X	X	1
GB2W-68 (6')		1155			X	X	X	X	X	1
GB2W-69 (3')		1200			X	X	X	X	X	1
GB2W-70 (6')		1202			X	X	X	X	X	1
GB2W-71 (3')		1205			X	X	X	X	X	1
GB2W-72 (6')		1210			X	X	X	X	X	1
GB2W-73 (3')		1213			X	X	X	X	X	1

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify) <u> </u>				Special Instructions/QC Requirements: <u> </u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1640</u> Company: <u>WSE</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/27/11 1640</u> Company: <u>TA</u>		Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>		Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	
Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company: <u>TA</u>		Received by: <u>Becky Mason</u> Date/Time: <u>5/28/11 1100</u> Company: <u>TA</u>	

Relinquished by: <u>Shawn Dandanian</u> Date/Time: <u>5/27/11 1740</u> Company:	
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[illegible]

[illegible]

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34104-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/11/2011 11:13:17 AM

Joe Chimi

Report Production Representative

joe.chimi@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

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results through

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Visit us at:

www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Job ID: 360-34104-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/28/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.4, 4.0, 3.2, 0.4, 4.0, 1.4 and 3.6 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GB2W-84 (1') (360-34104-1), GB2W-85 (2') (360-34104-2), DUPLICATE-6 (360-34104-3), GB1-86 (360-34104-4), GB1-87 (360-34104-5), GB1-88 (360-34104-6), GB1-89 (360-34104-7), GB1-90 (360-34104-8), GB1-91 (360-34104-9), GB1-92 (360-34104-10), GB1-93 (360-34104-11), GB1-94 (360-34104-12), GB1-95 (360-34104-13), GB1-96 (360-34104-14), CB1-97 (360-34104-15), CB1-98 (360-34104-16), CB1-99 (360-34104-17), CB1-100 (360-34104-18), DUPLICATE-7 (360-34104-19), CB1-101 (360-34104-20), CB1-102 (360-34104-21), CBG-103 (360-34104-22), CBG-104 (360-34104-23), CBG-105 (360-34104-24), CBG-106 (360-34104-25), CBG-107 (360-34104-26) and CBG-108 (360-34104-27) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 06/01/2011 and analyzed on 06/03/2011, 06/07/2011 and 06/08/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for CB1-97 (360-34104-15), CB1-99 (360-34104-17), CB1-100 (360-34104-18), DUPLICATE-7 (360-34104-19), CB1-102 (360-34104-21), CB1-99 (360-34104-17MS) and CB1-99 (360-34104-17MSD). DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria high for CB1-98 (360-34104-16). Samples CB1-102 (360-34104-21), CB1-99 (360-34104-17MS) and CB1-99 (360-34104-17MSD) showed evidence of matrix interference. No target analytes were detected in samples CB1-97 (360-34104-15), CB1-99 (360-34104-17), CB1-100 (360-34104-18) and DUPLICATE-7 (360-34104-19). Results would be biased high. Refer to the QC report for details.

PCB-1260 failed the recovery criteria high for the MSD of sample CB1-99 (360-34104-17) in batch 360-74877. The associated LCS and LCSD recovered within control limits. Refer to the QC report for details.

For batch 74674, PCB-1260 failed the criteria high for the opening continuing calibration verification (CCV) (primary column only). DCB Decachlorobiphenyl failed the criteria low for the closing CCV (secondary column only). For batch 74877, PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the opening CCV (primary column only). PCB-1016 (primary column only), PCB-1260, DCB Decachlorobiphenyl and Tetrachloro-m-xylene (primary and secondary columns) failed the criteria high for the closing CCV. PCB-1016 and PCB-1260 were not detected in the associated samples. Results would be biased high.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB2W-84 (1') (360-34104-1), GB2W-85 (2') (360-34104-2), DUPLICATE-6 (360-34104-3), GB1-86 (360-34104-4), GB1-87 (360-34104-5), GB1-88 (360-34104-6), GB1-89 (360-34104-7), GB1-90 (360-34104-8), GB1-91 (360-34104-9), GB1-92 (360-34104-10), GB1-93 (360-34104-11), GB1-94 (360-34104-12), GB1-95 (360-34104-13), GB1-96 (360-34104-14), CB1-97 (360-34104-15), CB1-98 (360-34104-16), CB1-99 (360-34104-17), CB1-100 (360-34104-18), DUPLICATE-7 (360-34104-19), CB1-101 (360-34104-20), CB1-102 (360-34104-21), CBG-103 (360-34104-22), CBG-104 (360-34104-23), CBG-105 (360-34104-24), CBG-106 (360-34104-25), CBG-107 (360-34104-26) and CBG-108 (360-34104-27) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/03/2011.

No difficulties were encountered during the % solids analyses.

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Job ID: 360-34104-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: GB2W-84 (1')

Lab Sample ID: 360-34104-1

No Detections.

Client Sample ID: GB2W-85 (2')

Lab Sample ID: 360-34104-2

No Detections.

Client Sample ID: DUPLICATE-6

Lab Sample ID: 360-34104-3

No Detections.

Client Sample ID: GB1-86

Lab Sample ID: 360-34104-4

No Detections.

Client Sample ID: GB1-87

Lab Sample ID: 360-34104-5

No Detections.

Client Sample ID: GB1-88

Lab Sample ID: 360-34104-6

No Detections.

Client Sample ID: GB1-89

Lab Sample ID: 360-34104-7

No Detections.

Client Sample ID: GB1-90

Lab Sample ID: 360-34104-8

No Detections.

Client Sample ID: GB1-91

Lab Sample ID: 360-34104-9

No Detections.

Client Sample ID: GB1-92

Lab Sample ID: 360-34104-10

No Detections.

Client Sample ID: GB1-93

Lab Sample ID: 360-34104-11

No Detections.

Client Sample ID: GB1-94

Lab Sample ID: 360-34104-12

No Detections.

Client Sample ID: GB1-95

Lab Sample ID: 360-34104-13

No Detections.

Client Sample ID: GB1-96

Lab Sample ID: 360-34104-14

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: CB1-97

Lab Sample ID: 360-34104-15

No Detections.

Client Sample ID: CB1-98

Lab Sample ID: 360-34104-16

No Detections.

Client Sample ID: CB1-99

Lab Sample ID: 360-34104-17

No Detections.

Client Sample ID: CB1-100

Lab Sample ID: 360-34104-18

No Detections.

Client Sample ID: DUPLICATE-7

Lab Sample ID: 360-34104-19

No Detections.

Client Sample ID: CB1-101

Lab Sample ID: 360-34104-20

No Detections.

Client Sample ID: CB1-102

Lab Sample ID: 360-34104-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	1000		95		ug/Kg	1	☼	8082	Total/NA

Client Sample ID: CBG-103

Lab Sample ID: 360-34104-22

No Detections.

Client Sample ID: CBG-104

Lab Sample ID: 360-34104-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	760		98		ug/Kg	1	☼	8082	Total/NA

Client Sample ID: CBG-105

Lab Sample ID: 360-34104-24

No Detections.

Client Sample ID: CBG-106

Lab Sample ID: 360-34104-25

No Detections.

Client Sample ID: CBG-107

Lab Sample ID: 360-34104-26

No Detections.

Client Sample ID: CBG-108

Lab Sample ID: 360-34104-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	160		98		ug/Kg	1	☼	8082	Total/NA

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34104-1	GB2W-84 (1')	Solid	05/26/11 13:45	05/28/11 11:10
360-34104-2	GB2W-85 (2')	Solid	05/26/11 13:50	05/28/11 11:10
360-34104-3	DUPLICATE-6	Solid	05/26/11 17:00	05/28/11 11:10
360-34104-4	GB1-86	Solid	05/26/11 15:10	05/28/11 11:10
360-34104-5	GB1-87	Solid	05/26/11 15:15	05/28/11 11:10
360-34104-6	GB1-88	Solid	05/26/11 15:20	05/28/11 11:10
360-34104-7	GB1-89	Solid	05/26/11 15:30	05/28/11 11:10
360-34104-8	GB1-90	Solid	05/26/11 15:40	05/28/11 11:10
360-34104-9	GB1-91	Solid	05/26/11 15:50	05/28/11 11:10
360-34104-10	GB1-92	Solid	05/26/11 16:00	05/28/11 11:10
360-34104-11	GB1-93	Solid	05/26/11 16:10	05/28/11 11:10
360-34104-12	GB1-94	Solid	05/26/11 16:20	05/28/11 11:10
360-34104-13	GB1-95	Solid	05/26/11 16:30	05/28/11 11:10
360-34104-14	GB1-96	Solid	05/26/11 16:40	05/28/11 11:10
360-34104-15	CB1-97	Solid	05/27/11 11:50	05/28/11 11:10
360-34104-16	CB1-98	Solid	05/27/11 12:05	05/28/11 11:10
360-34104-17	CB1-99	Solid	05/27/11 12:15	05/28/11 11:10
360-34104-18	CB1-100	Solid	05/27/11 12:30	05/28/11 11:10
360-34104-19	DUPLICATE-7	Solid	05/27/11 12:00	05/28/11 11:10
360-34104-20	CB1-101	Solid	05/27/11 12:45	05/28/11 11:10
360-34104-21	CB1-102	Solid	05/27/11 13:05	05/28/11 11:10
360-34104-22	CBG-103	Solid	05/27/11 14:25	05/28/11 11:10
360-34104-23	CBG-104	Solid	05/27/11 14:35	05/28/11 11:10
360-34104-24	CBG-105	Solid	05/27/11 14:45	05/28/11 11:10
360-34104-25	CBG-106	Solid	05/27/11 14:55	05/28/11 11:10
360-34104-26	CBG-107	Solid	05/27/11 15:00	05/28/11 11:10
360-34104-27	CBG-108	Solid	05/27/11 15:10	05/28/11 11:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB2W-84 (1')

Date Collected: 05/26/11 13:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-1

Matrix: Solid

Percent Solids: 89.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1221	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1232	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1242	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1248	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1254	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1260	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1262	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
PCB-1268	ND		200		ug/Kg	☼	06/01/11 14:00	06/07/11 16:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		30 - 150				06/01/11 14:00	06/07/11 16:14	1
DCB Decachlorobiphenyl	64		30 - 150				06/01/11 14:00	06/07/11 16:14	1
Tetrachloro-m-xylene	87		30 - 150				06/01/11 14:00	06/07/11 16:14	1
Tetrachloro-m-xylene	88		30 - 150				06/01/11 14:00	06/07/11 16:14	1

Client Sample ID: GB2W-85 (2')

Date Collected: 05/26/11 13:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-2

Matrix: Solid

Percent Solids: 88.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1221	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1232	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1242	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1248	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1254	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1260	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1262	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
PCB-1268	ND		180		ug/Kg	☼	06/01/11 14:00	06/07/11 16:35	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		30 - 150				06/01/11 14:00	06/07/11 16:35	1
DCB Decachlorobiphenyl	76		30 - 150				06/01/11 14:00	06/07/11 16:35	1
Tetrachloro-m-xylene	67		30 - 150				06/01/11 14:00	06/07/11 16:35	1
Tetrachloro-m-xylene	60		30 - 150				06/01/11 14:00	06/07/11 16:35	1

Client Sample ID: DUPLICATE-6

Date Collected: 05/26/11 17:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-3

Matrix: Solid

Percent Solids: 88.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1221	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1232	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1242	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1248	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1254	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1260	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1262	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
PCB-1268	ND		210		ug/Kg	☼	06/01/11 14:00	06/07/11 16:56	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		30 - 150				06/01/11 14:00	06/07/11 16:56	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: DUPLICATE-6

Date Collected: 05/26/11 17:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-3

Matrix: Solid

Percent Solids: 88.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		30 - 150	06/01/11 14:00	06/07/11 16:56	1
Tetrachloro-m-xylene	65		30 - 150	06/01/11 14:00	06/07/11 16:56	1
Tetrachloro-m-xylene	61		30 - 150	06/01/11 14:00	06/07/11 16:56	1

Client Sample ID: GB1-86

Date Collected: 05/26/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-4

Matrix: Solid

Percent Solids: 83.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1221	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1232	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1242	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1248	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1254	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1260	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1262	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1
PCB-1268	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:17	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150	06/01/11 14:00	06/07/11 17:17	1
DCB Decachlorobiphenyl	70		30 - 150	06/01/11 14:00	06/07/11 17:17	1
Tetrachloro-m-xylene	76		30 - 150	06/01/11 14:00	06/07/11 17:17	1
Tetrachloro-m-xylene	81		30 - 150	06/01/11 14:00	06/07/11 17:17	1

Client Sample ID: GB1-87

Date Collected: 05/26/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-5

Matrix: Solid

Percent Solids: 85.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1221	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1232	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1242	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1248	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1254	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1260	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1262	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1
PCB-1268	ND		160		ug/Kg	✱	06/01/11 14:00	06/07/11 17:38	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		30 - 150	06/01/11 14:00	06/07/11 17:38	1
DCB Decachlorobiphenyl	66		30 - 150	06/01/11 14:00	06/07/11 17:38	1
Tetrachloro-m-xylene	75		30 - 150	06/01/11 14:00	06/07/11 17:38	1
Tetrachloro-m-xylene	82		30 - 150	06/01/11 14:00	06/07/11 17:38	1

Client Sample ID: GB1-88

Date Collected: 05/26/11 15:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-6

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:59	1
PCB-1221	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:59	1
PCB-1232	ND		150		ug/Kg	✱	06/01/11 14:00	06/07/11 17:59	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-88

Date Collected: 05/26/11 15:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-6

Matrix: Solid

Percent Solids: 84.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1
PCB-1248	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1
PCB-1254	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1
PCB-1260	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1
PCB-1262	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1
PCB-1268	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 17:59	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		30 - 150	06/01/11 14:00	06/07/11 17:59	1
DCB Decachlorobiphenyl	51	p	30 - 150	06/01/11 14:00	06/07/11 17:59	1
Tetrachloro-m-xylene	45		30 - 150	06/01/11 14:00	06/07/11 17:59	1
Tetrachloro-m-xylene	56		30 - 150	06/01/11 14:00	06/07/11 17:59	1

Client Sample ID: GB1-89

Date Collected: 05/26/11 15:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-7

Matrix: Solid

Percent Solids: 84.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1221	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1232	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1242	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1248	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1254	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1260	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1262	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1
PCB-1268	ND		120		ug/Kg	☼	06/01/11 14:00	06/07/11 18:20	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		30 - 150	06/01/11 14:00	06/07/11 18:20	1
DCB Decachlorobiphenyl	53		30 - 150	06/01/11 14:00	06/07/11 18:20	1
Tetrachloro-m-xylene	64		30 - 150	06/01/11 14:00	06/07/11 18:20	1
Tetrachloro-m-xylene	54		30 - 150	06/01/11 14:00	06/07/11 18:20	1

Client Sample ID: GB1-90

Date Collected: 05/26/11 15:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-8

Matrix: Solid

Percent Solids: 85.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1221	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1232	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1242	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1248	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1254	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1260	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1262	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1
PCB-1268	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 18:41	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		30 - 150	06/01/11 14:00	06/07/11 18:41	1
DCB Decachlorobiphenyl	57		30 - 150	06/01/11 14:00	06/07/11 18:41	1
Tetrachloro-m-xylene	65		30 - 150	06/01/11 14:00	06/07/11 18:41	1
Tetrachloro-m-xylene	73		30 - 150	06/01/11 14:00	06/07/11 18:41	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB1-91

Date Collected: 05/26/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-9

Matrix: Solid

Percent Solids: 84.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1221	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1232	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1242	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1248	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1254	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1260	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1262	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
PCB-1268	ND		160		ug/Kg	☼	06/01/11 14:00	06/07/11 19:02	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		30 - 150				06/01/11 14:00	06/07/11 19:02	1
DCB Decachlorobiphenyl	53		30 - 150				06/01/11 14:00	06/07/11 19:02	1
Tetrachloro-m-xylene	53		30 - 150				06/01/11 14:00	06/07/11 19:02	1
Tetrachloro-m-xylene	57		30 - 150				06/01/11 14:00	06/07/11 19:02	1

Client Sample ID: GB1-92

Date Collected: 05/26/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-10

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1221	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1232	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1242	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1248	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1254	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1260	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1262	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
PCB-1268	ND		150		ug/Kg	☼	06/01/11 14:00	06/07/11 19:24	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150				06/01/11 14:00	06/07/11 19:24	1
DCB Decachlorobiphenyl	82		30 - 150				06/01/11 14:00	06/07/11 19:24	1
Tetrachloro-m-xylene	102		30 - 150				06/01/11 14:00	06/07/11 19:24	1
Tetrachloro-m-xylene	112		30 - 150				06/01/11 14:00	06/07/11 19:24	1

Client Sample ID: GB1-93

Date Collected: 05/26/11 16:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-11

Matrix: Solid

Percent Solids: 86.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1221	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1232	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1242	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1248	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1254	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1260	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1262	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
PCB-1268	ND		120		ug/Kg	☼	06/01/11 14:00	06/08/11 10:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		30 - 150				06/01/11 14:00	06/08/11 10:14	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-93

Date Collected: 05/26/11 16:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-11

Matrix: Solid

Percent Solids: 86.8

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		30 - 150	06/01/11 14:00	06/08/11 10:14	1
Tetrachloro-m-xylene	82		30 - 150	06/01/11 14:00	06/08/11 10:14	1
Tetrachloro-m-xylene	85		30 - 150	06/01/11 14:00	06/08/11 10:14	1

Client Sample ID: GB1-94

Date Collected: 05/26/11 16:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-12

Matrix: Solid

Percent Solids: 86.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1221	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1232	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1242	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1248	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1254	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1260	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1262	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1
PCB-1268	ND		150		ug/Kg	✱	06/01/11 14:00	06/08/11 10:38	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		30 - 150	06/01/11 14:00	06/08/11 10:38	1
DCB Decachlorobiphenyl	100		30 - 150	06/01/11 14:00	06/08/11 10:38	1
Tetrachloro-m-xylene	78		30 - 150	06/01/11 14:00	06/08/11 10:38	1
Tetrachloro-m-xylene	76		30 - 150	06/01/11 14:00	06/08/11 10:38	1

Client Sample ID: GB1-95

Date Collected: 05/26/11 16:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-13

Matrix: Solid

Percent Solids: 85.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1221	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1232	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1242	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1248	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1254	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1260	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1262	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1
PCB-1268	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	119		30 - 150	06/01/11 14:00	06/08/11 11:02	1
DCB Decachlorobiphenyl	99		30 - 150	06/01/11 14:00	06/08/11 11:02	1
Tetrachloro-m-xylene	84		30 - 150	06/01/11 14:00	06/08/11 11:02	1
Tetrachloro-m-xylene	81		30 - 150	06/01/11 14:00	06/08/11 11:02	1

Client Sample ID: GB1-96

Date Collected: 05/26/11 16:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-14

Matrix: Solid

Percent Solids: 85.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:27	1
PCB-1221	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:27	1
PCB-1232	ND		160		ug/Kg	✱	06/01/11 14:00	06/08/11 11:27	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-96

Date Collected: 05/26/11 16:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-14

Matrix: Solid

Percent Solids: 85.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1
PCB-1248	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1
PCB-1254	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1
PCB-1260	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1
PCB-1262	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1
PCB-1268	ND		160		ug/Kg	☼	06/01/11 14:00	06/08/11 11:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		30 - 150	06/01/11 14:00	06/08/11 11:27	1
DCB Decachlorobiphenyl	62		30 - 150	06/01/11 14:00	06/08/11 11:27	1
Tetrachloro-m-xylene	38 p		30 - 150	06/01/11 14:00	06/08/11 11:27	1
Tetrachloro-m-xylene	133		30 - 150	06/01/11 14:00	06/08/11 11:27	1

Client Sample ID: CB1-97

Date Collected: 05/27/11 11:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-15

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1221	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1232	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1242	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1248	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1254	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1260	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1262	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1
PCB-1268	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 11:51	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	203	X	30 - 150	06/01/11 14:00	06/08/11 11:51	1
DCB Decachlorobiphenyl	187	X	30 - 150	06/01/11 14:00	06/08/11 11:51	1
Tetrachloro-m-xylene	115		30 - 150	06/01/11 14:00	06/08/11 11:51	1
Tetrachloro-m-xylene	121		30 - 150	06/01/11 14:00	06/08/11 11:51	1

Client Sample ID: CB1-98

Date Collected: 05/27/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-16

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1221	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1232	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1242	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1248	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1254	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1260	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1262	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1
PCB-1268	ND		190		ug/Kg	☼	06/01/11 14:00	06/08/11 12:16	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	278	X	30 - 150	06/01/11 14:00	06/08/11 12:16	1
DCB Decachlorobiphenyl	251	X	30 - 150	06/01/11 14:00	06/08/11 12:16	1
Tetrachloro-m-xylene	195	X	30 - 150	06/01/11 14:00	06/08/11 12:16	1
Tetrachloro-m-xylene	175	X	30 - 150	06/01/11 14:00	06/08/11 12:16	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: CB1-99

Date Collected: 05/27/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-17

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1221	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1232	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1242	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1248	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1254	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1260	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1262	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
PCB-1268	ND		92		ug/Kg	✱	06/01/11 14:00	06/08/11 12:40	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	175	X	30 - 150				06/01/11 14:00	06/08/11 12:40	1
DCB Decachlorobiphenyl	192	X	30 - 150				06/01/11 14:00	06/08/11 12:40	1
Tetrachloro-m-xylene	129		30 - 150				06/01/11 14:00	06/08/11 12:40	1
Tetrachloro-m-xylene	135		30 - 150				06/01/11 14:00	06/08/11 12:40	1

Client Sample ID: CB1-100

Date Collected: 05/27/11 12:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-18

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1221	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1232	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1242	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1248	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1254	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1260	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1262	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
PCB-1268	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:05	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114	p	30 - 150				06/01/11 14:00	06/08/11 13:05	1
DCB Decachlorobiphenyl	249	X	30 - 150				06/01/11 14:00	06/08/11 13:05	1
Tetrachloro-m-xylene	116		30 - 150				06/01/11 14:00	06/08/11 13:05	1
Tetrachloro-m-xylene	111		30 - 150				06/01/11 14:00	06/08/11 13:05	1

Client Sample ID: DUPLICATE-7

Date Collected: 05/27/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-19

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1221	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1232	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1242	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1248	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1254	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1260	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1262	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
PCB-1268	ND		94		ug/Kg	✱	06/01/11 14:00	06/08/11 13:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	126	p	30 - 150				06/01/11 14:00	06/08/11 13:29	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: DUPLICATE-7

Date Collected: 05/27/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-19

Matrix: Solid

Percent Solids: 100.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	217	X	30 - 150	06/01/11 14:00	06/08/11 13:29	1
Tetrachloro-m-xylene	117		30 - 150	06/01/11 14:00	06/08/11 13:29	1
Tetrachloro-m-xylene	113		30 - 150	06/01/11 14:00	06/08/11 13:29	1

Client Sample ID: CB1-101

Date Collected: 05/27/11 12:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-20

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1221	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1232	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1242	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1248	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1254	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1260	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1262	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1
PCB-1268	ND		93		ug/Kg	✱	06/01/11 14:00	06/08/11 13:54	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	135		30 - 150	06/01/11 14:00	06/08/11 13:54	1
DCB Decachlorobiphenyl	136		30 - 150	06/01/11 14:00	06/08/11 13:54	1
Tetrachloro-m-xylene	113		30 - 150	06/01/11 14:00	06/08/11 13:54	1
Tetrachloro-m-xylene	111		30 - 150	06/01/11 14:00	06/08/11 13:54	1

Client Sample ID: CB1-102

Date Collected: 05/27/11 13:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-21

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1221	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1232	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1242	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1248	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1254	1000		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1260	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1262	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1
PCB-1268	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 18:13	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	179	X	30 - 150	06/01/11 14:00	06/03/11 18:13	1
DCB Decachlorobiphenyl	144		30 - 150	06/01/11 14:00	06/03/11 18:13	1
Tetrachloro-m-xylene	95		30 - 150	06/01/11 14:00	06/03/11 18:13	1
Tetrachloro-m-xylene	86		30 - 150	06/01/11 14:00	06/03/11 18:13	1

Client Sample ID: CBG-103

Date Collected: 05/27/11 14:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-22

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1221	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1232	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CBG-103

Date Collected: 05/27/11 14:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-22

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1248	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1254	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1260	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1262	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1
PCB-1268	ND		92		ug/Kg	✱	06/01/11 14:00	06/03/11 18:35	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		30 - 150	06/01/11 14:00	06/03/11 18:35	1
DCB Decachlorobiphenyl	77		30 - 150	06/01/11 14:00	06/03/11 18:35	1
Tetrachloro-m-xylene	88		30 - 150	06/01/11 14:00	06/03/11 18:35	1
Tetrachloro-m-xylene	77		30 - 150	06/01/11 14:00	06/03/11 18:35	1

Client Sample ID: CBG-104

Date Collected: 05/27/11 14:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-23

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1221	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1232	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1242	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1248	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1254	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1260	760		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1262	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1
PCB-1268	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 18:56	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	118		30 - 150	06/01/11 14:00	06/03/11 18:56	1
DCB Decachlorobiphenyl	98		30 - 150	06/01/11 14:00	06/03/11 18:56	1
Tetrachloro-m-xylene	93		30 - 150	06/01/11 14:00	06/03/11 18:56	1
Tetrachloro-m-xylene	83		30 - 150	06/01/11 14:00	06/03/11 18:56	1

Client Sample ID: CBG-105

Date Collected: 05/27/11 14:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-24

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1221	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1232	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1242	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1248	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1254	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1260	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1262	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1
PCB-1268	ND		96		ug/Kg	✱	06/01/11 14:00	06/03/11 19:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	125		30 - 150	06/01/11 14:00	06/03/11 19:18	1
DCB Decachlorobiphenyl	113		30 - 150	06/01/11 14:00	06/03/11 19:18	1
Tetrachloro-m-xylene	103		30 - 150	06/01/11 14:00	06/03/11 19:18	1
Tetrachloro-m-xylene	85		30 - 150	06/01/11 14:00	06/03/11 19:18	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: CBG-106

Date Collected: 05/27/11 14:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-25

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1221	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1232	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1242	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1248	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1254	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1260	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1262	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
PCB-1268	ND		94		ug/Kg	✱	06/01/11 14:00	06/03/11 19:40	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150				06/01/11 14:00	06/03/11 19:40	1
DCB Decachlorobiphenyl	88		30 - 150				06/01/11 14:00	06/03/11 19:40	1
Tetrachloro-m-xylene	90		30 - 150				06/01/11 14:00	06/03/11 19:40	1
Tetrachloro-m-xylene	73		30 - 150				06/01/11 14:00	06/03/11 19:40	1

Client Sample ID: CBG-107

Date Collected: 05/27/11 15:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-26

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1221	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1232	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1242	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1248	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1254	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1260	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1262	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
PCB-1268	ND		95		ug/Kg	✱	06/01/11 14:00	06/03/11 20:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		30 - 150				06/01/11 14:00	06/03/11 20:01	1
DCB Decachlorobiphenyl	90		30 - 150				06/01/11 14:00	06/03/11 20:01	1
Tetrachloro-m-xylene	81		30 - 150				06/01/11 14:00	06/03/11 20:01	1
Tetrachloro-m-xylene	70		30 - 150				06/01/11 14:00	06/03/11 20:01	1

Client Sample ID: CBG-108

Date Collected: 05/27/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-27

Matrix: Solid

Percent Solids: 100.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1221	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1232	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1242	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1248	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1254	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1260	160		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1262	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
PCB-1268	ND		98		ug/Kg	✱	06/01/11 14:00	06/03/11 20:23	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		30 - 150				06/01/11 14:00	06/03/11 20:23	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: CBG-108
Date Collected: 05/27/11 15:10
Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-27
Matrix: Solid
Percent Solids: 100.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150	06/01/11 14:00	06/03/11 20:23	1
Tetrachloro-m-xylene	85		30 - 150	06/01/11 14:00	06/03/11 20:23	1
Tetrachloro-m-xylene	72		30 - 150	06/01/11 14:00	06/03/11 20:23	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

General Chemistry

Client Sample ID: GB2W-84 (1')

Date Collected: 05/26/11 13:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/03/11 14:06	1
Percent Solids	90		1.0		%			06/03/11 14:06	1

Client Sample ID: GB2W-85 (2')

Date Collected: 05/26/11 13:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: DUPLICATE-6

Date Collected: 05/26/11 17:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-86

Date Collected: 05/26/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/03/11 14:06	1
Percent Solids	84		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-87

Date Collected: 05/26/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-88

Date Collected: 05/26/11 15:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/03/11 14:06	1
Percent Solids	84		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-89

Date Collected: 05/26/11 15:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/03/11 14:06	1
Percent Solids	84		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-90

Date Collected: 05/26/11 15:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/03/11 14:06	1
Percent Solids	85		1.0		%			06/03/11 14:06	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

General Chemistry

Client Sample ID: GB1-91

Date Collected: 05/26/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/03/11 14:06	1
Percent Solids	85		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-92

Date Collected: 05/26/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/03/11 14:06	1
Percent Solids	88		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-93

Date Collected: 05/26/11 16:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/03/11 14:06	1
Percent Solids	87		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-94

Date Collected: 05/26/11 16:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/03/11 14:06	1
Percent Solids	87		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-95

Date Collected: 05/26/11 16:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

Client Sample ID: GB1-96

Date Collected: 05/26/11 16:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/03/11 14:06	1
Percent Solids	86		1.0		%			06/03/11 14:06	1

Client Sample ID: CB1-97

Date Collected: 05/27/11 11:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CB1-98

Date Collected: 05/27/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

General Chemistry

Client Sample ID: CB1-99

Date Collected: 05/27/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CB1-100

Date Collected: 05/27/11 12:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: DUPLICATE-7

Date Collected: 05/27/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CB1-101

Date Collected: 05/27/11 12:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-20

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CB1-102

Date Collected: 05/27/11 13:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-21

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CBG-103

Date Collected: 05/27/11 14:25

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-22

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:18	1
Percent Solids	100		1.0		%			06/03/11 15:18	1

Client Sample ID: CBG-104

Date Collected: 05/27/11 14:35

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-23

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:20	1
Percent Solids	100		1.0		%			06/03/11 15:20	1

Client Sample ID: CBG-105

Date Collected: 05/27/11 14:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-24

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:20	1
Percent Solids	100		1.0		%			06/03/11 15:20	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

General Chemistry

Client Sample ID: CBG-106

Date Collected: 05/27/11 14:55

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-25

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:20	1
Percent Solids	100		1.0		%			06/03/11 15:20	1

Client Sample ID: CBG-107

Date Collected: 05/27/11 15:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-26

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:20	1
Percent Solids	100		1.0		%			06/03/11 15:20	1

Client Sample ID: CBG-108

Date Collected: 05/27/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-27

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.00		1.0		%			06/03/11 15:20	1
Percent Solids	100		1.0		%			06/03/11 15:20	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

GC Semi VOA

Prep Batch: 74535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74535/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-74535/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-74535/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34104-1	GB2W-84 (1')	Total/NA	Solid	3540C	
360-34104-2	GB2W-85 (2')	Total/NA	Solid	3540C	
360-34104-3	DUPLICATE-6	Total/NA	Solid	3540C	
360-34104-4	GB1-86	Total/NA	Solid	3540C	
360-34104-5	GB1-87	Total/NA	Solid	3540C	
360-34104-6	GB1-88	Total/NA	Solid	3540C	
360-34104-7	GB1-89	Total/NA	Solid	3540C	
360-34104-8	GB1-90	Total/NA	Solid	3540C	
360-34104-9	GB1-91	Total/NA	Solid	3540C	
360-34104-10	GB1-92	Total/NA	Solid	3540C	
360-34104-11	GB1-93	Total/NA	Solid	3540C	
360-34104-12	GB1-94	Total/NA	Solid	3540C	
360-34104-13	GB1-95	Total/NA	Solid	3540C	
360-34104-14	GB1-96	Total/NA	Solid	3540C	
360-34104-15	CB1-97	Total/NA	Solid	3540C	
360-34104-16	CB1-98	Total/NA	Solid	3540C	
360-34104-17	CB1-99	Total/NA	Solid	3540C	
360-34104-18	CB1-100	Total/NA	Solid	3540C	
360-34104-19	DUPLICATE-7	Total/NA	Solid	3540C	
360-34104-20	CB1-101	Total/NA	Solid	3540C	
360-34104-17 MS	CB1-99	Total/NA	Solid	3540C	
360-34104-17 MSD	CB1-99	Total/NA	Solid	3540C	

Prep Batch: 74539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74539/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-74539/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-74539/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34104-21	CB1-102	Total/NA	Solid	3540C	
360-34104-22	CBG-103	Total/NA	Solid	3540C	
360-34104-23	CBG-104	Total/NA	Solid	3540C	
360-34104-24	CBG-105	Total/NA	Solid	3540C	
360-34104-25	CBG-106	Total/NA	Solid	3540C	
360-34104-26	CBG-107	Total/NA	Solid	3540C	
360-34104-27	CBG-108	Total/NA	Solid	3540C	
360-34104-26 MS	CBG-107	Total/NA	Solid	3540C	
360-34104-26 MSD	CBG-107	Total/NA	Solid	3540C	

Analysis Batch: 74674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74539/1-A	Method Blank	Total/NA	Solid	8082	74539
LCS 360-74539/2-A	Lab Control Sample	Total/NA	Solid	8082	74539
LCSD 360-74539/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	74539
360-34104-21	CB1-102	Total/NA	Solid	8082	74539
360-34104-22	CBG-103	Total/NA	Solid	8082	74539
360-34104-23	CBG-104	Total/NA	Solid	8082	74539
360-34104-24	CBG-105	Total/NA	Solid	8082	74539
360-34104-25	CBG-106	Total/NA	Solid	8082	74539
360-34104-26	CBG-107	Total/NA	Solid	8082	74539

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

GC Semi VOA (Continued)

Analysis Batch: 74674 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34104-27	CBG-108	Total/NA	Solid	8082	74539
360-34104-26 MS	CBG-107	Total/NA	Solid	8082	74539
360-34104-26 MSD	CBG-107	Total/NA	Solid	8082	74539

Analysis Batch: 74808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74535/1-A	Method Blank	Total/NA	Solid	8082	74535
LCS 360-74535/2-A	Lab Control Sample	Total/NA	Solid	8082	74535
LCSD 360-74535/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	74535
360-34104-1	GB2W-84 (1')	Total/NA	Solid	8082	74535
360-34104-2	GB2W-85 (2')	Total/NA	Solid	8082	74535
360-34104-3	DUPLICATE-6	Total/NA	Solid	8082	74535
360-34104-4	GB1-86	Total/NA	Solid	8082	74535
360-34104-5	GB1-87	Total/NA	Solid	8082	74535
360-34104-6	GB1-88	Total/NA	Solid	8082	74535
360-34104-7	GB1-89	Total/NA	Solid	8082	74535
360-34104-8	GB1-90	Total/NA	Solid	8082	74535
360-34104-9	GB1-91	Total/NA	Solid	8082	74535
360-34104-10	GB1-92	Total/NA	Solid	8082	74535

Analysis Batch: 74877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34104-11	GB1-93	Total/NA	Solid	8082	74535
360-34104-12	GB1-94	Total/NA	Solid	8082	74535
360-34104-13	GB1-95	Total/NA	Solid	8082	74535
360-34104-14	GB1-96	Total/NA	Solid	8082	74535
360-34104-15	CB1-97	Total/NA	Solid	8082	74535
360-34104-16	CB1-98	Total/NA	Solid	8082	74535
360-34104-17	CB1-99	Total/NA	Solid	8082	74535
360-34104-18	CB1-100	Total/NA	Solid	8082	74535
360-34104-19	DUPLICATE-7	Total/NA	Solid	8082	74535
360-34104-20	CB1-101	Total/NA	Solid	8082	74535
360-34104-17 MS	CB1-99	Total/NA	Solid	8082	74535
360-34104-17 MSD	CB1-99	Total/NA	Solid	8082	74535

General Chemistry

Analysis Batch: 74623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34104-1	GB2W-84 (1')	Total/NA	Solid	Moisture	
360-34104-2	GB2W-85 (2')	Total/NA	Solid	Moisture	
360-34104-3	DUPLICATE-6	Total/NA	Solid	Moisture	
360-34104-4	GB1-86	Total/NA	Solid	Moisture	
360-34104-5	GB1-87	Total/NA	Solid	Moisture	
360-34104-6	GB1-88	Total/NA	Solid	Moisture	
360-34104-7	GB1-89	Total/NA	Solid	Moisture	
360-34104-8	GB1-90	Total/NA	Solid	Moisture	
360-34104-9	GB1-91	Total/NA	Solid	Moisture	
360-34104-10	GB1-92	Total/NA	Solid	Moisture	
360-34104-11	GB1-93	Total/NA	Solid	Moisture	
360-34104-12	GB1-94	Total/NA	Solid	Moisture	
360-34104-13	GB1-95	Total/NA	Solid	Moisture	

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

General Chemistry (Continued)

Analysis Batch: 74623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34104-14	GB1-96	Total/NA	Solid	Moisture	

Analysis Batch: 74672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34104-19	DUPLICATE-7	Total/NA	Solid	Moisture	
360-34104-15	CB1-97	Total/NA	Solid	Moisture	
360-34104-16	CB1-98	Total/NA	Solid	Moisture	
360-34104-20	CB1-101	Total/NA	Solid	Moisture	
360-34104-17	CB1-99	Total/NA	Solid	Moisture	
360-34104-18	CB1-100	Total/NA	Solid	Moisture	
360-34104-21	CB1-102	Total/NA	Solid	Moisture	
360-34104-22	CBG-103	Total/NA	Solid	Moisture	
360-34104-23	CBG-104	Total/NA	Solid	Moisture	
360-34104-23 DU	CBG-104	Total/NA	Solid	Moisture	
360-34104-24	CBG-105	Total/NA	Solid	Moisture	
360-34104-25	CBG-106	Total/NA	Solid	Moisture	
360-34104-26	CBG-107	Total/NA	Solid	Moisture	
360-34104-27	CBG-108	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34104-1	GB2W-84 (1')	88	64	87	88
360-34104-2	GB2W-85 (2')	69	76	67	60
360-34104-3	DUPLICATE-6	70	97	65	61
360-34104-4	GB1-86	98	70	76	81
360-34104-5	GB1-87	91	66	75	82
360-34104-6	GB1-88	80	51 p	45	56
360-34104-7	GB1-89	79	53	64	54
360-34104-8	GB1-90	77	57	65	73
360-34104-9	GB1-91	73	53	53	57
360-34104-10	GB1-92	101	82	102	112
360-34104-11	GB1-93	109	89	82	85
360-34104-12	GB1-94	112	100	78	76
360-34104-13	GB1-95	119	99	84	81
360-34104-14	GB1-96	53	62	38 p	133
360-34104-15	CB1-97	203 X	187 X	115	121
360-34104-16	CB1-98	278 X	251 X	195 X	175 X
360-34104-17	CB1-99	175 X	192 X	129	135
360-34104-17 MS	CB1-99	183 X	181 X	135	140
360-34104-17 MSD	CB1-99	223 X	169 X	141	139
360-34104-18	CB1-100	114 p	249 X	116	111
360-34104-19	DUPLICATE-7	126 p	217 X	117	113
360-34104-20	CB1-101	135	136	113	111
360-34104-21	CB1-102	179 X	144	95	86
360-34104-22	CBG-103	96	77	88	77
360-34104-23	CBG-104	118	98	93	83
360-34104-24	CBG-105	125	113	103	85
360-34104-25	CBG-106	100	88	90	73
360-34104-26	CBG-107	96	90	81	70
360-34104-26 MS	CBG-107	101	90	81	70
360-34104-26 MSD	CBG-107	95	78	79	71
360-34104-27	CBG-108	90	101	85	72
LCS 360-74535/2-A	Lab Control Sample	99	77	86	85
LCS 360-74539/2-A	Lab Control Sample	127	99	104	86
LCSD 360-74535/3-A	Lab Control Sample Dup	107	71	88	84
LCSD 360-74539/3-A	Lab Control Sample Dup	117	100	96	83
MB 360-74535/1-A	Method Blank	102	84	100	99
MB 360-74539/1-A	Method Blank	113	94	92	83

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74535/1-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74535

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1221	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1232	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1242	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1248	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1254	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1260	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1262	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1
PCB-1268	ND		100		ug/Kg		06/01/11 14:00	06/07/11 15:11	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		30 - 150	06/01/11 14:00	06/07/11 15:11	1
DCB Decachlorobiphenyl	84		30 - 150	06/01/11 14:00	06/07/11 15:11	1
Tetrachloro-m-xylene	100		30 - 150	06/01/11 14:00	06/07/11 15:11	1
Tetrachloro-m-xylene	99		30 - 150	06/01/11 14:00	06/07/11 15:11	1

Lab Sample ID: LCS 360-74535/2-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	521		ug/Kg		104	40 - 140
PCB-1260	500	474		ug/Kg		95	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	99		30 - 150
DCB Decachlorobiphenyl	77		30 - 150
Tetrachloro-m-xylene	86		30 - 150
Tetrachloro-m-xylene	85		30 - 150

Lab Sample ID: LCSD 360-74535/3-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74535

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	512		ug/Kg		102	40 - 140	2	30
PCB-1260	500	481		ug/Kg		96	40 - 140	1	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	107		30 - 150
DCB Decachlorobiphenyl	71		30 - 150
Tetrachloro-m-xylene	88		30 - 150
Tetrachloro-m-xylene	84		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34104-17 MS

Matrix: Solid

Analysis Batch: 74877

Client Sample ID: CB1-99

Prep Type: Total/NA

Prep Batch: 74535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	ND		476	430		ug/Kg	☼	90	40 - 140
PCB-1260	ND		476	616		ug/Kg	☼	129	40 - 140
Surrogate	MS % Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	183	X	30 - 150						
DCB Decachlorobiphenyl	181	X	30 - 150						
Tetrachloro-m-xylene	135		30 - 150						
Tetrachloro-m-xylene	140		30 - 150						

Lab Sample ID: 360-34104-17 MSD

Matrix: Solid

Analysis Batch: 74877

Client Sample ID: CB1-99

Prep Type: Total/NA

Prep Batch: 74535

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		470	507		ug/Kg	☼	108	40 - 140	16	50
PCB-1260	ND		470	715	F	ug/Kg	☼	152	40 - 140	15	50
Surrogate	MSD % Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	223	X	30 - 150								
DCB Decachlorobiphenyl	169	X	30 - 150								
Tetrachloro-m-xylene	141		30 - 150								
Tetrachloro-m-xylene	139		30 - 150								

Lab Sample ID: MB 360-74539/1-A

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1221	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1232	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1242	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1248	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1254	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1260	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1262	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
PCB-1268	ND		100		ug/Kg		06/01/11 14:00	06/03/11 17:08	1
Surrogate	MB % Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		30 - 150				06/01/11 14:00	06/03/11 17:08	1
DCB Decachlorobiphenyl	94		30 - 150				06/01/11 14:00	06/03/11 17:08	1
Tetrachloro-m-xylene	92		30 - 150				06/01/11 14:00	06/03/11 17:08	1
Tetrachloro-m-xylene	83		30 - 150				06/01/11 14:00	06/03/11 17:08	1

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 360-74539/2-A

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74539

Analyte			Spike	LCS	LCS	Unit	D	% Rec.	% Rec.		
			Added	Result	Qualifier			Limits			
PCB-1016			500	563		ug/Kg		113		40 - 140	
PCB-1260			500	660		ug/Kg		132		40 - 140	
Surrogate	LCS		Limits								
	% Recovery	Qualifier									
DCB Decachlorobiphenyl	127		30 - 150								
DCB Decachlorobiphenyl	99		30 - 150								
Tetrachloro-m-xylene	104		30 - 150								
Tetrachloro-m-xylene	86		30 - 150								

Lab Sample ID: LCSD 360-74539/3-A

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74539

			Spike	LCSD	LCSD				% Rec.			RPD
Analyte			Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit	
PCB-1016			500	561		ug/Kg		112	40 - 140	0	30	
PCB-1260			500	661		ug/Kg		132	40 - 140	0	30	
			LCSD	LCSD								
Surrogate	% Recovery	Qualifier	Limits									
DCB Decachlorobiphenyl	117		30 - 150									
DCB Decachlorobiphenyl	100		30 - 150									
Tetrachloro-m-xylene	96		30 - 150									
Tetrachloro-m-xylene	83		30 - 150									

Lab Sample ID: 360-34104-26 MS

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: CBG-107

Prep Type: Total/NA

Prep Batch: 74539

	Sample	Sample	Spike	MS	MS				% Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits		
PCB-1016	ND		480	431		ug/Kg	☼	90	40 - 140		
PCB-1260	ND		480	524		ug/Kg	☼	109	40 - 140		

Lab Sample ID: 360-34104-26 MSD

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: CBG-107

Prep Type: Total/NA

Prep Batch: 74539

	Sample	Sample	Spike	MSD	MSD				% Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit
PCB-1016	ND		485	428		ug/Kg	☼	88	40 - 140	1	50
PCB-1260	ND		485	516		ug/Kg	☼	107	40 - 140	1	50
	MSD	MSD									
Surrogate	% Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl	95		30 - 150								
DCB Decachlorobiphenyl	78		30 - 150								

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34104-26 MSD

Matrix: Solid

Analysis Batch: 74674

Client Sample ID: CBG-107

Prep Type: Total/NA

Prep Batch: 74539

	MSD	MSD	
Surrogate	% Recovery	Qualifier	Limits
Tetrachloro-m-xylene	79		30 - 150
Tetrachloro-m-xylene	71		30 - 150

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34104-23 DU

Matrix: Solid

Analysis Batch: 74672

Client Sample ID: CBG-104

Prep Type: Total/NA

	Sample	Sample	DU	DU					RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit
Percent Moisture	0.00		0.00		%			NC	20
Percent Solids	100		100		%			0	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: GB2W-84 (1')

Date Collected: 05/26/11 13:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-1

Matrix: Solid

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 16:14	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB2W-85 (2')

Date Collected: 05/26/11 13:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-2

Matrix: Solid

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 16:35	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: DUPLICATE-6

Date Collected: 05/26/11 17:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-3

Matrix: Solid

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 16:56	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-86

Date Collected: 05/26/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-4

Matrix: Solid

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 17:17	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-87

Date Collected: 05/26/11 15:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-5

Matrix: Solid

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 17:38	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: GB1-88

Date Collected: 05/26/11 15:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-6

Matrix: Solid

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 17:59	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-89

Date Collected: 05/26/11 15:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-7

Matrix: Solid

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 18:20	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-90

Date Collected: 05/26/11 15:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-8

Matrix: Solid

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 18:41	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-91

Date Collected: 05/26/11 15:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-9

Matrix: Solid

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 19:02	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-92

Date Collected: 05/26/11 16:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-10

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 19:24	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: GB1-93

Date Collected: 05/26/11 16:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-11

Matrix: Solid

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 10:14	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-94

Date Collected: 05/26/11 16:20

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-12

Matrix: Solid

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 10:38	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-95

Date Collected: 05/26/11 16:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-13

Matrix: Solid

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 11:02	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: GB1-96

Date Collected: 05/26/11 16:40

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-14

Matrix: Solid

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 11:27	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74623	06/03/11 14:06	EMN	TAL WFD

Client Sample ID: CB1-97

Date Collected: 05/27/11 11:50

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-15

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 11:51	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: CB1-98

Date Collected: 05/27/11 12:05

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-16

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 12:16	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: CB1-99

Date Collected: 05/27/11 12:15

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-17

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 12:40	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: CB1-100

Date Collected: 05/27/11 12:30

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-18

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 13:05	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: DUPLICATE-7

Date Collected: 05/27/11 12:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-19

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 13:29	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: CB1-101

Date Collected: 05/27/11 12:45

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-20

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74535	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74877	06/08/11 13:54	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: CB1-102

Lab Sample ID: 360-34104-21

Date Collected: 05/27/11 13:05

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 18:13	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: CBG-103

Lab Sample ID: 360-34104-22

Date Collected: 05/27/11 14:25

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 18:35	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:18	EMN	TAL WFD

Client Sample ID: CBG-104

Lab Sample ID: 360-34104-23

Date Collected: 05/27/11 14:35

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 18:56	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:20	EMN	TAL WFD

Client Sample ID: CBG-105

Lab Sample ID: 360-34104-24

Date Collected: 05/27/11 14:45

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 19:18	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:20	EMN	TAL WFD

Client Sample ID: CBG-106

Lab Sample ID: 360-34104-25

Date Collected: 05/27/11 14:55

Matrix: Solid

Date Received: 05/28/11 11:10

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 19:40	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:20	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Client Sample ID: CBG-107

Date Collected: 05/27/11 15:00

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-26

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 20:01	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:20	EMN	TAL WFD

Client Sample ID: CBG-108

Date Collected: 05/27/11 15:10

Date Received: 05/28/11 11:10

Lab Sample ID: 360-34104-27

Matrix: Solid

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74539	06/01/11 14:00	BRB	TAL WFD
Total/NA	Analysis	8082		1	74674	06/03/11 20:23	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	74672	06/03/11 15:20	EMN	TAL WFD

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34104-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34104-1

Login Number: 34104

List Source: TestAmerica Westfield

List Number: 1

Creator: Stewart, Alyse M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

360-34101

Chain of Custody Record

TestAmerica Westfield
Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Client Information		Sample: SHAWN DONOVAN		Lab PM: BECKY MASON		Carrier Tracking No(s):		COC No: 015169	
Client Contact:		Phone: 502-922-3447		E-Mail:				Page: 6 of 9	
Company:								Job #:	
Address:								Preservation Codes:	
City:								A - HCL J - DI Water	
State, Zip:								B - NaOH M - Hexane	
Phone:								C - Zn Acetate N - None	
Email:								D - Nitric Acid P - Na2O4S	
Project Name/number:								E - NaHSO4 Q - Na2SO3	
Site:								F - MeOH R - Na2S2O3	
								H - Ascorbic Acid S - H2SO4	
								I - Ice Z - other (specify)	
								Regulatory programs:	
								MCP ☐ GW1/S1 ☐	
								RCP ☐ CT RSR ☐	
								DEP Form ☐ EDD Required ☐	
Due Date Requested:								Total Number of containers	
TAT Requested (days):								Special Instructions/Note:	
Quote #:									
PO #:									
WO #:									
SSOW#:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=organic, DT=tissue, A=air)	
GB2W-84(1")		5/26/11		1345		G		S	
GB2W-85(2")				1350					
DUPLICATE-6				1700					
GB1-86				1510					
GB1-87				1515					
GB1-88				1520					
GB1-89				1530					
GB1-90				1540					
GB1-91				1550					
GB1-92				1600					
Possible Hazard Identification									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)									
Relinquished by		Date/Time		5/27/11		01640		Company	
Relinquished by		Date/Time		05/27/11		1740		Company	
Relinquished by		Date/Time						Company	
Custody Seals intact: ☐ Yes ☐ No		Custody Seal No.:							



Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: SHAWN DONOVAN		Lab PM: BECKY MASON		Carrier Tracking No(s):		COC No: 015171	
Client Contact:		Phone: 802-922-3447		E-Mail:		Page: 7 of 8		Job #:	
Company:		Address:		City:		State, Zip:		Phone:	
Email:		Quote #:		PO #:		WO #:		SSOW#:	
Project Name/number:		Due Date Requested:		TAT Requested (days):		Quote #:		PO #:	
Site:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=volatile, BT=Tissue, A=Air)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=volatile, BT=Tissue, A=Air)	
CB1-93		5/26/11		1610		G		S	
CB1-94		5/26/11		1620		G		S	
CB1-95		5/26/11		1630		G		S	
CB1-96		5/26/11		1640		G		S	
CB1-97		5/26/11		1650		G		S	
CB1-98		5/26/11		1705		G		S	
CB1-99		5/26/11		1715		G		S	
CB1-100		5/26/11		1730		G		S	
DUPLICATE - 7		5/26/11		1745		G		S	
CB1-101		5/26/11		1745		G		S	
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☒ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months		Special Instructions/Note:	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Custody Temperature(s) and Other Remarks:		Custody Temperature(s) and Other Remarks:		Custody Temperature(s) and Other Remarks:	

360-34164

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: SHAWN DANOVAN		Lab PM: BECKY MASON		Carrier Tracking No(s):		COC No: 015172	
Client Contact:		Phone: 82-922-3447		E-Mail:		Page: 8 of 8		Job #:	
Company: LEF		Due Date Requested:		Analysis Requested		Preservation Codes:		Regulatory programs:	
Address:		TAT Requested (days):		Field Filtered Sample?		A - HCL		MCP ☐ GW1/S1 ☐	
City:		Quote #:		Perform MS/MSD?		B - NaOH		RCP ☐ CT RSR ☐	
State, Zip:		PO #:		Sampler's Initials		C - Zn Acetate		DEP Form ☐ EDD Required ☐	
Phone:		WO #:		Matrix (W=Water, S=solid, O=Organic, B=Blood, T=Toxic, A=Air)		D - Nitric Acid			
Email:		SSOW#:		Sample Date		E - NaHSO4			
Project Name/number:		Sample Type (C=Comp, G=Grab)		Sample Time		F - MeOH			
Site:		Preservation Code:		Sample Date		H - Ascorbic Acid			
Sample Identification		Sample Date		Sample Time		I - Ice			
CBI-102		5/27/11		1325		Z - other (specify)			
CBG-103				1425		Total Number of containers			
CBG-104				1435					
CBG-105				1445					
CBG-106				1455					
CBG-107				1500					
CBG-108				1510					
Special Instructions/Note:									
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Relinquished by: Shawn L. Lanti		Date/Time: 5/25/11 @ 1640		Received by: Shawn L. Lanti		Date/Time: 05/27/11 1640		Company: TA	
Relinquished by: Shawn L. Lanti		Date/Time: 05/27/11 1740		Received by: Shawn L. Lanti		Date/Time: 5/28/11 1100		Company: TA	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Date/Time: 05/27/11 1640		Company: TA	

TAL-8245-360 0310

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34196-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/16/2011 11:27:57 AM

Joe Chimi

Report Production Representative

joe.chimi@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

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www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Job ID: 360-34196-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/03/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.4 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples SB-111 (0-0.5') (360-34196-1), SB-111 (1.0-2.0') (360-34196-2), SB-112 (0-0.5') (360-34196-3), SB-112 (1.0-2.0') (360-34196-4), SB-113 (0-0.5') (360-34196-5), SB-113 (1.0-2.0') (360-34196-6), SB-114 (0-0.5') (360-34196-7), SB-114 (1.0-2.0') (360-34196-8), SB-115 (0-0.5') (360-34196-9), SB-115 (1.0-2.0') (360-34196-10), SB-116 (0-0.5') (360-34196-11), SB-116 (1.0-2.0') (360-34196-12), SB-117 (0-0.5') (360-34196-13), SB-117 (1.0-2.0') (360-34196-14), SB-118 (0-0.5') (360-34196-15), SB-118 (1.0-2.0') (360-34196-16), SB-119 (0-0.5') (360-34196-17), SB-119 (1.0-2.0') (360-34196-18), SB-120 (0-0.5') (360-34196-19), SB-120 (1.0-2.0') (360-34196-20) and DUPLICATE-8 (360-34196-21) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 06/07/2011 and analyzed on 06/07/2011, 06/10/2011 and 06/11/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for SB-119 (1.0-2.0') (360-34196-18). No target analytes were detected in this sample. Results would be biased high. Refer to the QC report for details.

PCB-1016 failed the recovery criteria high for the MS of sample DUPLICATE-8 (360-34196-21) in batch 360-75069. The associated LCS and LCSD recovered within control limits. Refer to the QC report for details.

For analytical batch 74808, PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the opening continuing calibration verification (CCV) (primary column only). For analytical batch 75069, Tetrachloro-m-xylene failed the criteria high for the closing CCV (primary column only).

The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the samples do not closely match any of the laboratory's Aroclor standards used for instrument calibration: SB-116 (1.0-2.0') (360-34196-12), SB-118 (1.0-2.0') (360-34196-16) and DUPLICATE-8 (360-34196-21). The samples have been quantified and reported as PCB-1016. Due to the poor match with the Aroclor standard, there is increased qualitative and quantitative uncertainty associated with these results.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples SB-111 (0-0.5') (360-34196-1), SB-111 (1.0-2.0') (360-34196-2), SB-112 (0-0.5') (360-34196-3), SB-112 (1.0-2.0') (360-34196-4), SB-113 (0-0.5') (360-34196-5), SB-113 (1.0-2.0') (360-34196-6), SB-114 (0-0.5') (360-34196-7), SB-114 (1.0-2.0') (360-34196-8), SB-115 (0-0.5') (360-34196-9), SB-115 (1.0-2.0') (360-34196-10), SB-116 (0-0.5') (360-34196-11), SB-116 (1.0-2.0') (360-34196-12), SB-117 (0-0.5') (360-34196-13), SB-117 (1.0-2.0') (360-34196-14), SB-118 (0-0.5') (360-34196-15), SB-118 (1.0-2.0') (360-34196-16), SB-119 (0-0.5') (360-34196-17), SB-119 (1.0-2.0') (360-34196-18), SB-120 (0-0.5') (360-34196-19), SB-120 (1.0-2.0') (360-34196-20) and DUPLICATE-8 (360-34196-21) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/14/2011 and 06/15/2011.

No difficulties were encountered during the % solids analyses.

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Job ID: 360-34196-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-111 (0-0.5') **Lab Sample ID: 360-34196-1**

No Detections.

Client Sample ID: SB-111 (1.0-2.0') **Lab Sample ID: 360-34196-2**

No Detections.

Client Sample ID: SB-112 (0-0.5') **Lab Sample ID: 360-34196-3**

No Detections.

Client Sample ID: SB-112 (1.0-2.0') **Lab Sample ID: 360-34196-4**

No Detections.

Client Sample ID: SB-113 (0-0.5') **Lab Sample ID: 360-34196-5**

No Detections.

Client Sample ID: SB-113 (1.0-2.0') **Lab Sample ID: 360-34196-6**

No Detections.

Client Sample ID: SB-114 (0-0.5') **Lab Sample ID: 360-34196-7**

No Detections.

Client Sample ID: SB-114 (1.0-2.0') **Lab Sample ID: 360-34196-8**

No Detections.

Client Sample ID: SB-115 (0-0.5') **Lab Sample ID: 360-34196-9**

No Detections.

Client Sample ID: SB-115 (1.0-2.0') **Lab Sample ID: 360-34196-10**

No Detections.

Client Sample ID: SB-116 (0-0.5') **Lab Sample ID: 360-34196-11**

No Detections.

Client Sample ID: SB-116 (1.0-2.0') **Lab Sample ID: 360-34196-12**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1016	910		110		ug/Kg	1		✱	8082	Total/NA

Client Sample ID: SB-117 (0-0.5') **Lab Sample ID: 360-34196-13**

No Detections.

Client Sample ID: SB-117 (1.0-2.0') **Lab Sample ID: 360-34196-14**

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-118 (0-0.5')

Lab Sample ID: 360-34196-15

No Detections.

Client Sample ID: SB-118 (1.0-2.0')

Lab Sample ID: 360-34196-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	640		110		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: SB-119 (0-0.5')

Lab Sample ID: 360-34196-17

No Detections.

Client Sample ID: SB-119 (1.0-2.0')

Lab Sample ID: 360-34196-18

No Detections.

Client Sample ID: SB-120 (0-0.5')

Lab Sample ID: 360-34196-19

No Detections.

Client Sample ID: SB-120 (1.0-2.0')

Lab Sample ID: 360-34196-20

No Detections.

Client Sample ID: DUPLICATE-8

Lab Sample ID: 360-34196-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	1400		100		ug/Kg	1	✱	8082	Total/NA

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34196-1	SB-111 (0-0.5')	Solid	05/30/11 11:40	06/03/11 10:10
360-34196-2	SB-111 (1.0-2.0')	Solid	05/30/11 11:50	06/03/11 10:10
360-34196-3	SB-112 (0-0.5')	Solid	05/30/11 12:00	06/03/11 10:10
360-34196-4	SB-112 (1.0-2.0')	Solid	05/30/11 12:10	06/03/11 10:10
360-34196-5	SB-113 (0-0.5')	Solid	05/30/11 12:15	06/03/11 10:10
360-34196-6	SB-113 (1.0-2.0')	Solid	05/30/11 12:20	06/03/11 10:10
360-34196-7	SB-114 (0-0.5')	Solid	05/30/11 12:30	06/03/11 10:10
360-34196-8	SB-114 (1.0-2.0')	Solid	05/30/11 12:40	06/03/11 10:10
360-34196-9	SB-115 (0-0.5')	Solid	05/30/11 12:50	06/03/11 10:10
360-34196-10	SB-115 (1.0-2.0')	Solid	05/30/11 13:00	06/03/11 10:10
360-34196-11	SB-116 (0-0.5')	Solid	05/30/11 13:10	06/03/11 10:10
360-34196-12	SB-116 (1.0-2.0')	Solid	05/30/11 13:15	06/03/11 10:10
360-34196-13	SB-117 (0-0.5')	Solid	05/30/11 13:30	06/03/11 10:10
360-34196-14	SB-117 (1.0-2.0')	Solid	05/30/11 13:45	06/03/11 10:10
360-34196-15	SB-118 (0-0.5')	Solid	05/30/11 14:00	06/03/11 10:10
360-34196-16	SB-118 (1.0-2.0')	Solid	05/30/11 14:05	06/03/11 10:10
360-34196-17	SB-119 (0-0.5')	Solid	05/30/11 14:10	06/03/11 10:10
360-34196-18	SB-119 (1.0-2.0')	Solid	05/30/11 14:15	06/03/11 10:10
360-34196-19	SB-120 (0-0.5')	Solid	05/30/11 14:20	06/03/11 10:10
360-34196-20	SB-120 (1.0-2.0')	Solid	05/30/11 14:30	06/03/11 10:10
360-34196-21	DUPLICATE-8	Solid	05/30/11 12:00	06/03/11 10:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-111 (0-0.5')

Date Collected: 05/30/11 11:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-1

Matrix: Solid

Percent Solids: 82.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 10:48	06/07/11 13:25	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150				06/07/11 10:48	06/07/11 13:25	1
DCB Decachlorobiphenyl	80		30 - 150				06/07/11 10:48	06/07/11 13:25	1
Tetrachloro-m-xylene	85		30 - 150				06/07/11 10:48	06/07/11 13:25	1
Tetrachloro-m-xylene	99		30 - 150				06/07/11 10:48	06/07/11 13:25	1

Client Sample ID: SB-111 (1.0-2.0')

Date Collected: 05/30/11 11:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-2

Matrix: Solid

Percent Solids: 83.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1221	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1232	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1242	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1248	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1254	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1260	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1262	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
PCB-1268	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 17:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		30 - 150				06/07/11 16:30	06/10/11 17:29	1
DCB Decachlorobiphenyl	138		30 - 150				06/07/11 16:30	06/10/11 17:29	1
Tetrachloro-m-xylene	101		30 - 150				06/07/11 16:30	06/10/11 17:29	1
Tetrachloro-m-xylene	114		30 - 150				06/07/11 16:30	06/10/11 17:29	1

Client Sample ID: SB-112 (0-0.5')

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-3

Matrix: Solid

Percent Solids: 84.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 17:54	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		30 - 150				06/07/11 16:30	06/10/11 17:54	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-112 (0-0.5')

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-3

Matrix: Solid

Percent Solids: 84.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		30 - 150	06/07/11 16:30	06/10/11 17:54	1
Tetrachloro-m-xylene	88		30 - 150	06/07/11 16:30	06/10/11 17:54	1
Tetrachloro-m-xylene	97		30 - 150	06/07/11 16:30	06/10/11 17:54	1

Client Sample ID: SB-112 (1.0-2.0')

Date Collected: 05/30/11 12:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-4

Matrix: Solid

Percent Solids: 90.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1221	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1232	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1242	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1248	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1254	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1260	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1262	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1
PCB-1268	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 18:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		30 - 150	06/07/11 16:30	06/10/11 18:18	1
DCB Decachlorobiphenyl	129		30 - 150	06/07/11 16:30	06/10/11 18:18	1
Tetrachloro-m-xylene	101		30 - 150	06/07/11 16:30	06/10/11 18:18	1
Tetrachloro-m-xylene	112		30 - 150	06/07/11 16:30	06/10/11 18:18	1

Client Sample ID: SB-113 (0-0.5')

Date Collected: 05/30/11 12:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-5

Matrix: Solid

Percent Solids: 72.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1221	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1232	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1242	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1248	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1254	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1260	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1262	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1
PCB-1268	ND		130		ug/Kg	✱	06/07/11 16:30	06/10/11 18:43	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		30 - 150	06/07/11 16:30	06/10/11 18:43	1
DCB Decachlorobiphenyl	92		30 - 150	06/07/11 16:30	06/10/11 18:43	1
Tetrachloro-m-xylene	84		30 - 150	06/07/11 16:30	06/10/11 18:43	1
Tetrachloro-m-xylene	93		30 - 150	06/07/11 16:30	06/10/11 18:43	1

Client Sample ID: SB-113 (1.0-2.0')

Date Collected: 05/30/11 12:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-6

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 19:07	1
PCB-1221	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 19:07	1
PCB-1232	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 19:07	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-113 (1.0-2.0')

Date Collected: 05/30/11 12:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-6

Matrix: Solid

Percent Solids: 86.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1
PCB-1248	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1
PCB-1254	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1
PCB-1260	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1
PCB-1262	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1
PCB-1268	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 19:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	95		30 - 150	06/07/11 16:30	06/10/11 19:07	1
DCB Decachlorobiphenyl	101		30 - 150	06/07/11 16:30	06/10/11 19:07	1
Tetrachloro-m-xylene	94		30 - 150	06/07/11 16:30	06/10/11 19:07	1
Tetrachloro-m-xylene	97		30 - 150	06/07/11 16:30	06/10/11 19:07	1

Client Sample ID: SB-114 (0-0.5')

Date Collected: 05/30/11 12:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-7

Matrix: Solid

Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:32	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150	06/07/11 16:30	06/10/11 19:32	1
DCB Decachlorobiphenyl	98		30 - 150	06/07/11 16:30	06/10/11 19:32	1
Tetrachloro-m-xylene	93		30 - 150	06/07/11 16:30	06/10/11 19:32	1
Tetrachloro-m-xylene	105		30 - 150	06/07/11 16:30	06/10/11 19:32	1

Client Sample ID: SB-114 (1.0-2.0')

Date Collected: 05/30/11 12:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-8

Matrix: Solid

Percent Solids: 84.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 19:56	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150	06/07/11 16:30	06/10/11 19:56	1
DCB Decachlorobiphenyl	88		30 - 150	06/07/11 16:30	06/10/11 19:56	1
Tetrachloro-m-xylene	92		30 - 150	06/07/11 16:30	06/10/11 19:56	1
Tetrachloro-m-xylene	96		30 - 150	06/07/11 16:30	06/10/11 19:56	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-115 (0-0.5')

Date Collected: 05/30/11 12:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-9

Matrix: Solid

Percent Solids: 82.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 16:30	06/10/11 20:21	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		30 - 150				06/07/11 16:30	06/10/11 20:21	1
DCB Decachlorobiphenyl	99		30 - 150				06/07/11 16:30	06/10/11 20:21	1
Tetrachloro-m-xylene	88		30 - 150				06/07/11 16:30	06/10/11 20:21	1
Tetrachloro-m-xylene	90		30 - 150				06/07/11 16:30	06/10/11 20:21	1

Client Sample ID: SB-115 (1.0-2.0')

Date Collected: 05/30/11 13:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-10

Matrix: Solid

Percent Solids: 68.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1221	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1232	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1242	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1248	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1254	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1260	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1262	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
PCB-1268	ND		140		ug/Kg	☼	06/07/11 16:30	06/10/11 20:45	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		30 - 150				06/07/11 16:30	06/10/11 20:45	1
DCB Decachlorobiphenyl	99		30 - 150				06/07/11 16:30	06/10/11 20:45	1
Tetrachloro-m-xylene	100		30 - 150				06/07/11 16:30	06/10/11 20:45	1
Tetrachloro-m-xylene	103		30 - 150				06/07/11 16:30	06/10/11 20:45	1

Client Sample ID: SB-116 (0-0.5')

Date Collected: 05/30/11 13:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-11

Matrix: Solid

Percent Solids: 87.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1221	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1232	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1242	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1248	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1254	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1260	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1262	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
PCB-1268	ND		110		ug/Kg	☼	06/07/11 16:30	06/10/11 21:10	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		30 - 150				06/07/11 16:30	06/10/11 21:10	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-116 (0-0.5')

Date Collected: 05/30/11 13:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-11

Matrix: Solid

Percent Solids: 87.4

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	95		30 - 150	06/07/11 16:30	06/10/11 21:10	1
Tetrachloro-m-xylene	93		30 - 150	06/07/11 16:30	06/10/11 21:10	1
Tetrachloro-m-xylene	94		30 - 150	06/07/11 16:30	06/10/11 21:10	1

Client Sample ID: SB-116 (1.0-2.0')

Date Collected: 05/30/11 13:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-12

Matrix: Solid

Percent Solids: 91.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	910		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1221	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1232	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1242	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1248	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1254	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1260	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1262	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1
PCB-1268	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 21:34	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	95		30 - 150	06/07/11 16:30	06/10/11 21:34	1
DCB Decachlorobiphenyl	91		30 - 150	06/07/11 16:30	06/10/11 21:34	1
Tetrachloro-m-xylene	94		30 - 150	06/07/11 16:30	06/10/11 21:34	1
Tetrachloro-m-xylene	95		30 - 150	06/07/11 16:30	06/10/11 21:34	1

Client Sample ID: SB-117 (0-0.5')

Date Collected: 05/30/11 13:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-13

Matrix: Solid

Percent Solids: 84.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1221	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1232	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1242	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1248	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1254	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1260	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1262	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1
PCB-1268	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 21:59	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		30 - 150	06/07/11 16:30	06/10/11 21:59	1
DCB Decachlorobiphenyl	86		30 - 150	06/07/11 16:30	06/10/11 21:59	1
Tetrachloro-m-xylene	83		30 - 150	06/07/11 16:30	06/10/11 21:59	1
Tetrachloro-m-xylene	89		30 - 150	06/07/11 16:30	06/10/11 21:59	1

Client Sample ID: SB-117 (1.0-2.0')

Date Collected: 05/30/11 13:45

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-14

Matrix: Solid

Percent Solids: 84.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1221	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1232	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-117 (1.0-2.0')

Date Collected: 05/30/11 13:45

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-14

Matrix: Solid

Percent Solids: 84.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1248	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1254	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1260	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1262	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1
PCB-1268	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:23	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150	06/07/11 16:30	06/10/11 22:23	1
DCB Decachlorobiphenyl	79		30 - 150	06/07/11 16:30	06/10/11 22:23	1
Tetrachloro-m-xylene	93		30 - 150	06/07/11 16:30	06/10/11 22:23	1
Tetrachloro-m-xylene	88		30 - 150	06/07/11 16:30	06/10/11 22:23	1

Client Sample ID: SB-118 (0-0.5')

Date Collected: 05/30/11 14:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-15

Matrix: Solid

Percent Solids: 80.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1221	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1232	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1242	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1248	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1254	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1260	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1262	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1
PCB-1268	ND		120		ug/Kg	✱	06/07/11 16:30	06/10/11 22:47	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		30 - 150	06/07/11 16:30	06/10/11 22:47	1
DCB Decachlorobiphenyl	87		30 - 150	06/07/11 16:30	06/10/11 22:47	1
Tetrachloro-m-xylene	99		30 - 150	06/07/11 16:30	06/10/11 22:47	1
Tetrachloro-m-xylene	100		30 - 150	06/07/11 16:30	06/10/11 22:47	1

Client Sample ID: SB-118 (1.0-2.0')

Date Collected: 05/30/11 14:05

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-16

Matrix: Solid

Percent Solids: 87.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	640		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1221	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1232	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1242	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1248	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1254	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1260	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1262	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1
PCB-1268	ND		110		ug/Kg	✱	06/07/11 16:30	06/10/11 23:12	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		30 - 150	06/07/11 16:30	06/10/11 23:12	1
DCB Decachlorobiphenyl	84		30 - 150	06/07/11 16:30	06/10/11 23:12	1
Tetrachloro-m-xylene	85		30 - 150	06/07/11 16:30	06/10/11 23:12	1
Tetrachloro-m-xylene	90		30 - 150	06/07/11 16:30	06/10/11 23:12	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-119 (0-0.5')

Date Collected: 05/30/11 14:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-17

Matrix: Solid

Percent Solids: 81.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1221	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1232	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1242	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1248	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1254	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1260	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1262	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
PCB-1268	ND		120		ug/Kg	☼	06/07/11 16:30	06/11/11 00:25	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150				06/07/11 16:30	06/11/11 00:25	1
DCB Decachlorobiphenyl	98		30 - 150				06/07/11 16:30	06/11/11 00:25	1
Tetrachloro-m-xylene	103		30 - 150				06/07/11 16:30	06/11/11 00:25	1
Tetrachloro-m-xylene	98		30 - 150				06/07/11 16:30	06/11/11 00:25	1

Client Sample ID: SB-119 (1.0-2.0')

Date Collected: 05/30/11 14:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-18

Matrix: Solid

Percent Solids: 78.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1221	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1232	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1242	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1248	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1254	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1260	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1262	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
PCB-1268	ND		130		ug/Kg	☼	06/07/11 16:30	06/11/11 00:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	176	X	30 - 150				06/07/11 16:30	06/11/11 00:50	1
DCB Decachlorobiphenyl	194	X	30 - 150				06/07/11 16:30	06/11/11 00:50	1
Tetrachloro-m-xylene	89		30 - 150				06/07/11 16:30	06/11/11 00:50	1
Tetrachloro-m-xylene	90		30 - 150				06/07/11 16:30	06/11/11 00:50	1

Client Sample ID: SB-120 (0-0.5')

Date Collected: 05/30/11 14:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-19

Matrix: Solid

Percent Solids: 84.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1221	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1232	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1242	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1248	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1254	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1260	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1262	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
PCB-1268	ND		110		ug/Kg	☼	06/07/11 16:30	06/11/11 01:14	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		30 - 150				06/07/11 16:30	06/11/11 01:14	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-120 (0-0.5')

Date Collected: 05/30/11 14:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-19

Matrix: Solid

Percent Solids: 84.8

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 150	06/07/11 16:30	06/11/11 01:14	1
Tetrachloro-m-xylene	99		30 - 150	06/07/11 16:30	06/11/11 01:14	1
Tetrachloro-m-xylene	106		30 - 150	06/07/11 16:30	06/11/11 01:14	1

Client Sample ID: SB-120 (1.0-2.0')

Date Collected: 05/30/11 14:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-20

Matrix: Solid

Percent Solids: 89.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1221	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1232	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1242	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1248	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1254	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1260	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1262	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1
PCB-1268	ND		110		ug/Kg	✱	06/07/11 16:30	06/11/11 01:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		30 - 150	06/07/11 16:30	06/11/11 01:39	1
DCB Decachlorobiphenyl	96		30 - 150	06/07/11 16:30	06/11/11 01:39	1
Tetrachloro-m-xylene	88		30 - 150	06/07/11 16:30	06/11/11 01:39	1
Tetrachloro-m-xylene	98		30 - 150	06/07/11 16:30	06/11/11 01:39	1

Client Sample ID: DUPLICATE-8

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-21

Matrix: Solid

Percent Solids: 90.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1400		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1221	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1232	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1242	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1248	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1254	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1260	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1262	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1
PCB-1268	ND		100		ug/Kg	✱	06/07/11 16:30	06/11/11 02:03	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		30 - 150	06/07/11 16:30	06/11/11 02:03	1
DCB Decachlorobiphenyl	92		30 - 150	06/07/11 16:30	06/11/11 02:03	1
Tetrachloro-m-xylene	87		30 - 150	06/07/11 16:30	06/11/11 02:03	1
Tetrachloro-m-xylene	93		30 - 150	06/07/11 16:30	06/11/11 02:03	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

General Chemistry

Client Sample ID: SB-111 (0-0.5')

Date Collected: 05/30/11 11:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		1.0		%			06/14/11 15:19	1
Percent Solids	82		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-111 (1.0-2.0')

Date Collected: 05/30/11 11:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/14/11 15:19	1
Percent Solids	84		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-112 (0-0.5')

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/14/11 15:19	1
Percent Solids	84		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-112 (1.0-2.0')

Date Collected: 05/30/11 12:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.5		1.0		%			06/14/11 15:19	1
Percent Solids	91		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-113 (0-0.5')

Date Collected: 05/30/11 12:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		1.0		%			06/14/11 15:19	1
Percent Solids	72		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-113 (1.0-2.0')

Date Collected: 05/30/11 12:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/15/11 10:03	1
Percent Solids	86		1.0		%			06/15/11 10:03	1

Client Sample ID: SB-114 (0-0.5')

Date Collected: 05/30/11 12:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		1.0		%			06/14/11 15:19	1
Percent Solids	83		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-114 (1.0-2.0')

Date Collected: 05/30/11 12:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		1.0		%			06/14/11 15:19	1
Percent Solids	84		1.0		%			06/14/11 15:19	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

General Chemistry

Client Sample ID: SB-115 (0-0.5')

Date Collected: 05/30/11 12:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		1.0		%			06/14/11 15:19	1
Percent Solids	82		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-115 (1.0-2.0')

Date Collected: 05/30/11 13:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	32		1.0		%			06/14/11 15:19	1
Percent Solids	68		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-116 (0-0.5')

Date Collected: 05/30/11 13:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/14/11 15:19	1
Percent Solids	87		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-116 (1.0-2.0')

Date Collected: 05/30/11 13:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0		%			06/14/11 15:19	1
Percent Solids	91		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-117 (0-0.5')

Date Collected: 05/30/11 13:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/14/11 15:19	1
Percent Solids	85		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-117 (1.0-2.0')

Date Collected: 05/30/11 13:45

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/14/11 15:19	1
Percent Solids	85		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-118 (0-0.5')

Date Collected: 05/30/11 14:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0		%			06/14/11 15:19	1
Percent Solids	80		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-118 (1.0-2.0')

Date Collected: 05/30/11 14:05

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/14/11 15:19	1
Percent Solids	87		1.0		%			06/14/11 15:19	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

General Chemistry

Client Sample ID: SB-119 (0-0.5')

Date Collected: 05/30/11 14:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		1.0		%			06/14/11 15:19	1
Percent Solids	81		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-119 (1.0-2.0')

Date Collected: 05/30/11 14:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	22		1.0		%			06/14/11 15:19	1
Percent Solids	78		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-120 (0-0.5')

Date Collected: 05/30/11 14:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/14/11 15:19	1
Percent Solids	85		1.0		%			06/14/11 15:19	1

Client Sample ID: SB-120 (1.0-2.0')

Date Collected: 05/30/11 14:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-20

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/14/11 15:19	1
Percent Solids	89		1.0		%			06/14/11 15:19	1

Client Sample ID: DUPLICATE-8

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-21

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.1		1.0		%			06/14/11 15:19	1
Percent Solids	91		1.0		%			06/14/11 15:19	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

GC Semi VOA

Analysis Batch: 74808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74813/1-A	Method Blank	Total/NA	Solid	8082	74813
LCS 360-74813/2-A	Lab Control Sample	Total/NA	Solid	8082	74813
LCSD 360-74813/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	74813
360-34196-1	SB-111 (0-0.5')	Total/NA	Solid	8082	74813
360-34196-1 MS	SB-111 (0-0.5')	Total/NA	Solid	8082	74813
360-34196-1 MSD	SB-111 (0-0.5')	Total/NA	Solid	8082	74813

Prep Batch: 74813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74813/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-74813/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-74813/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34196-1	SB-111 (0-0.5')	Total/NA	Solid	3540C	
360-34196-1 MS	SB-111 (0-0.5')	Total/NA	Solid	3540C	
360-34196-1 MSD	SB-111 (0-0.5')	Total/NA	Solid	3540C	

Prep Batch: 74848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74848/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-74848/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-74848/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34196-2	SB-111 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-3	SB-112 (0-0.5')	Total/NA	Solid	3540C	
360-34196-4	SB-112 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-5	SB-113 (0-0.5')	Total/NA	Solid	3540C	
360-34196-6	SB-113 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-7	SB-114 (0-0.5')	Total/NA	Solid	3540C	
360-34196-8	SB-114 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-9	SB-115 (0-0.5')	Total/NA	Solid	3540C	
360-34196-10	SB-115 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-11	SB-116 (0-0.5')	Total/NA	Solid	3540C	
360-34196-12	SB-116 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-13	SB-117 (0-0.5')	Total/NA	Solid	3540C	
360-34196-14	SB-117 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-15	SB-118 (0-0.5')	Total/NA	Solid	3540C	
360-34196-16	SB-118 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-17	SB-119 (0-0.5')	Total/NA	Solid	3540C	
360-34196-18	SB-119 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-19	SB-120 (0-0.5')	Total/NA	Solid	3540C	
360-34196-20	SB-120 (1.0-2.0')	Total/NA	Solid	3540C	
360-34196-21	DUPLICATE-8	Total/NA	Solid	3540C	
360-34196-21 MS	DUPLICATE-8	Total/NA	Solid	3540C	
360-34196-21 MSD	DUPLICATE-8	Total/NA	Solid	3540C	

Analysis Batch: 75069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74848/1-A	Method Blank	Total/NA	Solid	8082	74848
LCS 360-74848/2-A	Lab Control Sample	Total/NA	Solid	8082	74848
LCSD 360-74848/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	74848
360-34196-2	SB-111 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-3	SB-112 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-4	SB-112 (1.0-2.0')	Total/NA	Solid	8082	74848

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

GC Semi VOA (Continued)

Analysis Batch: 75069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34196-5	SB-113 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-6	SB-113 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-7	SB-114 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-8	SB-114 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-9	SB-115 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-10	SB-115 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-11	SB-116 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-12	SB-116 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-13	SB-117 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-14	SB-117 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-15	SB-118 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-16	SB-118 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-17	SB-119 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-18	SB-119 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-19	SB-120 (0-0.5')	Total/NA	Solid	8082	74848
360-34196-20	SB-120 (1.0-2.0')	Total/NA	Solid	8082	74848
360-34196-21	DUPLICATE-8	Total/NA	Solid	8082	74848
360-34196-21 MS	DUPLICATE-8	Total/NA	Solid	8082	74848
360-34196-21 MSD	DUPLICATE-8	Total/NA	Solid	8082	74848

General Chemistry

Analysis Batch: 75215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34196-1	SB-111 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-2	SB-111 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-3	SB-112 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-4	SB-112 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-5	SB-113 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-7	SB-114 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-8	SB-114 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-9	SB-115 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-10	SB-115 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-10 DU	SB-115 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-11	SB-116 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-12	SB-116 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-13	SB-117 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-14	SB-117 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-15	SB-118 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-16	SB-118 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-17	SB-119 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-18	SB-119 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-19	SB-120 (0-0.5')	Total/NA	Solid	Moisture	
360-34196-20	SB-120 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-21	DUPLICATE-8	Total/NA	Solid	Moisture	

Analysis Batch: 75262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34196-6	SB-113 (1.0-2.0')	Total/NA	Solid	Moisture	
360-34196-6 DU	SB-113 (1.0-2.0')	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34196-1	SB-111 (0-0.5')	98	80	85	99
360-34196-1 MS	SB-111 (0-0.5')	77	60	76	79
360-34196-1 MSD	SB-111 (0-0.5')	91	69	89	90
360-34196-2	SB-111 (1.0-2.0')	122	138	101	114
360-34196-3	SB-112 (0-0.5')	116	105	88	97
360-34196-4	SB-112 (1.0-2.0')	108	129	101	112
360-34196-5	SB-113 (0-0.5')	82	92	84	93
360-34196-6	SB-113 (1.0-2.0')	95	101	94	97
360-34196-7	SB-114 (0-0.5')	100	98	93	105
360-34196-8	SB-114 (1.0-2.0')	100	88	92	96
360-34196-9	SB-115 (0-0.5')	82	99	88	90
360-34196-10	SB-115 (1.0-2.0')	103	99	100	103
360-34196-11	SB-116 (0-0.5')	87	95	93	94
360-34196-12	SB-116 (1.0-2.0')	95	91	94	95
360-34196-13	SB-117 (0-0.5')	86	86	83	89
360-34196-14	SB-117 (1.0-2.0')	98	79	93	88
360-34196-15	SB-118 (0-0.5')	98	87	99	100
360-34196-16	SB-118 (1.0-2.0')	81	84	85	90
360-34196-17	SB-119 (0-0.5')	101	98	103	98
360-34196-18	SB-119 (1.0-2.0')	176 X	194 X	89	90
360-34196-19	SB-120 (0-0.5')	101	100	99	106
360-34196-20	SB-120 (1.0-2.0')	82	96	88	98
360-34196-21	DUPLICATE-8	82	92	87	93
360-34196-21 MS	DUPLICATE-8	92	81	90	91
360-34196-21 MSD	DUPLICATE-8	104	96	109	105
LCS 360-74813/2-A	Lab Control Sample	121	97	91	92
LCS 360-74848/2-A	Lab Control Sample	113	111	80	76
LCSD 360-74813/3-A	Lab Control Sample Dup	133	102	93	93
LCSD 360-74848/3-A	Lab Control Sample Dup	108	115	72	77
MB 360-74813/1-A	Method Blank	122	94	99	98
MB 360-74848/1-A	Method Blank	96	106	68	96

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74813/1-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1221	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1232	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1242	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1248	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1254	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1260	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1262	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1
PCB-1268	ND		100		ug/Kg		06/07/11 10:48	06/07/11 11:40	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		30 - 150	06/07/11 10:48	06/07/11 11:40	1
DCB Decachlorobiphenyl	94		30 - 150	06/07/11 10:48	06/07/11 11:40	1
Tetrachloro-m-xylene	99		30 - 150	06/07/11 10:48	06/07/11 11:40	1
Tetrachloro-m-xylene	98		30 - 150	06/07/11 10:48	06/07/11 11:40	1

Lab Sample ID: LCS 360-74813/2-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	558		ug/Kg		112	40 - 140
PCB-1260	500	597		ug/Kg		119	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	121		30 - 150
DCB Decachlorobiphenyl	97		30 - 150
Tetrachloro-m-xylene	91		30 - 150
Tetrachloro-m-xylene	92		30 - 150

Lab Sample ID: LCSD 360-74813/3-A

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	599		ug/Kg		120	40 - 140	7	30
PCB-1260	500	672		ug/Kg		134	40 - 140	12	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	133		30 - 150
DCB Decachlorobiphenyl	102		30 - 150
Tetrachloro-m-xylene	93		30 - 150
Tetrachloro-m-xylene	93		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34196-1 MS

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: SB-111 (0-0.5')

Prep Type: Total/NA

Prep Batch: 74813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	ND		578	558		ug/Kg	☼	97	40 - 140
PCB-1260	ND		578	432		ug/Kg	☼	75	40 - 140
Surrogate	MS % Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	77		30 - 150						
DCB Decachlorobiphenyl	60		30 - 150						
Tetrachloro-m-xylene	76		30 - 150						
Tetrachloro-m-xylene	79		30 - 150						

Lab Sample ID: 360-34196-1 MSD

Matrix: Solid

Analysis Batch: 74808

Client Sample ID: SB-111 (0-0.5')

Prep Type: Total/NA

Prep Batch: 74813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		606	605		ug/Kg	☼	100	40 - 140	8	50
PCB-1260	ND		606	520		ug/Kg	☼	86	40 - 140	18	50
Surrogate	MSD % Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	91		30 - 150								
DCB Decachlorobiphenyl	69		30 - 150								
Tetrachloro-m-xylene	89		30 - 150								
Tetrachloro-m-xylene	90		30 - 150								

Lab Sample ID: MB 360-74848/1-A

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1221	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1232	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1242	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1248	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1254	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1260	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1262	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
PCB-1268	ND		100		ug/Kg		06/07/11 16:30	06/10/11 16:16	1
Surrogate	MB % Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		30 - 150				06/07/11 16:30	06/10/11 16:16	1
DCB Decachlorobiphenyl	106		30 - 150				06/07/11 16:30	06/10/11 16:16	1
Tetrachloro-m-xylene	68		30 - 150				06/07/11 16:30	06/10/11 16:16	1
Tetrachloro-m-xylene	96		30 - 150				06/07/11 16:30	06/10/11 16:16	1

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 360-74848/2-A

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74848

			Spike	LCS	LCS	% Rec.					
Analyte			Added	Result	Qualifier	Unit	D	% Rec	Limits		
PCB-1016			500	441		ug/Kg		88	40 - 140		
PCB-1260			500	497		ug/Kg		99	40 - 140		
		LCS	LCS								
Surrogate		% Recovery	Qualifier	Limits							
DCB Decachlorobiphenyl		113		30 - 150							
DCB Decachlorobiphenyl		111		30 - 150							
Tetrachloro-m-xylene		80		30 - 150							
Tetrachloro-m-xylene		76		30 - 150							

Lab Sample ID: LCSD 360-74848/3-A

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74848

Analyte			Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
PCB-1016			500	412		ug/Kg		82	40 - 140	7	30
PCB-1260			500	506		ug/Kg		101	40 - 140	2	30
Surrogate	LCSD		LCSD								
	% Recovery	Qualifier	Limits								
	DCB Decachlorobiphenyl	108		30 - 150							
	DCB Decachlorobiphenyl	115		30 - 150							
	Tetrachloro-m-xylene	72		30 - 150							
	Tetrachloro-m-xylene	77		30 - 150							

Lab Sample ID: 360-34196-21 MS

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: DUPLICATE-8

Prep Type: Total/NA

Prep Batch: 74848

	Sample	Sample	Spike	MS	MS				% Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits		
PCB-1016	1400		515	3420	F	ug/Kg	☼	384	40 - 140		
PCB-1260	ND		515	486		ug/Kg	☼	94	40 - 140		
	MS	MS									
Surrogate	% Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl	92		30 - 150								
DCB Decachlorobiphenyl	81		30 - 150								
Tetrachloro-m-xylene	90		30 - 150								
Tetrachloro-m-xylene	91		30 - 150								

Lab Sample ID: 360-34196-21 MSD

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: DUPLICATE-8

Prep Type: Total/NA

Prep Batch: 74848

	Sample	Sample	Spike	MSD	MSD				% Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit
PCB-1016	1400		512	2130		ug/Kg	☼	133	40 - 140	47	50
PCB-1260	ND		512	558		ug/Kg	☼	109	40 - 140	14	50
	MSD	MSD									
Surrogate	% Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl	104		30 - 150								
DCB Decachlorobiphenyl	96		30 - 150								

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34196-21 MSD

Matrix: Solid

Analysis Batch: 75069

Client Sample ID: DUPLICATE-8

Prep Type: Total/NA

Prep Batch: 74848

	MSD	MSD	
Surrogate	% Recovery	Qualifier	Limits
Tetrachloro-m-xylene	109		30 - 150
Tetrachloro-m-xylene	105		30 - 150

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34196-10 DU

Matrix: Solid

Analysis Batch: 75215

Client Sample ID: SB-115 (1.0-2.0')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	32		27		%		18	20
Percent Solids	68		73		%		7	20

Lab Sample ID: 360-34196-6 DU

Matrix: Solid

Analysis Batch: 75262

Client Sample ID: SB-113 (1.0-2.0')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	14		15		%		8	20
Percent Solids	86		85		%		1	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-111 (0-0.5')

Date Collected: 05/30/11 11:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-1

Matrix: Solid

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74813	06/07/11 10:48	OG	TAL WFD
Total/NA	Analysis	8082		1	74808	06/07/11 13:25	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-111 (1.0-2.0')

Date Collected: 05/30/11 11:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-2

Matrix: Solid

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 17:29	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-112 (0-0.5')

Date Collected: 05/30/11 12:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-3

Matrix: Solid

Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 17:54	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-112 (1.0-2.0')

Date Collected: 05/30/11 12:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-4

Matrix: Solid

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 18:18	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-113 (0-0.5')

Date Collected: 05/30/11 12:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-5

Matrix: Solid

Percent Solids: 72.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 18:43	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-113 (1.0-2.0')

Date Collected: 05/30/11 12:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-6

Matrix: Solid

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 19:07	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75262	06/15/11 10:03	EMN	TAL WFD

Client Sample ID: SB-114 (0-0.5')

Date Collected: 05/30/11 12:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-7

Matrix: Solid

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 19:32	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-114 (1.0-2.0')

Date Collected: 05/30/11 12:40

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-8

Matrix: Solid

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 19:56	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-115 (0-0.5')

Date Collected: 05/30/11 12:50

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-9

Matrix: Solid

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 20:21	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-115 (1.0-2.0')

Date Collected: 05/30/11 13:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-10

Matrix: Solid

Percent Solids: 68.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 20:45	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-116 (0-0.5')

Date Collected: 05/30/11 13:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-11

Matrix: Solid

Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 21:10	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-116 (1.0-2.0')

Date Collected: 05/30/11 13:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-12

Matrix: Solid

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 21:34	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-117 (0-0.5')

Date Collected: 05/30/11 13:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-13

Matrix: Solid

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 21:59	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-117 (1.0-2.0')

Date Collected: 05/30/11 13:45

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-14

Matrix: Solid

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 22:23	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-118 (0-0.5')

Date Collected: 05/30/11 14:00

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-15

Matrix: Solid

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 22:47	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: SB-118 (1.0-2.0')

Date Collected: 05/30/11 14:05

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-16

Matrix: Solid

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/10/11 23:12	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-119 (0-0.5')

Date Collected: 05/30/11 14:10

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-17

Matrix: Solid

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/11/11 00:25	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-119 (1.0-2.0')

Date Collected: 05/30/11 14:15

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-18

Matrix: Solid

Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/11/11 00:50	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-120 (0-0.5')

Date Collected: 05/30/11 14:20

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-19

Matrix: Solid

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/11/11 01:14	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Client Sample ID: SB-120 (1.0-2.0')

Date Collected: 05/30/11 14:30

Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-20

Matrix: Solid

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/11/11 01:39	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Client Sample ID: DUPLICATE-8
Date Collected: 05/30/11 12:00
Date Received: 06/03/11 10:10

Lab Sample ID: 360-34196-21
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			74848	06/07/11 16:30	BRB	TAL WFD
Total/NA	Analysis	8082		1	75069	06/11/11 02:03	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75215	06/14/11 15:19	MJM	TAL WFD

Laboratory References:
TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000



Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34196-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34196-1

Login Number: 34196

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>SHAWN DONOVAN</u>		Lab PM: <u>BECKY MASON</u>		Carrier Tracking No(s):		COC No: <u>013701</u>	
Client Contact: <u>KEVIN McALEER</u>		Phone: <u>802-922-3447</u>		E-Mail:		Page: <u>1 of 2</u>		Job: <u>810-341618</u>	
Company: <u>WSE</u>		Due Date Requested:		Analysis Requested		Total Number of Containers		Special Instructions/Note:	
Address: <u>P.O. Box 189</u>		TAT Requested (days):		Field Filled Sample?		Perform MSMSD?		Preservation Codes:	
City: <u>WATERBURY</u>		Quote #:		Matrix		Sample Type		A - HCL	
State, Zip: <u>VT, 05676</u>		PO #:		(W-water, S-solid, O-waste/oil, BT-Tissue, J-Air)		(C-comp, G=grab)		B - NaOH	
Phone: <u>802-244-5051</u>		SSOW#:		Sample Date		Sample Time		C - Zn Acetate	
Email: <u>McALEER@WSEINC-CAM</u>		Project Name/Number: <u>MW GAKT MIL-CREAMERY</u>		Preservation Code:		Sample Date		D - Nitric Acid	
Site:		Sample Date		Sample Time		Sample Date		E - NaHSO4	
Sample Identification		Sample Date		Sample Time		Sample Date		F - MeOH	
SB-111 (0-0.5')		5/30/11		1140		C		H - Ascorbic Acid	
SB-111 (1.0-2.0')		1150		1150		C		I - Ice	
SB-112 (0-0.5')		1200		1200		C		Regulatory programs:	
SB-112 (1.0-2.0')		1210		1210		C		MCP ☐ GW1/S1	
SB-113 (0-0.5')		1215		1215		C		RCP ☐ CT RSR	
SB-113 (1.0-2.0')		1220		1220		C		DEF Form ☐ EDD Required ☐	
SB-114 (0-0.5')		1230		1230		C			
SB-114 (1.0-2.0')		1240		1240		C			
SB-115 (0-0.5')		1250		1250		C			
SB-115 (1.0-2.0')		1300		1300		C			
Possible Hazard Identification		Poison B ☒ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐		Special Instructions/QC Requirements:					
Relinquished by: <u>[Signature]</u>		Date/Time: <u>6/2/11 0830</u>		Received by: <u>[Signature]</u>		Date/Time: <u>6/2/11 1010</u>		Company: <u>WSE</u>	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>54/118</u>					

Client Information		Sample: SHAWN DANDAN		Becky Wilson		Carrier Tracking No(s):		COC No: 013599	
Client Contact:		Phone: 802-922-3477		E-Mail:				Page: 2 of 2	
Company:								Job #: 36002674	
Address:								Preservation Codes:	
City:								A - HCL J - DI Water	
State, Zip:								B - NaOH M - Hexane	
Phone:								C - Zn Acetate N - None	
Email:								D - Nitric Acid P - Na2O4S	
Project Name/number:								E - NaHSO4 Q - Na2SO3	
Site:								F - MeOH R - Na2S2O3	
								H - Ascorbic Acid S - H2SO4	
								I - Ice Z - other (specify)	
								Regulatory programs:	
								MCP ☐ GW1/S1 ☐	
								RCP ☐ CT RSR ☐	
								DEP Form ☐ EDD Required ☐	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (W=Water, S=solid, O=water/Oil, BT=Butter, A=Air)	
SB-116 (0-0.5')		5/24/11		1310		C		S	
SB-116 (1.0-2.0')				1315					
SB-117 (0-0.5')				1330					
SB-117 (1.0-2.0')				1345					
SB-118 (0-0.5')				1400					
SB-118 (1.0-2.0')				1405					
SB-119 (0-0.5')				1410					
SB-119 (1.0-2.0')				1415					
SB-120 (0-0.5')				1420					
SB-120 (1.0-2.0')				1430					
DUPLICATE - B				1400					
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant		☐ Poison B ☒ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)									
Inquired by: [Signature]		Date/Time: 6/24/11 0830		Company: USE		Receiving by: [Signature]		Date/Time: 7/21/11 1010	
Inquired by: [Signature]		Date/Time:		Company:		Received by:		Date/Time:	
Inquired by: [Signature]		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seal No.: Δ Yes Δ No		Custody Seal Intact:		Cooler Temperature(s) °C and Other Remarks: 5.4/10					

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34261-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/21/2011 02:33:38 PM

James Wickham

Technology Manager

jamie.wickham@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

LINKS

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www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Job ID: 360-34261-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/07/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.6 C.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GB1-109 (0-0.5') (360-34261-1), GB1-110 (0-0.5') (360-34261-2), GB1-111 (0-0.5') (360-34261-3), GB1-112 (0-0.5') (360-34261-4), GB1-113 (0-0.5') (360-34261-5), GB1-114 (0-0.5') (360-34261-6), GB1-115 (0-0.5') (360-34261-7), GB1-116 (0-0.5') (360-34261-8), GB1-117 (0-0.5') (360-34261-9), GB1-118 (0-0.5') (360-34261-10), GB1-119 (0-0.5') (360-34261-14) and DUPLICATE-9 (360-34261-15) were analyzed for polychlorinated biphenyls (PCBs) in accordance with SW846 8082. The samples were prepared on 06/13/2011 and analyzed on 06/14/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for GB1-109 (0-0.5') (360-34261-1), GB1-110 (0-0.5') (360-34261-2), GB1-111 (0-0.5') (360-34261-3), GB1-112 (0-0.5') (360-34261-4). Recoveries for GB1-109 (0-0.5') (360-34261-1), GB1-110 (0-0.5') (360-34261-2) and GB1-111 (0-0.5') (360-34261-3) may be biased due to the presence of PCB-1268. Matrix interference was evident in sample GB1-112 (0-0.5') (360-34261-4). Refer to the QC report for details.

PCB-1016 failed the criteria high for the opening CCV (primary column only).

Sample GB1-111 (0-0.5') (360-34261-3)[5X] required dilution prior to analysis due to high target concentration. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples EQUIPMENT BLANK-4 (360-34261-11), EQUIPMENT BLANK-5 (360-34261-12), EQUIPMENT BLANK-6 (360-34261-13) and EQUIPMENT BLANK-7 (360-34261-16) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 06/07/2011 and analyzed on 06/10/2011.

PCB-1016, PCB-1260 and Tetrachloro-m-xylene failed the criteria high for the opening CCV (primary column only).

Samples EQUIPMENT BLANK-4 (360-34261-11), EQUIPMENT BLANK-5 (360-34261-12), EQUIPMENT BLANK-6 (360-34261-13) and EQUIPMENT BLANK-7 (360-34261-16): Per client QAPP, a 14 day holdtime is allowed for the PCB sample extraction.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB1-109 (0-0.5') (360-34261-1), GB1-110 (0-0.5') (360-34261-2), GB1-111 (0-0.5') (360-34261-3), GB1-112 (0-0.5') (360-34261-4), GB1-113 (0-0.5') (360-34261-5), GB1-114 (0-0.5') (360-34261-6), GB1-115 (0-0.5') (360-34261-7), GB1-116 (0-0.5') (360-34261-8), GB1-117 (0-0.5') (360-34261-9), GB1-118 (0-0.5') (360-34261-10), GB1-119 (0-0.5') (360-34261-14) and DUPLICATE-9

TestAmerica Westfield

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Job ID: 360-34261-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

(360-34261-15) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/18/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Client Sample ID: GB1-109 (0-0.5')

Lab Sample ID: 360-34261-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1262	210		140		ug/Kg	1	✱	8082	Total/NA
PCB-1268	180		140		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: GB1-110 (0-0.5')

Lab Sample ID: 360-34261-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1262	1000		120		ug/Kg	1	✱	8082	Total/NA
PCB-1268	650		120		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: GB1-111 (0-0.5')

Lab Sample ID: 360-34261-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	9300		880		ug/Kg	5	✱	8082	Total/NA
PCB-1268	1200		880		ug/Kg	5	✱	8082	Total/NA

Client Sample ID: GB1-112 (0-0.5')

Lab Sample ID: 360-34261-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1200		160		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: GB1-113 (0-0.5')

Lab Sample ID: 360-34261-5

No Detections.

Client Sample ID: GB1-114 (0-0.5')

Lab Sample ID: 360-34261-6

No Detections.

Client Sample ID: GB1-115 (0-0.5')

Lab Sample ID: 360-34261-7

No Detections.

Client Sample ID: GB1-116 (0-0.5')

Lab Sample ID: 360-34261-8

No Detections.

Client Sample ID: GB1-117 (0-0.5')

Lab Sample ID: 360-34261-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	750		110		ug/Kg	1	✱	8082	Total/NA

Client Sample ID: GB1-118 (0-0.5')

Lab Sample ID: 360-34261-10

No Detections.

Client Sample ID: EQUIPMENT BLANK-4

Lab Sample ID: 360-34261-11

No Detections.

Client Sample ID: EQUIPMENT BLANK-5

Lab Sample ID: 360-34261-12

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Client Sample ID: EQUIPMENT BLANK-6

Lab Sample ID: 360-34261-13

No Detections.

Client Sample ID: GB1-119 (0-0.5')

Lab Sample ID: 360-34261-14

No Detections.

Client Sample ID: DUPLICATE-9

Lab Sample ID: 360-34261-15

No Detections.

Client Sample ID: EQUIPMENT BLANK-7

Lab Sample ID: 360-34261-16

No Detections.

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Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34261-1	GB1-109 (0-0.5')	Solid	06/06/11 11:35	06/07/11 10:10
360-34261-2	GB1-110 (0-0.5')	Solid	06/06/11 11:45	06/07/11 10:10
360-34261-3	GB1-111 (0-0.5')	Solid	06/06/11 11:50	06/07/11 10:10
360-34261-4	GB1-112 (0-0.5')	Solid	06/06/11 11:55	06/07/11 10:10
360-34261-5	GB1-113 (0-0.5')	Solid	06/06/11 12:05	06/07/11 10:10
360-34261-6	GB1-114 (0-0.5')	Solid	06/06/11 12:10	06/07/11 10:10
360-34261-7	GB1-115 (0-0.5')	Solid	06/06/11 12:20	06/07/11 10:10
360-34261-8	GB1-116 (0-0.5')	Solid	06/06/11 12:26	06/07/11 10:10
360-34261-9	GB1-117 (0-0.5')	Solid	06/06/11 12:32	06/07/11 10:10
360-34261-10	GB1-118 (0-0.5')	Solid	06/06/11 12:40	06/07/11 10:10
360-34261-11	EQUIPMENT BLANK-4	Water	05/27/11 13:30	06/07/11 10:10
360-34261-12	EQUIPMENT BLANK-5	Water	05/27/11 15:20	06/07/11 10:10
360-34261-13	EQUIPMENT BLANK-6	Water	05/30/11 14:40	06/07/11 10:10
360-34261-14	GB1-119 (0-0.5')	Solid	06/06/11 12:50	06/07/11 10:10
360-34261-15	DUPLICATE-9	Solid	06/06/11 12:00	06/07/11 10:10
360-34261-16	EQUIPMENT BLANK-7	Water	06/06/11 13:20	06/07/11 10:10

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB1-109 (0-0.5')

Date Collected: 06/06/11 11:35

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-1

Matrix: Solid

Percent Solids: 69.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1221	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1232	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1242	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1248	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1254	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1260	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1262	210		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
PCB-1268	180		140		ug/Kg	✱	06/13/11 15:22	06/14/11 12:38	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	525	X	30 - 150				06/13/11 15:22	06/14/11 12:38	1
DCB Decachlorobiphenyl	443	X	30 - 150				06/13/11 15:22	06/14/11 12:38	1
Tetrachloro-m-xylene	91		30 - 150				06/13/11 15:22	06/14/11 12:38	1
Tetrachloro-m-xylene	87		30 - 150				06/13/11 15:22	06/14/11 12:38	1

Client Sample ID: GB1-110 (0-0.5')

Date Collected: 06/06/11 11:45

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-2

Matrix: Solid

Percent Solids: 74.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1221	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1232	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1242	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1248	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1254	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1260	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1262	1000		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
PCB-1268	650		120		ug/Kg	✱	06/13/11 15:22	06/14/11 13:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	213	X	30 - 150				06/13/11 15:22	06/14/11 13:00	1
DCB Decachlorobiphenyl	179	X	30 - 150				06/13/11 15:22	06/14/11 13:00	1
Tetrachloro-m-xylene	78		30 - 150				06/13/11 15:22	06/14/11 13:00	1
Tetrachloro-m-xylene	72		30 - 150				06/13/11 15:22	06/14/11 13:00	1

Client Sample ID: GB1-111 (0-0.5')

Date Collected: 06/06/11 11:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-3

Matrix: Solid

Percent Solids: 55.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1221	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1232	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1242	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1248	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1254	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1260	9300		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1262	ND		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
PCB-1268	1200		880		ug/Kg	✱	06/13/11 15:22	06/14/11 17:41	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	180	X	30 - 150				06/13/11 15:22	06/14/11 17:41	5

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-111 (0-0.5')

Date Collected: 06/06/11 11:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-3

Matrix: Solid

Percent Solids: 55.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	187	X	30 - 150	06/13/11 15:22	06/14/11 17:41	5
Tetrachloro-m-xylene	105		30 - 150	06/13/11 15:22	06/14/11 17:41	5
Tetrachloro-m-xylene	77		30 - 150	06/13/11 15:22	06/14/11 17:41	5

Client Sample ID: GB1-112 (0-0.5')

Date Collected: 06/06/11 11:55

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-4

Matrix: Solid

Percent Solids: 62.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1221	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1232	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1242	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1248	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1254	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1260	1200		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1262	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1
PCB-1268	ND		160		ug/Kg	✱	06/13/11 15:22	06/14/11 13:43	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	152	X	30 - 150	06/13/11 15:22	06/14/11 13:43	1
DCB Decachlorobiphenyl	140		30 - 150	06/13/11 15:22	06/14/11 13:43	1
Tetrachloro-m-xylene	70		30 - 150	06/13/11 15:22	06/14/11 13:43	1
Tetrachloro-m-xylene	79		30 - 150	06/13/11 15:22	06/14/11 13:43	1

Client Sample ID: GB1-113 (0-0.5')

Date Collected: 06/06/11 12:05

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-5

Matrix: Solid

Percent Solids: 71.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1221	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1232	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1242	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1248	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1254	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1260	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1262	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1
PCB-1268	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 14:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		30 - 150	06/13/11 15:22	06/14/11 14:05	1
DCB Decachlorobiphenyl	92		30 - 150	06/13/11 15:22	06/14/11 14:05	1
Tetrachloro-m-xylene	96		30 - 150	06/13/11 15:22	06/14/11 14:05	1
Tetrachloro-m-xylene	97		30 - 150	06/13/11 15:22	06/14/11 14:05	1

Client Sample ID: GB1-114 (0-0.5')

Date Collected: 06/06/11 12:10

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-6

Matrix: Solid

Percent Solids: 69.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 14:26	1
PCB-1221	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 14:26	1
PCB-1232	ND		140		ug/Kg	✱	06/13/11 15:22	06/14/11 14:26	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-114 (0-0.5')

Date Collected: 06/06/11 12:10

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-6

Matrix: Solid

Percent Solids: 69.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1
PCB-1248	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1
PCB-1254	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1
PCB-1260	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1
PCB-1262	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1
PCB-1268	ND		140		ug/Kg	☼	06/13/11 15:22	06/14/11 14:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		30 - 150	06/13/11 15:22	06/14/11 14:26	1
DCB Decachlorobiphenyl	102		30 - 150	06/13/11 15:22	06/14/11 14:26	1
Tetrachloro-m-xylene	116		30 - 150	06/13/11 15:22	06/14/11 14:26	1
Tetrachloro-m-xylene	107		30 - 150	06/13/11 15:22	06/14/11 14:26	1

Client Sample ID: GB1-115 (0-0.5')

Date Collected: 06/06/11 12:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-7

Matrix: Solid

Percent Solids: 67.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1221	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1232	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1242	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1248	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1254	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1260	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1262	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1
PCB-1268	ND		150		ug/Kg	☼	06/13/11 15:22	06/14/11 14:48	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		30 - 150	06/13/11 15:22	06/14/11 14:48	1
DCB Decachlorobiphenyl	95		30 - 150	06/13/11 15:22	06/14/11 14:48	1
Tetrachloro-m-xylene	78		30 - 150	06/13/11 15:22	06/14/11 14:48	1
Tetrachloro-m-xylene	84		30 - 150	06/13/11 15:22	06/14/11 14:48	1

Client Sample ID: GB1-116 (0-0.5')

Date Collected: 06/06/11 12:26

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-8

Matrix: Solid

Percent Solids: 80.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1221	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1232	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1242	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1248	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1254	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1260	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1262	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1
PCB-1268	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 15:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	129		30 - 150	06/13/11 15:22	06/14/11 15:10	1
DCB Decachlorobiphenyl	103		30 - 150	06/13/11 15:22	06/14/11 15:10	1
Tetrachloro-m-xylene	82		30 - 150	06/13/11 15:22	06/14/11 15:10	1
Tetrachloro-m-xylene	91		30 - 150	06/13/11 15:22	06/14/11 15:10	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GB1-117 (0-0.5')

Date Collected: 06/06/11 12:32

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-9

Matrix: Solid

Percent Solids: 90.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1221	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1232	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1242	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1248	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1254	750		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1260	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1262	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
PCB-1268	ND		110		ug/Kg	✱	06/13/11 15:22	06/14/11 15:31	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		30 - 150				06/13/11 15:22	06/14/11 15:31	1
DCB Decachlorobiphenyl	87		30 - 150				06/13/11 15:22	06/14/11 15:31	1
Tetrachloro-m-xylene	87		30 - 150				06/13/11 15:22	06/14/11 15:31	1
Tetrachloro-m-xylene	87		30 - 150				06/13/11 15:22	06/14/11 15:31	1

Client Sample ID: GB1-118 (0-0.5')

Date Collected: 06/06/11 12:40

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-10

Matrix: Solid

Percent Solids: 77.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1221	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1232	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1242	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1248	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1254	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1260	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1262	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
PCB-1268	ND		130		ug/Kg	✱	06/13/11 15:22	06/14/11 15:53	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		30 - 150				06/13/11 15:22	06/14/11 15:53	1
DCB Decachlorobiphenyl	87		30 - 150				06/13/11 15:22	06/14/11 15:53	1
Tetrachloro-m-xylene	84		30 - 150				06/13/11 15:22	06/14/11 15:53	1
Tetrachloro-m-xylene	78		30 - 150				06/13/11 15:22	06/14/11 15:53	1

Client Sample ID: EQUIPMENT BLANK-4

Date Collected: 05/27/11 13:30

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1221	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1232	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1242	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1248	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1254	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1260	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1262	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
PCB-1268	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:34	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		10 - 133				06/07/11 17:03	06/10/11 00:34	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: EQUIPMENT BLANK-4

Date Collected: 05/27/11 13:30

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-11

Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		10 - 133	06/07/11 17:03	06/10/11 00:34	1
Tetrachloro-m-xylene	95		36 - 121	06/07/11 17:03	06/10/11 00:34	1
Tetrachloro-m-xylene	83		36 - 121	06/07/11 17:03	06/10/11 00:34	1

Client Sample ID: EQUIPMENT BLANK-5

Date Collected: 05/27/11 15:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1221	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1232	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1242	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1248	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1254	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1260	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1262	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1
PCB-1268	ND		0.23		ug/L		06/07/11 17:03	06/10/11 00:55	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 133	06/07/11 17:03	06/10/11 00:55	1
DCB Decachlorobiphenyl	65		10 - 133	06/07/11 17:03	06/10/11 00:55	1
Tetrachloro-m-xylene	91		36 - 121	06/07/11 17:03	06/10/11 00:55	1
Tetrachloro-m-xylene	83		36 - 121	06/07/11 17:03	06/10/11 00:55	1

Client Sample ID: EQUIPMENT BLANK-6

Date Collected: 05/30/11 14:40

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1221	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1232	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1242	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1248	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1254	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1260	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1262	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1
PCB-1268	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:17	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		10 - 133	06/07/11 17:03	06/10/11 01:17	1
DCB Decachlorobiphenyl	66		10 - 133	06/07/11 17:03	06/10/11 01:17	1
Tetrachloro-m-xylene	94		36 - 121	06/07/11 17:03	06/10/11 01:17	1
Tetrachloro-m-xylene	88		36 - 121	06/07/11 17:03	06/10/11 01:17	1

Client Sample ID: GB1-119 (0-0.5')

Date Collected: 06/06/11 12:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-14

Matrix: Solid

Percent Solids: 78.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 16:15	1
PCB-1221	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 16:15	1
PCB-1232	ND		120		ug/Kg	✱	06/13/11 15:22	06/14/11 16:15	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: GB1-119 (0-0.5')

Date Collected: 06/06/11 12:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-14

Matrix: Solid

Percent Solids: 78.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1
PCB-1248	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1
PCB-1254	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1
PCB-1260	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1
PCB-1262	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1
PCB-1268	ND		120		ug/Kg	☼	06/13/11 15:22	06/14/11 16:15	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		30 - 150	06/13/11 15:22	06/14/11 16:15	1
DCB Decachlorobiphenyl	97		30 - 150	06/13/11 15:22	06/14/11 16:15	1
Tetrachloro-m-xylene	96		30 - 150	06/13/11 15:22	06/14/11 16:15	1
Tetrachloro-m-xylene	91		30 - 150	06/13/11 15:22	06/14/11 16:15	1

Client Sample ID: DUPLICATE-9

Date Collected: 06/06/11 12:00

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-15

Matrix: Solid

Percent Solids: 89.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1221	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1232	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1242	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1248	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1254	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1260	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1262	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1
PCB-1268	ND		100		ug/Kg	☼	06/13/11 15:22	06/14/11 16:36	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		30 - 150	06/13/11 15:22	06/14/11 16:36	1
DCB Decachlorobiphenyl	100		30 - 150	06/13/11 15:22	06/14/11 16:36	1
Tetrachloro-m-xylene	103		30 - 150	06/13/11 15:22	06/14/11 16:36	1
Tetrachloro-m-xylene	97		30 - 150	06/13/11 15:22	06/14/11 16:36	1

Client Sample ID: EQUIPMENT BLANK-7

Date Collected: 06/06/11 13:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1221	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1232	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1242	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1248	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1254	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1260	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1262	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1
PCB-1268	ND		0.23		ug/L		06/07/11 17:03	06/10/11 01:39	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	111		10 - 133	06/07/11 17:03	06/10/11 01:39	1
DCB Decachlorobiphenyl	103		10 - 133	06/07/11 17:03	06/10/11 01:39	1
Tetrachloro-m-xylene	103		36 - 121	06/07/11 17:03	06/10/11 01:39	1
Tetrachloro-m-xylene	93		36 - 121	06/07/11 17:03	06/10/11 01:39	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

General Chemistry

Client Sample ID: GB1-109 (0-0.5')

Date Collected: 06/06/11 11:35

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	31		1.0		%			06/18/11 06:41	1
Percent Solids	69		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-110 (0-0.5')

Date Collected: 06/06/11 11:45

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	25		1.0		%			06/18/11 06:41	1
Percent Solids	75		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-111 (0-0.5')

Date Collected: 06/06/11 11:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	45		1.0		%			06/18/11 06:41	1
Percent Solids	55		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-112 (0-0.5')

Date Collected: 06/06/11 11:55

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	37		1.0		%			06/18/11 06:41	1
Percent Solids	63		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-113 (0-0.5')

Date Collected: 06/06/11 12:05

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		1.0		%			06/18/11 06:41	1
Percent Solids	72		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-114 (0-0.5')

Date Collected: 06/06/11 12:10

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	31		1.0		%			06/18/11 06:41	1
Percent Solids	69		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-115 (0-0.5')

Date Collected: 06/06/11 12:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	33		1.0		%			06/18/11 06:41	1
Percent Solids	67		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-116 (0-0.5')

Date Collected: 06/06/11 12:26

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0		%			06/18/11 06:41	1
Percent Solids	80		1.0		%			06/18/11 06:41	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

General Chemistry

Client Sample ID: GB1-117 (0-0.5')

Date Collected: 06/06/11 12:32

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/18/11 06:41	1
Percent Solids	90		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-118 (0-0.5')

Date Collected: 06/06/11 12:40

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	23		1.0		%			06/18/11 06:41	1
Percent Solids	77		1.0		%			06/18/11 06:41	1

Client Sample ID: GB1-119 (0-0.5')

Date Collected: 06/06/11 12:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	22		1.0		%			06/18/11 06:41	1
Percent Solids	78		1.0		%			06/18/11 06:41	1

Client Sample ID: DUPLICATE-9

Date Collected: 06/06/11 12:00

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		1.0		%			06/18/11 06:41	1
Percent Solids	90		1.0		%			06/18/11 06:41	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

GC Semi VOA

Prep Batch: 74825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74825/1-A	Method Blank	Total/NA	Water	3510C	
LCS 360-74825/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 360-74825/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
360-34261-11	EQUIPMENT BLANK-4	Total/NA	Water	3510C	
360-34261-12	EQUIPMENT BLANK-5	Total/NA	Water	3510C	
360-34261-13	EQUIPMENT BLANK-6	Total/NA	Water	3510C	
360-34261-16	EQUIPMENT BLANK-7	Total/NA	Water	3510C	

Analysis Batch: 74966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-74825/1-A	Method Blank	Total/NA	Water	8082	74825
LCS 360-74825/2-A	Lab Control Sample	Total/NA	Water	8082	74825
LCSD 360-74825/3-A	Lab Control Sample Dup	Total/NA	Water	8082	74825
360-34261-11	EQUIPMENT BLANK-4	Total/NA	Water	8082	74825
360-34261-12	EQUIPMENT BLANK-5	Total/NA	Water	8082	74825
360-34261-13	EQUIPMENT BLANK-6	Total/NA	Water	8082	74825
360-34261-16	EQUIPMENT BLANK-7	Total/NA	Water	8082	74825

Prep Batch: 75164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75164/1-A	Method Blank	Total/NA	Solid	3540C	
LCS 360-75164/2-A	Lab Control Sample	Total/NA	Solid	3540C	
LCSD 360-75164/3-A	Lab Control Sample Dup	Total/NA	Solid	3540C	
360-34261-1	GB1-109 (0-0.5')	Total/NA	Solid	3540C	
360-34261-2	GB1-110 (0-0.5')	Total/NA	Solid	3540C	
360-34261-3	GB1-111 (0-0.5')	Total/NA	Solid	3540C	
360-34261-4	GB1-112 (0-0.5')	Total/NA	Solid	3540C	
360-34261-5	GB1-113 (0-0.5')	Total/NA	Solid	3540C	
360-34261-6	GB1-114 (0-0.5')	Total/NA	Solid	3540C	
360-34261-7	GB1-115 (0-0.5')	Total/NA	Solid	3540C	
360-34261-8	GB1-116 (0-0.5')	Total/NA	Solid	3540C	
360-34261-9	GB1-117 (0-0.5')	Total/NA	Solid	3540C	
360-34261-10	GB1-118 (0-0.5')	Total/NA	Solid	3540C	
360-34261-14	GB1-119 (0-0.5')	Total/NA	Solid	3540C	
360-34261-15	DUPLICATE-9	Total/NA	Solid	3540C	
360-34261-9 MS	GB1-117 (0-0.5')	Total/NA	Solid	3540C	
360-34261-9 MSD	GB1-117 (0-0.5')	Total/NA	Solid	3540C	

Analysis Batch: 75202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75164/1-A	Method Blank	Total/NA	Solid	8082	75164
LCS 360-75164/2-A	Lab Control Sample	Total/NA	Solid	8082	75164
LCSD 360-75164/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	75164
360-34261-1	GB1-109 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-2	GB1-110 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-4	GB1-112 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-5	GB1-113 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-6	GB1-114 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-7	GB1-115 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-8	GB1-116 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-9	GB1-117 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-10	GB1-118 (0-0.5')	Total/NA	Solid	8082	75164

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

GC Semi VOA (Continued)

Analysis Batch: 75202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34261-14	GB1-119 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-15	DUPLICATE-9	Total/NA	Solid	8082	75164
360-34261-9 MS	GB1-117 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-9 MSD	GB1-117 (0-0.5')	Total/NA	Solid	8082	75164
360-34261-3	GB1-111 (0-0.5')	Total/NA	Solid	8082	75164

General Chemistry

Analysis Batch: 75467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34261-1	GB1-109 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-1 DU	GB1-109 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-2	GB1-110 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-3	GB1-111 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-4	GB1-112 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-5	GB1-113 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-6	GB1-114 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-7	GB1-115 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-8	GB1-116 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-9	GB1-117 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-10	GB1-118 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-14	GB1-119 (0-0.5')	Total/NA	Solid	Moisture	
360-34261-15	DUPLICATE-9	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-150)	DCB2 (30-150)	TCX1 (30-150)	TCX2 (30-150)
360-34261-1	GB1-109 (0-0.5')	525 X	443 X	91	87
360-34261-2	GB1-110 (0-0.5')	213 X	179 X	78	72
360-34261-3	GB1-111 (0-0.5')	180 X	187 X	105	77
360-34261-4	GB1-112 (0-0.5')	152 X	140	70	79
360-34261-5	GB1-113 (0-0.5')	94	92	96	97
360-34261-6	GB1-114 (0-0.5')	114	102	116	107
360-34261-7	GB1-115 (0-0.5')	128	95	78	84
360-34261-8	GB1-116 (0-0.5')	129	103	82	91
360-34261-9	GB1-117 (0-0.5')	92	87	87	87
360-34261-9 MS	GB1-117 (0-0.5')	109	100	91	89
360-34261-9 MSD	GB1-117 (0-0.5')	100	70	78	87
360-34261-10	GB1-118 (0-0.5')	96	87	84	78
360-34261-14	GB1-119 (0-0.5')	105	97	96	91
360-34261-15	DUPLICATE-9	110	100	103	97
LCS 360-75164/2-A	Lab Control Sample	112	101	92	82
LCSD 360-75164/3-A	Lab Control Sample Dup	113	105	94	85
MB 360-75164/1-A	Method Blank	120	114	86	81

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (10-133)	DCB2 (10-133)	TCX1 (36-121)	TCX2 (36-121)
360-34261-11	EQUIPMENT BLANK-4	80	73	95	83
360-34261-12	EQUIPMENT BLANK-5	67	65	91	83
360-34261-13	EQUIPMENT BLANK-6	70	66	94	88
360-34261-16	EQUIPMENT BLANK-7	111	103	103	93
LCS 360-74825/2-A	Lab Control Sample	78	70	96	84
LCSD 360-74825/3-A	Lab Control Sample Dup	97	86	98	81
MB 360-74825/1-A	Method Blank	84	81	94	83

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-74825/1-A

Matrix: Water

Analysis Batch: 74966

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 74825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1221	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1232	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1242	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1248	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1254	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1260	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1262	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1
PCB-1268	ND		0.25		ug/L		06/07/11 13:18	06/09/11 22:45	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		10 - 133	06/07/11 13:18	06/09/11 22:45	1
DCB Decachlorobiphenyl	81		10 - 133	06/07/11 13:18	06/09/11 22:45	1
Tetrachloro-m-xylene	94		36 - 121	06/07/11 13:18	06/09/11 22:45	1
Tetrachloro-m-xylene	83		36 - 121	06/07/11 13:18	06/09/11 22:45	1

Lab Sample ID: LCS 360-74825/2-A

Matrix: Water

Analysis Batch: 74966

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 74825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	2.50	2.82		ug/L		113	53 - 134
PCB-1260	2.50	2.61		ug/L		104	50 - 138

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	78		10 - 133
DCB Decachlorobiphenyl	70		10 - 133
Tetrachloro-m-xylene	96		36 - 121
Tetrachloro-m-xylene	84		36 - 121

Lab Sample ID: LCSD 360-74825/3-A

Matrix: Water

Analysis Batch: 74966

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 74825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	2.50	2.94		ug/L		118	53 - 134	4	20
PCB-1260	2.50	2.82		ug/L		113	50 - 138	8	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	97		10 - 133
DCB Decachlorobiphenyl	86		10 - 133
Tetrachloro-m-xylene	98		36 - 121
Tetrachloro-m-xylene	81		36 - 121

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 360-75164/1-A

Matrix: Solid

Analysis Batch: 75202

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1221	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1232	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1242	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1248	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1254	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1260	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1262	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1
PCB-1268	ND		100		ug/Kg		06/13/11 15:22	06/14/11 10:50	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	120		30 - 150	06/13/11 15:22	06/14/11 10:50	1
DCB Decachlorobiphenyl	114		30 - 150	06/13/11 15:22	06/14/11 10:50	1
Tetrachloro-m-xylene	86		30 - 150	06/13/11 15:22	06/14/11 10:50	1
Tetrachloro-m-xylene	81		30 - 150	06/13/11 15:22	06/14/11 10:50	1

Lab Sample ID: LCS 360-75164/2-A

Matrix: Solid

Analysis Batch: 75202

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	500	478		ug/Kg		96	40 - 140
PCB-1260	500	567		ug/Kg		113	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	112		30 - 150
DCB Decachlorobiphenyl	101		30 - 150
Tetrachloro-m-xylene	92		30 - 150
Tetrachloro-m-xylene	82		30 - 150

Lab Sample ID: LCSD 360-75164/3-A

Matrix: Solid

Analysis Batch: 75202

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	500	518		ug/Kg		104	40 - 140	8	30
PCB-1260	500	605		ug/Kg		121	40 - 140	6	30

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	113		30 - 150
DCB Decachlorobiphenyl	105		30 - 150
Tetrachloro-m-xylene	94		30 - 150
Tetrachloro-m-xylene	85		30 - 150

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 360-34261-9 MS

Matrix: Solid

Analysis Batch: 75202

Client Sample ID: GB1-117 (0-0.5')

Prep Type: Total/NA

Prep Batch: 75164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	ND		545	616		ug/Kg	☼	113	40 - 140
PCB-1260	ND		545	641		ug/Kg	☼	118	40 - 140
Surrogate	MS % Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	100		30 - 150						
DCB Decachlorobiphenyl	109		30 - 150						
Tetrachloro-m-xylene	89		30 - 150						
Tetrachloro-m-xylene	91		30 - 150						

Lab Sample ID: 360-34261-9 MSD

Matrix: Solid

Analysis Batch: 75202

Client Sample ID: GB1-117 (0-0.5')

Prep Type: Total/NA

Prep Batch: 75164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	ND		551	589		ug/Kg	☼	107	40 - 140	5	50
PCB-1260	ND		551	592		ug/Kg	☼	107	40 - 140	8	50
Surrogate	MSD % Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	70		30 - 150								
DCB Decachlorobiphenyl	100		30 - 150								
Tetrachloro-m-xylene	87		30 - 150								
Tetrachloro-m-xylene	78		30 - 150								

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34261-1 DU

Matrix: Solid

Analysis Batch: 75467

Client Sample ID: GB1-109 (0-0.5')

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	31		29		%		6	20
Percent Solids	69		71		%		3	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Client Sample ID: GB1-109 (0-0.5')

Date Collected: 06/06/11 11:35

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-1

Matrix: Solid

Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 12:38	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-110 (0-0.5')

Date Collected: 06/06/11 11:45

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-2

Matrix: Solid

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 13:00	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-111 (0-0.5')

Date Collected: 06/06/11 11:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-3

Matrix: Solid

Percent Solids: 55.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		5	75202	06/14/11 17:41	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-112 (0-0.5')

Date Collected: 06/06/11 11:55

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-4

Matrix: Solid

Percent Solids: 62.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 13:43	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-113 (0-0.5')

Date Collected: 06/06/11 12:05

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-5

Matrix: Solid

Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 14:05	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Client Sample ID: GB1-114 (0-0.5')

Date Collected: 06/06/11 12:10

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-6

Matrix: Solid

Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 14:26	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-115 (0-0.5')

Date Collected: 06/06/11 12:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-7

Matrix: Solid

Percent Solids: 67.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 14:48	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-116 (0-0.5')

Date Collected: 06/06/11 12:26

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-8

Matrix: Solid

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 15:10	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-117 (0-0.5')

Date Collected: 06/06/11 12:32

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-9

Matrix: Solid

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 15:31	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: GB1-118 (0-0.5')

Date Collected: 06/06/11 12:40

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-10

Matrix: Solid

Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 15:53	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Client Sample ID: EQUIPMENT BLANK-4

Date Collected: 05/27/11 13:30

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74825	06/07/11 17:03	OG	TAL WFD
Total/NA	Analysis	8082		1	74966	06/10/11 00:34	BRB	TAL WFD

Client Sample ID: EQUIPMENT BLANK-5

Date Collected: 05/27/11 15:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74825	06/07/11 17:03	OG	TAL WFD
Total/NA	Analysis	8082		1	74966	06/10/11 00:55	BRB	TAL WFD

Client Sample ID: EQUIPMENT BLANK-6

Date Collected: 05/30/11 14:40

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74825	06/07/11 17:03	OG	TAL WFD
Total/NA	Analysis	8082		1	74966	06/10/11 01:17	BRB	TAL WFD

Client Sample ID: GB1-119 (0-0.5')

Date Collected: 06/06/11 12:50

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-14

Matrix: Solid

Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 16:15	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: DUPLICATE-9

Date Collected: 06/06/11 12:00

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-15

Matrix: Solid

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			75164	06/13/11 15:22	BRB	TAL WFD
Total/NA	Analysis	8082		1	75202	06/14/11 16:36	BRB	TAL WFD
Total/NA	Analysis	Moisture		1	75467	06/18/11 06:41	EMN	TAL WFD

Client Sample ID: EQUIPMENT BLANK-7

Date Collected: 06/06/11 13:20

Date Received: 06/07/11 10:10

Lab Sample ID: 360-34261-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			74825	06/07/11 17:03	OG	TAL WFD
Total/NA	Analysis	8082		1	74966	06/10/11 01:39	BRB	TAL WFD

TestAmerica Westfield

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

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Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34261-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34261-1

Login Number: 34261

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information Client Contact: KEVIN McALPHER Company: WSE		Sampler: SHAWN DONOVAN Lab PM: Becky Mason		COC No: 013600 Page: 1 of 2	
Address: P.O. Box 189 City: Whitebury State, Zip: VT, 05676 Phone: 802-244-5051 Email: McALPHER@WSEINC.COM Project Name/Number: MUL CRISTMILL - CREAMERY Site: 36002674		Due Date Requested: TAT Requested (days): Quote #: PO #: WO #: SSOV#:		Camer Tracking No(s): Job #: 36002674	
Sample Identification		Analysis Requested		Preservation Codes: A - HCL J - DI Water B - NaOH M - Hexane C - Zn Acetate N - None D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 H - Ascorbic Acid S - H2SO4 I - Ice Z - Other (Specify)	
Sample ID: GB1-109 (0-0.5') GB1-110 (0-0.5') GB1-111 (0-0.5') GB1-112 (0-0.5') GB1-113 (0-0.5') GB1-114 (0-0.5') GB1-115 (0-0.5') GB1-116 (0-0.5') GB1-117 (0-0.5') GB1-118 (0-0.5')		Sample Date: 6/6/11 Sample Time: 1135 Sample Type: C Matrix: S		Total Number of Containers: 1 Special Instructions/Note:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☒ Unknown ☐ Radiological		Field Filtered Sample? ☒ Perform MS/MSD? ☒ Sampler's Initials: PCBS		Regulatory programs: MCP ☐ GW1/S1 ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		Special Instructions/QC Requirements:	
Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by:		Received by: WSE Received by: TABOR Received by:		Date/Time: 6/6/11 1630 Date/Time: 6/7/11 1010 Date/Time:	
Custody Seals Intact: Yes ☒ No ☐		Custody Seal No.: No seals		Cooler Temperature(s) °C and Other Remarks: 2.6°C / 37.1°C	

Chain of Custody Record

300-34201

Client Information		Sample # <u>SHAWN DONOVAN</u>		Lab PM <u>BECKY MASON</u>		Carrier Tracking No(s):		COC No: <u>013593</u>	
Client Contact <u>KEVIN McALEER</u>		Phone <u>802-922-3447</u>		E-Mail:		Page: <u>2 of 2</u>		Job #:	
Company: <u>WSE</u>		Due Date Requested:		Analysis Requested		Preservation Codes:		Regulatory programs:	
Address: <u>P.O. Box 189</u>		TAT Requested (days):		Field Filled Sample?		Total Number of containers		Special Instructions/Note:	
City: <u>WATERBURY</u>		Quote #:		Field Filled Sample?		Total Number of containers		Special Instructions/Note:	
State, Zip: <u>VT 05676</u>		PO #:		Field Filled Sample?		Total Number of containers		Special Instructions/Note:	
Phone: <u>802-244-5051</u>		WO #:		Field Filled Sample?		Total Number of containers		Special Instructions/Note:	
Email: <u>McALEERKE@WSEINC.COM</u>		SSOW#:		Field Filled Sample?		Total Number of containers		Special Instructions/Note:	
Project Name/Number: <u>NWL CRESTMIL-CREAMERY</u>		Sample Date		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=overhead, BT=issue, A=air)		Special Instructions/Note:	
Site: <u>36007674</u>		Sample Time		Sample Date		Matrix (W=water, S=solid, O=overhead, BT=issue, A=air)		Special Instructions/Note:	
Sample Identification		Sample Date		Sample Time		Matrix (W=water, S=solid, O=overhead, BT=issue, A=air)		Special Instructions/Note:	
EQUIPMENT BLANK - 4		5/27/11		1330		W		Special Instructions/Note:	
EQUIPMENT BLANK - 5		5/27/11		1520		W		Special Instructions/Note:	
EQUIPMENT BLANK - 6		5/30/11		1440		W		Special Instructions/Note:	
GB1-119 (0-0.5')		6/6/11		1250		S		Special Instructions/Note:	
DUPLICATE - 9		6/6/11		1200		S		Special Instructions/Note:	
EQUIPMENT BLANK - 7		6/6/11		1320		W		Special Instructions/Note:	
Possible Hazard Identification		Poison B		Unknown		Radiological		Special Instructions/Note:	
Non-Hazard		Flammable		Skin Irritant		Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note:	
Relinquished by		Date/Time		Date/Time		Date/Time		Special Instructions/Note:	
Relinquished by		6/6/11 @ 1630		WSE		Company		Special Instructions/Note:	
Relinquished by		6/6/11 @ 1641		TABOR		Company		Special Instructions/Note:	
Relinquished by		6/7/11 1010		TABOR		Company		Special Instructions/Note:	
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:		Special Instructions/Note:	
Yes		No		2.0°C / 0.1°C		2.0°C / 0.1°C		Special Instructions/Note:	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34412-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
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Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/27/2011 12:07:39 PM

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Designee for

Becky Mason

Project Manager II

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Job ID: 360-34412-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/11/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 3.8, 1.4, 4.8 and 5.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-101 (1.5-2.0') (360-34412-25), SB-102 (0-0.9') (360-34412-26), SB-103 (1.2-1.6') (360-34412-27), SB-104 (1.3-1.6') (360-34412-28) and DUPLICATE-1 (360-34412-29) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared and analyzed on 06/22/2011.

1,2,4-Trimethylbenzene failed the recovery criteria high for LCS 360-75787/1-A and LCSD 360-75787/2-A. Refer to the QC report for details.

1,2,4-Trimethylbenzene and 4-Methyl-2-pentanone (MIBK) failed the continuing calibration verification (CCV) criteria high.

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-102 (360-34412-21), SB-103 (360-34412-22), SB-104 (360-34412-23) and DUPLICATE-11 (360-34412-24) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/15/2011.

Bromoform and Methyl tert-butyl ether failed the recovery criteria high for LCS 360-75270/3. Bromoform failed the recovery criteria high for LCSD 360-75270/4. Refer to the QC report for details.

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-102 (360-34412-21), SB-103 (360-34412-22), SB-104 (360-34412-23) and DUPLICATE-11 (360-34412-24) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared and analyzed on 06/16/2011.

No difficulties were encountered during the SVOC analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples SB-102 (360-34412-21), SB-103 (360-34412-22), SB-104 (360-34412-23) and DUPLICATE-11 (360-34412-24) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 06/15/2011 and analyzed on 06/20/2011.

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Job ID: 360-34412-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

PCB-1260 and DCB Decachlorobiphenyl failed the criteria high for the closing continuing calibration verification (CCV) (primary column only).

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples GB4-26 (360-34412-1), GB3-33 (360-34412-2), GB2-43 (360-34412-3), GB1-117 (360-34412-4), CB2-16 (360-34412-5), CB4-5 (360-34412-6), CB3-8 (360-34412-7), CB3-12 (360-34412-8), DUPLICATE-12 (360-34412-9), SS-01 (360-34412-10), SS-02 (360-34412-11), SS-03 (360-34412-12), SS-04 (360-34412-13), SS-05 (360-34412-14), SS-06 (360-34412-15), SS-07 (360-34412-16), SS-08 (360-34412-17), SS-09 (360-34412-18), SS-10 (360-34412-19) and DUPLICATE-10 (360-34412-30) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 06/16/2011 and analyzed on 06/20/2011.

Copper failed the recovery criteria low for LCDSRM 360-75367/3-A. The associated LCS recovered within control limits. Refer to the QC report for details.

Antimony failed the recovery criteria low for the MS of sample GB1-117 (360-34412-4) in batch 360-75618. Zinc failed the recovery criteria high. Refer to the QC report for details.

Sample GB1-117 (360-34412-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

DISSOLVED METALS

Samples SB-102 (360-34412-21), SB-103 (360-34412-22), SB-104 (360-34412-23) and DUPLICATE-11 (360-34412-24) were analyzed for dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 06/22/2011.

No difficulties were encountered during the dissolved metals analyses.

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples SB-102 (360-34412-21), SB-103 (360-34412-22), SB-104 (360-34412-23) and DUPLICATE-11 (360-34412-24) were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 06/14/2011 and analyzed on 06/16/2011.

No difficulties were encountered during the dissolved mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GB4-26 (360-34412-1), GB3-33 (360-34412-2), GB2-43 (360-34412-3), GB1-117 (360-34412-4), CB2-16 (360-34412-5), CB4-5 (360-34412-6), CB3-8 (360-34412-7), CB3-12 (360-34412-8), DUPLICATE-12 (360-34412-9), SS-01 (360-34412-10), SS-02 (360-34412-11), SS-03 (360-34412-12), SS-04 (360-34412-13), SS-05 (360-34412-14), SS-06 (360-34412-15), SS-07 (360-34412-16), SS-08 (360-34412-17), SS-09 (360-34412-18), SS-10 (360-34412-19) and DUPLICATE-10 (360-34412-30) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 06/16/2011 and analyzed on 06/17/2011.

Mercury failed the recovery criteria high for the MS of sample GB1-117 (360-34412-4) in batch 360-75450 and exceeded the rpd limit for the duplicate of sample GB1-117 (360-34412-4). The associated LCS and LCSD recovered within control limits. Refer to the QC report for details.

No other difficulties were encountered during the mercury analyses.

Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Job ID: 360-34412-1 (Continued)

Laboratory: TestAmerica Westfield (Continued)

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples GB4-26 (360-34412-1), GB3-33 (360-34412-2), GB2-43 (360-34412-3), GB1-117 (360-34412-4), CB2-16 (360-34412-5), CB4-5 (360-34412-6), CB3-8 (360-34412-7), CB3-12 (360-34412-8), DUPLICATE-12 (360-34412-9), SS-01 (360-34412-10), SS-02 (360-34412-11), SS-03 (360-34412-12), SS-04 (360-34412-13), SS-05 (360-34412-14), SS-06 (360-34412-15), SS-07 (360-34412-16), SS-08 (360-34412-17), SS-09 (360-34412-18), SS-10 (360-34412-19), SB-101 (1.5-2.0') (360-34412-25), SB-102 (0-0.9') (360-34412-26), SB-103 (1.2-1.6') (360-34412-27), SB-104 (1.3-1.6') (360-34412-28), DUPLICATE-1 (360-34412-29) and DUPLICATE-10 (360-34412-30) were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 06/20/2011 and 06/21/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: GB4-26

Lab Sample ID: 360-34412-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.89		0.23		mg/Kg	1	☼	6010B	Total/NA
Copper	5.8		1.1		mg/Kg	1	☼	6010B	Total/NA
Lead	18		0.57		mg/Kg	1	☼	6010B	Total/NA
Zinc	34		2.9		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GB3-33

Lab Sample ID: 360-34412-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	1.5		0.26		mg/Kg	1	☼	6010B	Total/NA
Copper	16		1.3		mg/Kg	1	☼	6010B	Total/NA
Lead	75		0.66		mg/Kg	1	☼	6010B	Total/NA
Zinc	160		3.3		mg/Kg	1	☼	6010B	Total/NA
Antimony	1.4		0.66		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GB2-43

Lab Sample ID: 360-34412-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	2.6		0.26		mg/Kg	1	☼	6010B	Total/NA
Chromium	0.64		0.64		mg/Kg	1	☼	6010B	Total/NA
Copper	45		1.3		mg/Kg	1	☼	6010B	Total/NA
Lead	120		0.64		mg/Kg	1	☼	6010B	Total/NA
Zinc	130		3.2		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: GB1-117

Lab Sample ID: 360-34412-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		5.6		mg/Kg	5	☼	6010B	Total/NA
Chromium	27		2.8		mg/Kg	5	☼	6010B	Total/NA
Copper	42		5.6		mg/Kg	5	☼	6010B	Total/NA
Lead	95		2.8		mg/Kg	5	☼	6010B	Total/NA
Nickel	35		5.6		mg/Kg	5	☼	6010B	Total/NA
Zinc	140		14		mg/Kg	5	☼	6010B	Total/NA
Mercury	1.2		0.085		mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: CB2-16

Lab Sample ID: 360-34412-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	4.6		1.1		mg/Kg	1	☼	6010B	Total/NA
Lead	7.8		0.56		mg/Kg	1	☼	6010B	Total/NA
Zinc	25		2.8		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CB4-5

Lab Sample ID: 360-34412-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		1.2		mg/Kg	1	☼	6010B	Total/NA
Copper	9.9		1.2		mg/Kg	1	☼	6010B	Total/NA
Lead	22		0.60		mg/Kg	1	☼	6010B	Total/NA
Zinc	60		3.0		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: CB3-8

Lab Sample ID: 360-34412-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.0		1.2		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0.24		mg/Kg	1	☼	6010B	Total/NA

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: CB3-8 (Continued)

Lab Sample ID: 360-34412-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	0.70		0.60		mg/Kg	1		☼	6010B	Total/NA
Copper	10		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	120		0.60		mg/Kg	1		☼	6010B	Total/NA
Zinc	500		3.0		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.16		0.097		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: CB3-12

Lab Sample ID: 360-34412-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	2.1		1.2		mg/Kg	1		☼	6010B	Total/NA
Cadmium	2.6		0.25		mg/Kg	1		☼	6010B	Total/NA
Chromium	0.91		0.62		mg/Kg	1		☼	6010B	Total/NA
Copper	17		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	2700		0.62		mg/Kg	1		☼	6010B	Total/NA
Zinc	1000		3.1		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.45		0.081		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: DUPLICATE-12

Lab Sample ID: 360-34412-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Cadmium	1.9		0.24		mg/Kg	1		☼	6010B	Total/NA
Copper	24		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	63		0.61		mg/Kg	1		☼	6010B	Total/NA
Zinc	74		3.0		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SS-01

Lab Sample ID: 360-34412-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	11		1.2		mg/Kg	1		☼	6010B	Total/NA
Cadmium	1.3		0.25		mg/Kg	1		☼	6010B	Total/NA
Chromium	32		0.62		mg/Kg	1		☼	6010B	Total/NA
Copper	32		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	620		0.62		mg/Kg	1		☼	6010B	Total/NA
Nickel	41		1.2		mg/Kg	1		☼	6010B	Total/NA
Zinc	440		3.1		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.13		0.079		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SS-02

Lab Sample ID: 360-34412-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	6.9		1.2		mg/Kg	1		☼	6010B	Total/NA
Chromium	8.7		0.60		mg/Kg	1		☼	6010B	Total/NA
Copper	19		1.2		mg/Kg	1		☼	6010B	Total/NA
Lead	8.1		0.60		mg/Kg	1		☼	6010B	Total/NA
Nickel	17		1.2		mg/Kg	1		☼	6010B	Total/NA
Zinc	96		3.0		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SS-03

Lab Sample ID: 360-34412-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	5.9		1.3		mg/Kg	1		☼	6010B	Total/NA
Cadmium	0.34		0.26		mg/Kg	1		☼	6010B	Total/NA
Chromium	21		0.65		mg/Kg	1		☼	6010B	Total/NA
Copper	34		1.3		mg/Kg	1		☼	6010B	Total/NA

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SS-03 (Continued)

Lab Sample ID: 360-34412-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Lead	67		0.65		mg/Kg	1		☼	6010B	Total/NA
Nickel	39		1.3		mg/Kg	1		☼	6010B	Total/NA
Zinc	99		3.3		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.59		0.095		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SS-04

Lab Sample ID: 360-34412-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	4.7		1.5		mg/Kg	1		☼	6010B	Total/NA
Chromium	7.5		0.75		mg/Kg	1		☼	6010B	Total/NA
Copper	19		1.5		mg/Kg	1		☼	6010B	Total/NA
Lead	10		0.75		mg/Kg	1		☼	6010B	Total/NA
Nickel	16		1.5		mg/Kg	1		☼	6010B	Total/NA
Zinc	69		3.7		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SS-05

Lab Sample ID: 360-34412-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	8.2		1.3		mg/Kg	1		☼	6010B	Total/NA
Cadmium	0.96		0.25		mg/Kg	1		☼	6010B	Total/NA
Chromium	36		0.63		mg/Kg	1		☼	6010B	Total/NA
Copper	54		1.3		mg/Kg	1		☼	6010B	Total/NA
Lead	250		0.63		mg/Kg	1		☼	6010B	Total/NA
Nickel	42		1.3		mg/Kg	1		☼	6010B	Total/NA
Zinc	520		3.2		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.13		0.091		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SS-06

Lab Sample ID: 360-34412-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.1		1.4		mg/Kg	1		☼	6010B	Total/NA
Chromium	24		0.71		mg/Kg	1		☼	6010B	Total/NA
Copper	21		1.4		mg/Kg	1		☼	6010B	Total/NA
Lead	150		0.71		mg/Kg	1		☼	6010B	Total/NA
Nickel	44		1.4		mg/Kg	1		☼	6010B	Total/NA
Zinc	120		3.6		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SS-07

Lab Sample ID: 360-34412-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	11		1.1		mg/Kg	1		☼	6010B	Total/NA
Cadmium	0.22		0.22		mg/Kg	1		☼	6010B	Total/NA
Chromium	44		0.55		mg/Kg	1		☼	6010B	Total/NA
Copper	26		1.1		mg/Kg	1		☼	6010B	Total/NA
Lead	43		0.55		mg/Kg	1		☼	6010B	Total/NA
Nickel	71		1.1		mg/Kg	1		☼	6010B	Total/NA
Zinc	75		2.7		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SS-08

Lab Sample ID: 360-34412-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	14		1.1		mg/Kg	1		☼	6010B	Total/NA
Cadmium	0.34		0.23		mg/Kg	1		☼	6010B	Total/NA
Chromium	24		0.57		mg/Kg	1		☼	6010B	Total/NA

TestAmerica Westfield

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SS-08 (Continued)

Lab Sample ID: 360-34412-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Copper	59		1.1		mg/Kg	1		☼	6010B	Total/NA
Lead	68		0.57		mg/Kg	1		☼	6010B	Total/NA
Nickel	35		1.1		mg/Kg	1		☼	6010B	Total/NA
Zinc	110		2.8		mg/Kg	1		☼	6010B	Total/NA
Mercury	1.4		0.089		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SS-09

Lab Sample ID: 360-34412-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.9		1.3		mg/Kg	1		☼	6010B	Total/NA
Cadmium	1.9		0.25		mg/Kg	1		☼	6010B	Total/NA
Chromium	29		0.63		mg/Kg	1		☼	6010B	Total/NA
Copper	520		1.3		mg/Kg	1		☼	6010B	Total/NA
Lead	930		0.63		mg/Kg	1		☼	6010B	Total/NA
Nickel	34		1.3		mg/Kg	1		☼	6010B	Total/NA
Zinc	400		3.1		mg/Kg	1		☼	6010B	Total/NA
Antimony	0.74		0.63		mg/Kg	1		☼	6010B	Total/NA
Mercury	0.50		0.10		mg/Kg	1		☼	7471A	Total/NA

Client Sample ID: SS-10

Lab Sample ID: 360-34412-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	5.4		1.3		mg/Kg	1		☼	6010B	Total/NA
Chromium	11		0.66		mg/Kg	1		☼	6010B	Total/NA
Copper	23		1.3		mg/Kg	1		☼	6010B	Total/NA
Lead	43		0.66		mg/Kg	1		☼	6010B	Total/NA
Nickel	18		1.3		mg/Kg	1		☼	6010B	Total/NA
Zinc	56		3.3		mg/Kg	1		☼	6010B	Total/NA

Client Sample ID: SB-102

Lab Sample ID: 360-34412-21

No Detections.

Client Sample ID: SB-103

Lab Sample ID: 360-34412-22

No Detections.

Client Sample ID: SB-104

Lab Sample ID: 360-34412-23

No Detections.

Client Sample ID: DUPLICATE-11

Lab Sample ID: 360-34412-24

No Detections.

Client Sample ID: SB-101 (1.5-2.0')

Lab Sample ID: 360-34412-25

No Detections.

Client Sample ID: SB-102 (0-0.9')

Lab Sample ID: 360-34412-26

No Detections.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SB-103 (1.2-1.6')

Lab Sample ID: 360-34412-27

No Detections.

Client Sample ID: SB-104 (1.3-1.6')

Lab Sample ID: 360-34412-28

No Detections.

Client Sample ID: DUPLICATE-1

Lab Sample ID: 360-34412-29

No Detections.

Client Sample ID: DUPLICATE-10

Lab Sample ID: 360-34412-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.0		1.1		mg/Kg	1		☼	6010B	Total/NA
Chromium	11		0.57		mg/Kg	1		☼	6010B	Total/NA
Copper	19		1.1		mg/Kg	1		☼	6010B	Total/NA
Lead	27		0.57		mg/Kg	1		☼	6010B	Total/NA
Nickel	16		1.1		mg/Kg	1		☼	6010B	Total/NA
Zinc	88		2.9		mg/Kg	1		☼	6010B	Total/NA

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds by GC/MS	SW846	TAL WFD
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WFD
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL WFD
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL WFD
6010B	Metals (ICP)	SW846	TAL WFD
7470A	Mercury (CVAA)	SW846	TAL WFD
7471A	Mercury (CVAA)	SW846	TAL WFD
Moisture	Percent Moisture	EPA	TAL WFD

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34412-1	GB4-26	Solid	06/07/11 09:00	06/11/11 13:50
360-34412-2	GB3-33	Solid	06/07/11 09:15	06/11/11 13:50
360-34412-3	GB2-43	Solid	06/07/11 09:30	06/11/11 13:50
360-34412-4	GB1-117	Solid	06/07/11 10:15	06/11/11 13:50
360-34412-5	CB2-16	Solid	06/07/11 12:20	06/11/11 13:50
360-34412-6	CB4-5	Solid	06/07/11 12:25	06/11/11 13:50
360-34412-7	CB3-8	Solid	06/07/11 12:30	06/11/11 13:50
360-34412-8	CB3-12	Solid	06/07/11 12:40	06/11/11 13:50
360-34412-9	DUPLICATE-12	Solid	06/07/11 12:00	06/11/11 13:50
360-34412-10	SS-01	Solid	06/08/11 10:50	06/11/11 13:50
360-34412-11	SS-02	Solid	06/08/11 11:00	06/11/11 13:50
360-34412-12	SS-03	Solid	06/08/11 11:15	06/11/11 13:50
360-34412-13	SS-04	Solid	06/08/11 11:25	06/11/11 13:50
360-34412-14	SS-05	Solid	06/08/11 11:34	06/11/11 13:50
360-34412-15	SS-06	Solid	06/08/11 12:03	06/11/11 13:50
360-34412-16	SS-07	Solid	06/08/11 12:20	06/11/11 13:50
360-34412-17	SS-08	Solid	06/08/11 12:25	06/11/11 13:50
360-34412-18	SS-09	Solid	06/08/11 13:10	06/11/11 13:50
360-34412-19	SS-10	Solid	06/08/11 13:20	06/11/11 13:50
360-34412-21	SB-102	Water	06/09/11 11:05	06/11/11 13:50
360-34412-22	SB-103	Water	06/09/11 15:35	06/11/11 13:50
360-34412-23	SB-104	Water	06/09/11 14:30	06/11/11 13:50
360-34412-24	DUPLICATE-11	Water	06/09/11 12:00	06/11/11 13:50
360-34412-25	SB-101 (1.5-2.0')	Solid	06/09/11 11:05	06/11/11 13:50
360-34412-26	SB-102 (0-0.9')	Solid	06/09/11 10:45	06/11/11 13:50
360-34412-27	SB-103 (1.2-1.6')	Solid	06/09/11 11:20	06/11/11 13:50
360-34412-28	SB-104 (1.3-1.6')	Solid	06/09/11 10:50	06/11/11 13:50
360-34412-29	DUPLICATE-1	Solid	06/09/11 10:55	06/11/11 13:50
360-34412-30	DUPLICATE-10	Solid	06/08/11 12:00	06/11/11 13:50

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-101 (1.5-2.0')

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-25

Matrix: Solid

Percent Solids: 92.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1,1-Trichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1,2,2-Tetrachloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1,2-Trichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1-Dichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,1-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2,3-Trichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2,4-Trichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2,4-Trimethylbenzene	ND	*	170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2,3-Trichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2-Dibromo-3-Chloropropane	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2-Dichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,2-Dichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,3,5-Trimethylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,3-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
1,4-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
2,2-Dichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Acetone	ND		17000		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Benzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Bromoform	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Bromobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Bromomethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Carbon tetrachloride	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chlorobromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chlorodibromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chloroethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chloroform	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Chloromethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
cis-1,2-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
cis-1,3-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Dibromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Dichlorobromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Ethylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Ethylene Dibromide	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
2-Chlorotoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
4-Chlorotoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Hexachlorobutadiene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Isopropylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
m-Xylene & p-Xylene	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
2-Butanone (MEK)	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Methylene Chloride	ND		690		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
N-Propylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
n-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Naphthalene	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
o-Xylene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
sec-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-101 (1.5-2.0')

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-25

Matrix: Solid

Percent Solids: 92.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Tetrachloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Toluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
trans-1,2-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Trichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Vinyl chloride	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Methyl tert-butyl ether	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Trichlorofluoromethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
trans-1,3-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
Styrene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
2-Hexanone	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1
4-Isopropyltoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 18:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130	06/22/11 08:26	06/22/11 18:53	1
Dibromofluoromethane	101		70 - 130	06/22/11 08:26	06/22/11 18:53	1
Toluene-d8 (Surr)	100		70 - 130	06/22/11 08:26	06/22/11 18:53	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 06/09/11 10:45

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-26

Matrix: Solid

Percent Solids: 73.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1,1-Trichloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1,2,2-Tetrachloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1,2-Trichloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1-Dichloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1-Dichloroethene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,1-Dichloropropene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2,3-Trichlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2,4-Trichlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2,4-Trimethylbenzene	ND	*	130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2,3-Trichloropropane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2-Dibromo-3-Chloropropane	ND		1300		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2-Dichlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2-Dichloroethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,2-Dichloropropane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,3,5-Trimethylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,3-Dichlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
1,4-Dichlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
2,2-Dichloropropane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Acetone	ND		13000		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Benzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Bromoform	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Bromobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Bromomethane	ND		270		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Carbon tetrachloride	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Chlorobenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Chlorobromomethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Chlorodibromomethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Chloroethane	ND		270		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-102 (0-0.9')

Date Collected: 06/09/11 10:45

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-26

Matrix: Solid

Percent Solids: 73.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Chloromethane	ND		270		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
cis-1,2-Dichloroethene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
cis-1,3-Dichloropropene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Dibromomethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Dichlorobromomethane	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Ethylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Ethylene Dibromide	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
2-Chlorotoluene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
4-Chlorotoluene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Hexachlorobutadiene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Isopropylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
m-Xylene & p-Xylene	ND		270		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
2-Butanone (MEK)	ND		1300		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
4-Methyl-2-pentanone (MIBK)	ND		1300		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Methylene Chloride	ND		530		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
N-Propylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
n-Butylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Naphthalene	ND		1300		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
o-Xylene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
sec-Butylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
tert-Butylbenzene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Tetrachloroethene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Toluene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
trans-1,2-Dichloroethene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Trichloroethene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Vinyl chloride	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Methyl tert-butyl ether	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Trichlorofluoromethane	ND		270		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
trans-1,3-Dichloropropene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
Styrene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
2-Hexanone	ND		1300		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1
4-Isopropyltoluene	ND		130		ug/Kg	☼	06/22/11 08:26	06/22/11 19:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		70 - 130	06/22/11 08:26	06/22/11 19:18	1
Dibromofluoromethane	100		70 - 130	06/22/11 08:26	06/22/11 19:18	1
Toluene-d8 (Surr)	100		70 - 130	06/22/11 08:26	06/22/11 19:18	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 06/09/11 11:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-27

Matrix: Solid

Percent Solids: 72.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1,1-Trichloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1,2,2-Tetrachloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1,2-Trichloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1-Dichloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1-Dichloroethene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,1-Dichloropropene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2,3-Trichlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 06/09/11 11:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-27

Matrix: Solid

Percent Solids: 72.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2,4-Trimethylbenzene	ND	*	160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2,3-Trichloropropane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2-Dibromo-3-Chloropropane	ND		1600		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2-Dichlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2-Dichloroethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,2-Dichloropropane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,3,5-Trimethylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,3-Dichlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
1,4-Dichlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
2,2-Dichloropropane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Acetone	ND		16000		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Benzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Bromoform	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Bromobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Bromomethane	ND		330		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Carbon tetrachloride	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chlorobenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chlorobromomethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chlorodibromomethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chloroethane	ND		330		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chloroform	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Chloromethane	ND		330		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
cis-1,2-Dichloroethene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
cis-1,3-Dichloropropene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Dibromomethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Dichlorobromomethane	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Ethylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Ethylene Dibromide	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
2-Chlorotoluene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
4-Chlorotoluene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Hexachlorobutadiene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Isopropylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
m-Xylene & p-Xylene	ND		330		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
2-Butanone (MEK)	ND		1600		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
4-Methyl-2-pentanone (MIBK)	ND		1600		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Methylene Chloride	ND		650		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
N-Propylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
n-Butylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Naphthalene	ND		1600		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
o-Xylene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
sec-Butylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
tert-Butylbenzene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Tetrachloroethene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Toluene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
trans-1,2-Dichloroethene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Trichloroethene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Vinyl chloride	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Methyl tert-butyl ether	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Trichlorofluoromethane	ND		330		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 06/09/11 11:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-27

Matrix: Solid

Percent Solids: 72.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Styrene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
2-Hexanone	ND		1600		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
4-Isopropyltoluene	ND		160		ug/Kg	☼	06/22/11 08:26	06/22/11 19:42	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130				06/22/11 08:26	06/22/11 19:42	1
Dibromofluoromethane	101		70 - 130				06/22/11 08:26	06/22/11 19:42	1
Toluene-d8 (Surr)	101		70 - 130				06/22/11 08:26	06/22/11 19:42	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 06/09/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-28

Matrix: Solid

Percent Solids: 80.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1,1-Trichloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1,2,2-Tetrachloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1,2-Trichloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1-Dichloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1-Dichloroethene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,1-Dichloropropene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2,3-Trichlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2,4-Trichlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2,4-Trimethylbenzene	ND	*	120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2,3-Trichloropropane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2-Dibromo-3-Chloropropane	ND		1200		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2-Dichlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2-Dichloroethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,2-Dichloropropane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,3,5-Trimethylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,3-Dichlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
1,4-Dichlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
2,2-Dichloropropane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Acetone	ND		12000		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Benzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Bromoform	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Bromobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Bromomethane	ND		240		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Carbon tetrachloride	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chlorobenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chlorobromomethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chlorodibromomethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chloroethane	ND		240		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chloroform	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Chloromethane	ND		240		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
cis-1,2-Dichloroethene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
cis-1,3-Dichloropropene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Dibromomethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Dichlorobromomethane	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Ethylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Ethylene Dibromide	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 06/09/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-28

Matrix: Solid

Percent Solids: 80.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
4-Chlorotoluene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Hexachlorobutadiene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Isopropylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
m-Xylene & p-Xylene	ND		240		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
2-Butanone (MEK)	ND		1200		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
4-Methyl-2-pentanone (MIBK)	ND		1200		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Methylene Chloride	ND		490		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
N-Propylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
n-Butylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Naphthalene	ND		1200		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
o-Xylene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
sec-Butylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
tert-Butylbenzene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Tetrachloroethene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Toluene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
trans-1,2-Dichloroethene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Trichloroethene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Vinyl chloride	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Methyl tert-butyl ether	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Trichlorofluoromethane	ND		240		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
trans-1,3-Dichloropropene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
Styrene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
2-Hexanone	ND		1200		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1
4-Isopropyltoluene	ND		120		ug/Kg	☼	06/22/11 08:26	06/22/11 20:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130	06/22/11 08:26	06/22/11 20:07	1
Dibromofluoromethane	99		70 - 130	06/22/11 08:26	06/22/11 20:07	1
Toluene-d8 (Surr)	103		70 - 130	06/22/11 08:26	06/22/11 20:07	1

Client Sample ID: DUPLICATE-1

Date Collected: 06/09/11 10:55

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-29

Matrix: Solid

Percent Solids: 75.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1,1-Trichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1,2,2-Tetrachloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1,2-Trichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1-Dichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,1-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2,3-Trichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2,4-Trichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2,4-Trimethylbenzene	ND *		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2,3-Trichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2-Dibromo-3-Chloropropane	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2-Dichloroethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,2-Dichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,3,5-Trimethylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DUPLICATE-1

Date Collected: 06/09/11 10:55

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-29

Matrix: Solid

Percent Solids: 75.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
1,4-Dichlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
2,2-Dichloropropane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Acetone	ND		17000		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Benzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Bromoform	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Bromobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Bromomethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Carbon tetrachloride	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chlorobenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chlorobromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chlorodibromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chloroethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chloroform	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Chloromethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
cis-1,2-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
cis-1,3-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Dibromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Dichlorobromomethane	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Ethylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Ethylene Dibromide	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
2-Chlorotoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
4-Chlorotoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Hexachlorobutadiene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Isopropylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
m-Xylene & p-Xylene	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
2-Butanone (MEK)	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
4-Methyl-2-pentanone (MIBK)	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Methylene Chloride	ND		670		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
N-Propylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
n-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Naphthalene	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
o-Xylene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
sec-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
tert-Butylbenzene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Tetrachloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Toluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
trans-1,2-Dichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Trichloroethene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Vinyl chloride	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Methyl tert-butyl ether	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Trichlorofluoromethane	ND		340		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
trans-1,3-Dichloropropene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
Styrene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
2-Hexanone	ND		1700		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1
4-Isopropyltoluene	ND		170		ug/Kg	☼	06/22/11 08:26	06/22/11 20:31	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130	06/22/11 08:26	06/22/11 20:31	1
Dibromofluoromethane	100		70 - 130	06/22/11 08:26	06/22/11 20:31	1
Toluene-d8 (Surr)	102		70 - 130	06/22/11 08:26	06/22/11 20:31	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/15/11 03:33	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/15/11 03:33	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/15/11 03:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/15/11 03:33	1
1,1-Dichloroethane	ND		1.0		ug/L			06/15/11 03:33	1
1,1-Dichloroethene	ND		1.0		ug/L			06/15/11 03:33	1
1,1-Dichloropropene	ND		1.0		ug/L			06/15/11 03:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/15/11 03:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/15/11 03:33	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,2-Dichloroethane	ND		1.0		ug/L			06/15/11 03:33	1
1,2-Dichloropropane	ND		1.0		ug/L			06/15/11 03:33	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
2,2-Dichloropropane	ND		1.0		ug/L			06/15/11 03:33	1
Acetone	ND		50		ug/L			06/15/11 03:33	1
Benzene	ND		1.0		ug/L			06/15/11 03:33	1
Bromoform	ND *		1.0		ug/L			06/15/11 03:33	1
Bromobenzene	ND		1.0		ug/L			06/15/11 03:33	1
Bromomethane	ND		2.0		ug/L			06/15/11 03:33	1
Carbon tetrachloride	ND		1.0		ug/L			06/15/11 03:33	1
Chlorobenzene	ND		1.0		ug/L			06/15/11 03:33	1
Chlorobromomethane	ND		1.0		ug/L			06/15/11 03:33	1
Chlorodibromomethane	ND		0.50		ug/L			06/15/11 03:33	1
Chloroethane	ND		2.0		ug/L			06/15/11 03:33	1
Chloroform	ND		1.0		ug/L			06/15/11 03:33	1
Chloromethane	ND		2.0		ug/L			06/15/11 03:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 03:33	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 03:33	1
Dibromomethane	ND		1.0		ug/L			06/15/11 03:33	1
Dichlorobromomethane	ND		0.50		ug/L			06/15/11 03:33	1
Ethylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
Ethylene Dibromide	ND		1.0		ug/L			06/15/11 03:33	1
2-Chlorotoluene	ND		1.0		ug/L			06/15/11 03:33	1
4-Chlorotoluene	ND		1.0		ug/L			06/15/11 03:33	1
Hexachlorobutadiene	ND		0.40		ug/L			06/15/11 03:33	1
Isopropylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/15/11 03:33	1
2-Butanone (MEK)	ND		10		ug/L			06/15/11 03:33	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/15/11 03:33	1
Methylene Chloride	ND		2.0		ug/L			06/15/11 03:33	1
N-Propylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
n-Butylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
Naphthalene	ND		5.0		ug/L			06/15/11 03:33	1
o-Xylene	ND		1.0		ug/L			06/15/11 03:33	1
sec-Butylbenzene	ND		1.0		ug/L			06/15/11 03:33	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.0		ug/L			06/15/11 03:33	1
Tetrachloroethene	ND		1.0		ug/L			06/15/11 03:33	1
Toluene	ND		1.0		ug/L			06/15/11 03:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 03:33	1
Trichloroethene	ND		1.0		ug/L			06/15/11 03:33	1
Vinyl chloride	ND		0.50		ug/L			06/15/11 03:33	1
Methyl tert-butyl ether	ND	*	1.0		ug/L			06/15/11 03:33	1
Trichlorofluoromethane	ND		1.0		ug/L			06/15/11 03:33	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 03:33	1
Styrene	ND		1.0		ug/L			06/15/11 03:33	1
2-Hexanone	ND		10		ug/L			06/15/11 03:33	1
4-Isopropyltoluene	ND		1.0		ug/L			06/15/11 03:33	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130					06/15/11 03:33	1
Dibromofluoromethane	106		70 - 130					06/15/11 03:33	1
Toluene-d8 (Surr)	101		70 - 130					06/15/11 03:33	1

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/15/11 03:54	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/15/11 03:54	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/15/11 03:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/15/11 03:54	1
1,1-Dichloroethane	ND		1.0		ug/L			06/15/11 03:54	1
1,1-Dichloroethene	ND		1.0		ug/L			06/15/11 03:54	1
1,1-Dichloropropene	ND		1.0		ug/L			06/15/11 03:54	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/15/11 03:54	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/15/11 03:54	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,2-Dichloroethane	ND		1.0		ug/L			06/15/11 03:54	1
1,2-Dichloropropane	ND		1.0		ug/L			06/15/11 03:54	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
2,2-Dichloropropane	ND		1.0		ug/L			06/15/11 03:54	1
Acetone	ND		50		ug/L			06/15/11 03:54	1
Benzene	ND		1.0		ug/L			06/15/11 03:54	1
Bromoform	ND	*	1.0		ug/L			06/15/11 03:54	1
Bromobenzene	ND		1.0		ug/L			06/15/11 03:54	1
Bromomethane	ND		2.0		ug/L			06/15/11 03:54	1
Carbon tetrachloride	ND		1.0		ug/L			06/15/11 03:54	1
Chlorobenzene	ND		1.0		ug/L			06/15/11 03:54	1
Chlorobromomethane	ND		1.0		ug/L			06/15/11 03:54	1
Chlorodibromomethane	ND		0.50		ug/L			06/15/11 03:54	1
Chloroethane	ND		2.0		ug/L			06/15/11 03:54	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0		ug/L			06/15/11 03:54	1
Chloromethane	ND		2.0		ug/L			06/15/11 03:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 03:54	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 03:54	1
Dibromomethane	ND		1.0		ug/L			06/15/11 03:54	1
Dichlorobromomethane	ND		0.50		ug/L			06/15/11 03:54	1
Ethylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
Ethylene Dibromide	ND		1.0		ug/L			06/15/11 03:54	1
2-Chlorotoluene	ND		1.0		ug/L			06/15/11 03:54	1
4-Chlorotoluene	ND		1.0		ug/L			06/15/11 03:54	1
Hexachlorobutadiene	ND		0.40		ug/L			06/15/11 03:54	1
Isopropylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/15/11 03:54	1
2-Butanone (MEK)	ND		10		ug/L			06/15/11 03:54	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/15/11 03:54	1
Methylene Chloride	ND		2.0		ug/L			06/15/11 03:54	1
N-Propylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
n-Butylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
Naphthalene	ND		5.0		ug/L			06/15/11 03:54	1
o-Xylene	ND		1.0		ug/L			06/15/11 03:54	1
sec-Butylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
tert-Butylbenzene	ND		1.0		ug/L			06/15/11 03:54	1
Tetrachloroethene	ND		1.0		ug/L			06/15/11 03:54	1
Toluene	ND		1.0		ug/L			06/15/11 03:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 03:54	1
Trichloroethene	ND		1.0		ug/L			06/15/11 03:54	1
Vinyl chloride	ND		0.50		ug/L			06/15/11 03:54	1
Methyl tert-butyl ether	ND *		1.0		ug/L			06/15/11 03:54	1
Trichlorofluoromethane	ND		1.0		ug/L			06/15/11 03:54	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 03:54	1
Styrene	ND		1.0		ug/L			06/15/11 03:54	1
2-Hexanone	ND		10		ug/L			06/15/11 03:54	1
4-Isopropyltoluene	ND		1.0		ug/L			06/15/11 03:54	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		06/15/11 03:54	1
Dibromofluoromethane	106		70 - 130		06/15/11 03:54	1
Toluene-d8 (Surr)	102		70 - 130		06/15/11 03:54	1

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/15/11 04:16	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/15/11 04:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/15/11 04:16	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/15/11 04:16	1
1,1-Dichloroethane	ND		1.0		ug/L			06/15/11 04:16	1
1,1-Dichloroethene	ND		1.0		ug/L			06/15/11 04:16	1
1,1-Dichloropropene	ND		1.0		ug/L			06/15/11 04:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/15/11 04:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/15/11 04:16	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1
1,2-Dichloroethane	ND		1.0		ug/L			06/15/11 04:16	1
1,2-Dichloropropane	ND		1.0		ug/L			06/15/11 04:16	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1
2,2-Dichloropropane	ND		1.0		ug/L			06/15/11 04:16	1
Acetone	ND		50		ug/L			06/15/11 04:16	1
Benzene	ND		1.0		ug/L			06/15/11 04:16	1
Bromoform	ND	*	1.0		ug/L			06/15/11 04:16	1
Bromobenzene	ND		1.0		ug/L			06/15/11 04:16	1
Bromomethane	ND		2.0		ug/L			06/15/11 04:16	1
Carbon tetrachloride	ND		1.0		ug/L			06/15/11 04:16	1
Chlorobenzene	ND		1.0		ug/L			06/15/11 04:16	1
Chlorobromomethane	ND		1.0		ug/L			06/15/11 04:16	1
Chlorodibromomethane	ND		0.50		ug/L			06/15/11 04:16	1
Chloroethane	ND		2.0		ug/L			06/15/11 04:16	1
Chloroform	ND		1.0		ug/L			06/15/11 04:16	1
Chloromethane	ND		2.0		ug/L			06/15/11 04:16	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 04:16	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 04:16	1
Dibromomethane	ND		1.0		ug/L			06/15/11 04:16	1
Dichlorobromomethane	ND		0.50		ug/L			06/15/11 04:16	1
Ethylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
Ethylene Dibromide	ND		1.0		ug/L			06/15/11 04:16	1
2-Chlorotoluene	ND		1.0		ug/L			06/15/11 04:16	1
4-Chlorotoluene	ND		1.0		ug/L			06/15/11 04:16	1
Hexachlorobutadiene	ND		0.40		ug/L			06/15/11 04:16	1
Isopropylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/15/11 04:16	1
2-Butanone (MEK)	ND		10		ug/L			06/15/11 04:16	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/15/11 04:16	1
Methylene Chloride	ND		2.0		ug/L			06/15/11 04:16	1
N-Propylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
n-Butylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
Naphthalene	ND		5.0		ug/L			06/15/11 04:16	1
o-Xylene	ND		1.0		ug/L			06/15/11 04:16	1
sec-Butylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
tert-Butylbenzene	ND		1.0		ug/L			06/15/11 04:16	1
Tetrachloroethene	ND		1.0		ug/L			06/15/11 04:16	1
Toluene	ND		1.0		ug/L			06/15/11 04:16	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 04:16	1
Trichloroethene	ND		1.0		ug/L			06/15/11 04:16	1
Vinyl chloride	ND		0.50		ug/L			06/15/11 04:16	1
Methyl tert-butyl ether	ND	*	1.0		ug/L			06/15/11 04:16	1
Trichlorofluoromethane	ND		1.0		ug/L			06/15/11 04:16	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 04:16	1
Styrene	ND		1.0		ug/L			06/15/11 04:16	1
2-Hexanone	ND		10		ug/L			06/15/11 04:16	1
4-Isopropyltoluene	ND		1.0		ug/L			06/15/11 04:16	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130					06/15/11 04:16	1
Dibromofluoromethane	105		70 - 130					06/15/11 04:16	1
Toluene-d8 (Surr)	99		70 - 130					06/15/11 04:16	1

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/15/11 04:38	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/15/11 04:38	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/15/11 04:38	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/15/11 04:38	1
1,1-Dichloroethane	ND		1.0		ug/L			06/15/11 04:38	1
1,1-Dichloroethene	ND		1.0		ug/L			06/15/11 04:38	1
1,1-Dichloropropene	ND		1.0		ug/L			06/15/11 04:38	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/15/11 04:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/15/11 04:38	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,2-Dichloroethane	ND		1.0		ug/L			06/15/11 04:38	1
1,2-Dichloropropane	ND		1.0		ug/L			06/15/11 04:38	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
2,2-Dichloropropane	ND		1.0		ug/L			06/15/11 04:38	1
Acetone	ND		50		ug/L			06/15/11 04:38	1
Benzene	ND		1.0		ug/L			06/15/11 04:38	1
Bromoform	ND *		1.0		ug/L			06/15/11 04:38	1
Bromobenzene	ND		1.0		ug/L			06/15/11 04:38	1
Bromomethane	ND		2.0		ug/L			06/15/11 04:38	1
Carbon tetrachloride	ND		1.0		ug/L			06/15/11 04:38	1
Chlorobenzene	ND		1.0		ug/L			06/15/11 04:38	1
Chlorobromomethane	ND		1.0		ug/L			06/15/11 04:38	1
Chlorodibromomethane	ND		0.50		ug/L			06/15/11 04:38	1
Chloroethane	ND		2.0		ug/L			06/15/11 04:38	1
Chloroform	ND		1.0		ug/L			06/15/11 04:38	1
Chloromethane	ND		2.0		ug/L			06/15/11 04:38	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 04:38	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 04:38	1
Dibromomethane	ND		1.0		ug/L			06/15/11 04:38	1
Dichlorobromomethane	ND		0.50		ug/L			06/15/11 04:38	1
Ethylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
Ethylene Dibromide	ND		1.0		ug/L			06/15/11 04:38	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0		ug/L			06/15/11 04:38	1
4-Chlorotoluene	ND		1.0		ug/L			06/15/11 04:38	1
Hexachlorobutadiene	ND		0.40		ug/L			06/15/11 04:38	1
Isopropylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/15/11 04:38	1
2-Butanone (MEK)	ND		10		ug/L			06/15/11 04:38	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/15/11 04:38	1
Methylene Chloride	ND		2.0		ug/L			06/15/11 04:38	1
N-Propylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
n-Butylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
Naphthalene	ND		5.0		ug/L			06/15/11 04:38	1
o-Xylene	ND		1.0		ug/L			06/15/11 04:38	1
sec-Butylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
tert-Butylbenzene	ND		1.0		ug/L			06/15/11 04:38	1
Tetrachloroethene	ND		1.0		ug/L			06/15/11 04:38	1
Toluene	ND		1.0		ug/L			06/15/11 04:38	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/15/11 04:38	1
Trichloroethene	ND		1.0		ug/L			06/15/11 04:38	1
Vinyl chloride	ND		0.50		ug/L			06/15/11 04:38	1
Methyl tert-butyl ether	ND *		1.0		ug/L			06/15/11 04:38	1
Trichlorofluoromethane	ND		1.0		ug/L			06/15/11 04:38	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/15/11 04:38	1
Styrene	ND		1.0		ug/L			06/15/11 04:38	1
2-Hexanone	ND		10		ug/L			06/15/11 04:38	1
4-Isopropyltoluene	ND		1.0		ug/L			06/15/11 04:38	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		06/15/11 04:38	1
Dibromofluoromethane	104		70 - 130		06/15/11 04:38	1
Toluene-d8 (Surr)	100		70 - 130		06/15/11 04:38	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Acenaphthylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Benzo[a]anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Benzo[g,h,i]perylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Benzo[a]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Benzo[k]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Benzo[b]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Chrysene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Dibenz(a,h)anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Fluorene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Indeno[1,2,3-cd]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Naphthalene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Phenanthrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1
Pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 18:37	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	67		30 - 130	06/16/11 13:51	06/16/11 18:37	1
2-Fluorobiphenyl	74		30 - 130	06/16/11 13:51	06/16/11 18:37	1
Terphenyl-d14	74		30 - 130	06/16/11 13:51	06/16/11 18:37	1

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Acenaphthylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Benzo[a]anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Benzo[g,h,i]perylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Benzo[a]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Benzo[k]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Benzo[b]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Chrysene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Dibenz(a,h)anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Fluorene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Indeno[1,2,3-cd]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Naphthalene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Phenanthrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1
Pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:11	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	70		30 - 130	06/16/11 13:51	06/16/11 19:11	1
2-Fluorobiphenyl	74		30 - 130	06/16/11 13:51	06/16/11 19:11	1
Terphenyl-d14	86		30 - 130	06/16/11 13:51	06/16/11 19:11	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Acenaphthylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Benzo[a]anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Benzo[g,h,i]perylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Benzo[a]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Benzo[k]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Benzo[b]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Chrysene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Dibenz(a,h)anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Fluorene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Indeno[1,2,3-cd]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Naphthalene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Phenanthrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 19:45	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	72		30 - 130				06/16/11 13:51	06/16/11 19:45	1
2-Fluorobiphenyl	72		30 - 130				06/16/11 13:51	06/16/11 19:45	1
Terphenyl-d14	80		30 - 130				06/16/11 13:51	06/16/11 19:45	1

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Acenaphthylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Benzo[a]anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Benzo[g,h,i]perylene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Benzo[a]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Benzo[k]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Benzo[b]fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Chrysene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Dibenz(a,h)anthracene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Fluoranthene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Fluorene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Indeno[1,2,3-cd]pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Naphthalene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Phenanthrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Pyrene	ND		4.5		ug/L		06/16/11 13:51	06/16/11 20:19	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	76		30 - 130				06/16/11 13:51	06/16/11 20:19	1
2-Fluorobiphenyl	78		30 - 130				06/16/11 13:51	06/16/11 20:19	1
Terphenyl-d14	86		30 - 130				06/16/11 13:51	06/16/11 20:19	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1221	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1232	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1242	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1248	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1254	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1260	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1262	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
PCB-1268	ND		0.23		ug/L		06/15/11 16:55	06/20/11 14:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		10 - 133				06/15/11 16:55	06/20/11 14:50	1
DCB Decachlorobiphenyl	74		10 - 133				06/15/11 16:55	06/20/11 14:50	1
Tetrachloro-m-xylene	88		36 - 121				06/15/11 16:55	06/20/11 14:50	1
Tetrachloro-m-xylene	87		36 - 121				06/15/11 16:55	06/20/11 14:50	1

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1221	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1232	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1242	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1248	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1254	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1260	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1262	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
PCB-1268	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:12	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		10 - 133				06/15/11 16:55	06/20/11 15:12	1
DCB Decachlorobiphenyl	72		10 - 133				06/15/11 16:55	06/20/11 15:12	1
Tetrachloro-m-xylene	95		36 - 121				06/15/11 16:55	06/20/11 15:12	1
Tetrachloro-m-xylene	97		36 - 121				06/15/11 16:55	06/20/11 15:12	1

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1221	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1232	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1242	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1248	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1254	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1260	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1262	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
PCB-1268	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:33	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		10 - 133				06/15/11 16:55	06/20/11 15:33	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 133	06/15/11 16:55	06/20/11 15:33	1
Tetrachloro-m-xylene	89		36 - 121	06/15/11 16:55	06/20/11 15:33	1
Tetrachloro-m-xylene	87		36 - 121	06/15/11 16:55	06/20/11 15:33	1

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1221	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1232	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1242	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1248	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1254	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1260	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1262	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1
PCB-1268	ND		0.23		ug/L		06/15/11 16:55	06/20/11 15:55	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		10 - 133	06/15/11 16:55	06/20/11 15:55	1
DCB Decachlorobiphenyl	78		10 - 133	06/15/11 16:55	06/20/11 15:55	1
Tetrachloro-m-xylene	94		36 - 121	06/15/11 16:55	06/20/11 15:55	1
Tetrachloro-m-xylene	90		36 - 121	06/15/11 16:55	06/20/11 15:55	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: GB4-26

Date Collected: 06/07/11 09:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-1

Matrix: Solid

Percent Solids: 88.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Arsenic	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Beryllium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Cadmium	0.89		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Chromium	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Copper	5.8		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Lead	18		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Nickel	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Selenium	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Thallium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Zinc	34		2.9		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1
Antimony	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 19:17	1

Client Sample ID: GB3-33

Date Collected: 06/07/11 09:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-2

Matrix: Solid

Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Arsenic	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Beryllium	ND		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Cadmium	1.5		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Chromium	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Copper	16		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Lead	75		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Nickel	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Selenium	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Zinc	160		3.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1
Antimony	1.4		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 19:20	1

Client Sample ID: GB2-43

Date Collected: 06/07/11 09:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-3

Matrix: Solid

Percent Solids: 86.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.64		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Arsenic	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Beryllium	ND		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Cadmium	2.6		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Chromium	0.64		0.64		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Copper	45		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Lead	120		0.64		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Nickel	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Selenium	ND		0.64		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Zinc	130		3.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1
Antimony	ND		0.64		mg/Kg	☼	06/16/11 11:55	06/20/11 19:23	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: GB1-117

Date Collected: 06/07/11 10:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-4

Matrix: Solid

Percent Solids: 94.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Arsenic	7.6		5.6		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Beryllium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Cadmium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Chromium	27		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Copper	42		5.6		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Lead	95		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Nickel	35		5.6		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Selenium	ND		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Thallium	ND		5.6		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Zinc	140		14		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5
Antimony	ND		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:24	5

Client Sample ID: CB2-16

Date Collected: 06/07/11 12:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-5

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.56		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Arsenic	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Beryllium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Cadmium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Chromium	ND		0.56		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Copper	4.6		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Lead	7.8		0.56		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Nickel	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Selenium	ND		0.56		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Thallium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Zinc	25		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1
Antimony	ND		0.56		mg/Kg	☼	06/16/11 11:55	06/20/11 19:31	1

Client Sample ID: CB4-5

Date Collected: 06/07/11 12:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-6

Matrix: Solid

Percent Solids: 91.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Arsenic	26		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Beryllium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Cadmium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Chromium	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Copper	9.9		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Lead	22		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Nickel	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Selenium	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Zinc	60		3.0		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1
Antimony	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:34	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: CB3-8

Date Collected: 06/07/11 12:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-7

Matrix: Solid

Percent Solids: 89.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Arsenic	4.0		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Beryllium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Cadmium	1.3		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Chromium	0.70		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Copper	10		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Lead	120		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Nickel	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Selenium	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Zinc	500		3.0		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1
Antimony	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:37	1

Client Sample ID: CB3-12

Date Collected: 06/07/11 12:40

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-8

Matrix: Solid

Percent Solids: 88.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Arsenic	2.1		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Beryllium	ND		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Cadmium	2.6		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Chromium	0.91		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Copper	17		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Lead	2700		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Nickel	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Selenium	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Zinc	1000		3.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1
Antimony	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:40	1

Client Sample ID: DUPLICATE-12

Date Collected: 06/07/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-9

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.61		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Arsenic	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Beryllium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Cadmium	1.9		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Chromium	ND		0.61		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Copper	24		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Lead	63		0.61		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Nickel	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Selenium	ND		0.61		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Zinc	74		3.0		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1
Antimony	ND		0.61		mg/Kg	☼	06/16/11 11:55	06/20/11 19:43	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-01

Date Collected: 06/08/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-10

Matrix: Solid

Percent Solids: 90.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Arsenic	11		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Beryllium	ND		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Cadmium	1.3		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Chromium	32		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Copper	32		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Lead	620		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Nickel	41		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Selenium	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Zinc	440		3.1		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1
Antimony	ND		0.62		mg/Kg	☼	06/16/11 11:55	06/20/11 19:46	1

Client Sample ID: SS-02

Date Collected: 06/08/11 11:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-11

Matrix: Solid

Percent Solids: 91.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Arsenic	6.9		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Beryllium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Cadmium	ND		0.24		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Chromium	8.7		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Copper	19		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Lead	8.1		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Nickel	17		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Selenium	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Thallium	ND		1.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Zinc	96		3.0		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1
Antimony	ND		0.60		mg/Kg	☼	06/16/11 11:55	06/20/11 19:49	1

Client Sample ID: SS-03

Date Collected: 06/08/11 11:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-12

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.65		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Arsenic	5.9		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Beryllium	ND		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Cadmium	0.34		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Chromium	21		0.65		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Copper	34		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Lead	67		0.65		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Nickel	39		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Selenium	ND		0.65		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Zinc	99		3.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1
Antimony	ND		0.65		mg/Kg	☼	06/16/11 11:55	06/20/11 19:52	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-04

Date Collected: 06/08/11 11:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-13

Matrix: Solid

Percent Solids: 78.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.75		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Arsenic	4.7		1.5		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Beryllium	ND		0.30		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Cadmium	ND		0.30		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Chromium	7.5		0.75		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Copper	19		1.5		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Lead	10		0.75		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Nickel	16		1.5		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Selenium	ND		0.75		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Thallium	ND		1.5		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Zinc	69		3.7		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1
Antimony	ND		0.75		mg/Kg	☼	06/16/11 11:55	06/20/11 19:55	1

Client Sample ID: SS-05

Date Collected: 06/08/11 11:34

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-14

Matrix: Solid

Percent Solids: 85.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Arsenic	8.2		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Beryllium	ND		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Cadmium	0.96		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Chromium	36		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Copper	54		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Lead	250		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Nickel	42		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Selenium	ND		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Zinc	520		3.2		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1
Antimony	ND		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 19:58	1

Client Sample ID: SS-06

Date Collected: 06/08/11 12:03

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-15

Matrix: Solid

Percent Solids: 79.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.71		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Arsenic	7.1		1.4		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Beryllium	ND		0.29		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Cadmium	ND		0.29		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Chromium	24		0.71		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Copper	21		1.4		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Lead	150		0.71		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Nickel	44		1.4		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Selenium	ND		0.71		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Thallium	ND		1.4		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Zinc	120		3.6		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1
Antimony	ND		0.71		mg/Kg	☼	06/16/11 11:55	06/20/11 20:07	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-07

Date Collected: 06/08/11 12:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-16

Matrix: Solid

Percent Solids: 91.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.55		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Arsenic	11		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Beryllium	ND		0.22		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Cadmium	0.22		0.22		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Chromium	44		0.55		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Copper	26		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Lead	43		0.55		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Nickel	71		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Selenium	ND		0.55		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Thallium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Zinc	75		2.7		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1
Antimony	ND		0.55		mg/Kg	☼	06/16/11 11:55	06/20/11 20:10	1

Client Sample ID: SS-08

Date Collected: 06/08/11 12:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-17

Matrix: Solid

Percent Solids: 93.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Arsenic	14		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Beryllium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Cadmium	0.34		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Chromium	24		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Copper	59		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Lead	68		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Nickel	35		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Selenium	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Thallium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Zinc	110		2.8		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1
Antimony	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:12	1

Client Sample ID: SS-09

Date Collected: 06/08/11 13:10

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-18

Matrix: Solid

Percent Solids: 81.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Arsenic	7.9		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Beryllium	ND		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Cadmium	1.9		0.25		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Chromium	29		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Copper	520		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Lead	930		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Nickel	34		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Selenium	ND		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Zinc	400		3.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1
Antimony	0.74		0.63		mg/Kg	☼	06/16/11 11:55	06/20/11 20:15	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-10

Date Collected: 06/08/11 13:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-19

Matrix: Solid

Percent Solids: 79.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Arsenic	5.4		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Beryllium	ND		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Cadmium	ND		0.26		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Chromium	11		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Copper	23		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Lead	43		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Nickel	18		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Selenium	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Thallium	ND		1.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Zinc	56		3.3		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1
Antimony	ND		0.66		mg/Kg	☼	06/16/11 11:55	06/20/11 20:18	1

Client Sample ID: DUPLICATE-10

Date Collected: 06/08/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-30

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Arsenic	7.0		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Beryllium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Cadmium	ND		0.23		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Chromium	11		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Copper	19		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Lead	27		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Nickel	16		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Selenium	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Thallium	ND		1.1		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Zinc	88		2.9		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1
Antimony	ND		0.57		mg/Kg	☼	06/16/11 11:55	06/20/11 20:21	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0		ug/L			06/22/11 15:59	1
Arsenic	ND		10		ug/L			06/22/11 15:59	1
Beryllium	ND		1.0		ug/L			06/22/11 15:59	1
Cadmium	ND		1.0		ug/L			06/22/11 15:59	1
Chromium	ND		5.0		ug/L			06/22/11 15:59	1
Copper	ND		10		ug/L			06/22/11 15:59	1
Lead	ND		5.0		ug/L			06/22/11 15:59	1
Nickel	ND		10		ug/L			06/22/11 15:59	1
Selenium	ND		10		ug/L			06/22/11 15:59	1
Thallium	ND		10		ug/L			06/22/11 15:59	1
Zinc	ND		50		ug/L			06/22/11 15:59	1
Antimony	ND		6.0		ug/L			06/22/11 15:59	1

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0		ug/L			06/22/11 16:11	1
Arsenic	ND		10		ug/L			06/22/11 16:11	1
Beryllium	ND		1.0		ug/L			06/22/11 16:11	1
Cadmium	ND		1.0		ug/L			06/22/11 16:11	1
Chromium	ND		5.0		ug/L			06/22/11 16:11	1
Copper	ND		10		ug/L			06/22/11 16:11	1
Lead	ND		5.0		ug/L			06/22/11 16:11	1
Nickel	ND		10		ug/L			06/22/11 16:11	1
Selenium	ND		10		ug/L			06/22/11 16:11	1
Thallium	ND		10		ug/L			06/22/11 16:11	1
Zinc	ND		50		ug/L			06/22/11 16:11	1
Antimony	ND		6.0		ug/L			06/22/11 16:11	1

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0		ug/L			06/22/11 16:13	1
Arsenic	ND		10		ug/L			06/22/11 16:13	1
Beryllium	ND		1.0		ug/L			06/22/11 16:13	1
Cadmium	ND		1.0		ug/L			06/22/11 16:13	1
Chromium	ND		5.0		ug/L			06/22/11 16:13	1
Copper	ND		10		ug/L			06/22/11 16:13	1
Lead	ND		5.0		ug/L			06/22/11 16:13	1
Nickel	ND		10		ug/L			06/22/11 16:13	1
Selenium	ND		10		ug/L			06/22/11 16:13	1
Thallium	ND		10		ug/L			06/22/11 16:13	1
Zinc	ND		50		ug/L			06/22/11 16:13	1
Antimony	ND		6.0		ug/L			06/22/11 16:13	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		5.0		ug/L			06/22/11 16:18	1
Arsenic	ND		10		ug/L			06/22/11 16:18	1
Beryllium	ND		1.0		ug/L			06/22/11 16:18	1
Cadmium	ND		1.0		ug/L			06/22/11 16:18	1
Chromium	ND		5.0		ug/L			06/22/11 16:18	1
Copper	ND		10		ug/L			06/22/11 16:18	1
Lead	ND		5.0		ug/L			06/22/11 16:18	1
Nickel	ND		10		ug/L			06/22/11 16:18	1
Selenium	ND		10		ug/L			06/22/11 16:18	1
Thallium	ND		10		ug/L			06/22/11 16:18	1
Zinc	ND		50		ug/L			06/22/11 16:18	1
Antimony	ND		6.0		ug/L			06/22/11 16:18	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7470A - Mercury (CVAA) - Dissolved

Client Sample ID: SB-102

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		06/14/11 08:47	06/16/11 12:52	1

Client Sample ID: SB-103

Date Collected: 06/09/11 15:35

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		06/14/11 09:03	06/16/11 12:56	1

Client Sample ID: SB-104

Date Collected: 06/09/11 14:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		06/14/11 09:03	06/16/11 12:58	1

Client Sample ID: DUPLICATE-11

Date Collected: 06/09/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-24

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		06/14/11 09:03	06/16/11 13:00	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: GB4-26

Date Collected: 06/07/11 09:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-1

Matrix: Solid

Percent Solids: 88.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.091		mg/Kg	☼	06/16/11 14:04	06/17/11 11:55	1

Client Sample ID: GB3-33

Date Collected: 06/07/11 09:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-2

Matrix: Solid

Percent Solids: 89.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.097		mg/Kg	☼	06/16/11 14:04	06/17/11 12:12	1

Client Sample ID: GB2-43

Date Collected: 06/07/11 09:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-3

Matrix: Solid

Percent Solids: 86.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg	☼	06/16/11 14:04	06/17/11 12:14	1

Client Sample ID: GB1-117

Date Collected: 06/07/11 10:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-4

Matrix: Solid

Percent Solids: 94.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.2		0.085		mg/Kg	☼	06/16/11 14:04	06/17/11 11:50	1

Client Sample ID: CB2-16

Date Collected: 06/07/11 12:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-5

Matrix: Solid

Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.079		mg/Kg	☼	06/16/11 14:04	06/17/11 12:16	1

Client Sample ID: CB4-5

Date Collected: 06/07/11 12:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-6

Matrix: Solid

Percent Solids: 91.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.087		mg/Kg	☼	06/16/11 14:04	06/17/11 12:17	1

Client Sample ID: CB3-8

Date Collected: 06/07/11 12:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-7

Matrix: Solid

Percent Solids: 89.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.097		mg/Kg	☼	06/16/11 14:04	06/17/11 12:19	1

Client Sample ID: CB3-12

Date Collected: 06/07/11 12:40

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-8

Matrix: Solid

Percent Solids: 88.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.45		0.081		mg/Kg	☼	06/16/11 14:04	06/17/11 12:21	1

Client Sample ID: DUPLICATE-12

Date Collected: 06/07/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-9

Matrix: Solid

Percent Solids: 86.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg	☼	06/16/11 14:04	06/17/11 12:23	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SS-01
Date Collected: 06/08/11 10:50
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-10
Matrix: Solid
Percent Solids: 90.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.079		mg/Kg	☼	06/16/11 14:04	06/17/11 12:24	1

Client Sample ID: SS-02
Date Collected: 06/08/11 11:00
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-11
Matrix: Solid
Percent Solids: 91.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099		mg/Kg	☼	06/16/11 14:04	06/17/11 12:26	1

Client Sample ID: SS-03
Date Collected: 06/08/11 11:15
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-12
Matrix: Solid
Percent Solids: 87.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.59		0.095		mg/Kg	☼	06/16/11 14:04	06/17/11 12:28	1

Client Sample ID: SS-04
Date Collected: 06/08/11 11:25
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-13
Matrix: Solid
Percent Solids: 78.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.091		mg/Kg	☼	06/16/11 14:04	06/17/11 12:33	1

Client Sample ID: SS-05
Date Collected: 06/08/11 11:34
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-14
Matrix: Solid
Percent Solids: 85.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.091		mg/Kg	☼	06/16/11 14:04	06/17/11 12:35	1

Client Sample ID: SS-06
Date Collected: 06/08/11 12:03
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-15
Matrix: Solid
Percent Solids: 79.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.097		mg/Kg	☼	06/16/11 14:04	06/17/11 12:37	1

Client Sample ID: SS-07
Date Collected: 06/08/11 12:20
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-16
Matrix: Solid
Percent Solids: 91.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099		mg/Kg	☼	06/16/11 14:04	06/17/11 12:39	1

Client Sample ID: SS-08
Date Collected: 06/08/11 12:25
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-17
Matrix: Solid
Percent Solids: 93.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.4		0.089		mg/Kg	☼	06/16/11 14:04	06/17/11 12:46	1

Client Sample ID: SS-09
Date Collected: 06/08/11 13:10
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-18
Matrix: Solid
Percent Solids: 81.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50		0.10		mg/Kg	☼	06/16/11 14:04	06/17/11 12:48	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SS-10

Date Collected: 06/08/11 13:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-19

Matrix: Solid

Percent Solids: 79.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg	☼	06/16/11 14:04	06/17/11 12:50	1

Client Sample ID: DUPLICATE-10

Date Collected: 06/08/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-30

Matrix: Solid

Percent Solids: 91.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099		mg/Kg	☼	06/16/11 14:04	06/17/11 12:52	1

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

General Chemistry

Client Sample ID: GB4-26

Date Collected: 06/07/11 09:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-1

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/20/11 11:46	1
Percent Solids	88		1.0		%			06/20/11 11:46	1

Client Sample ID: GB3-33

Date Collected: 06/07/11 09:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-2

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/20/11 11:46	1
Percent Solids	89		1.0		%			06/20/11 11:46	1

Client Sample ID: GB2-43

Date Collected: 06/07/11 09:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-3

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		1.0		%			06/20/11 11:46	1
Percent Solids	86		1.0		%			06/20/11 11:46	1

Client Sample ID: GB1-117

Date Collected: 06/07/11 10:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-4

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		1.0		%			06/20/11 11:46	1
Percent Solids	94		1.0		%			06/20/11 11:46	1

Client Sample ID: CB2-16

Date Collected: 06/07/11 12:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-5

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/20/11 11:46	1
Percent Solids	88		1.0		%			06/20/11 11:46	1

Client Sample ID: CB4-5

Date Collected: 06/07/11 12:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-6

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.5		1.0		%			06/20/11 11:46	1
Percent Solids	91		1.0		%			06/20/11 11:46	1

Client Sample ID: CB3-8

Date Collected: 06/07/11 12:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-7

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		1.0		%			06/20/11 11:46	1
Percent Solids	89		1.0		%			06/20/11 11:46	1

Client Sample ID: CB3-12

Date Collected: 06/07/11 12:40

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-8

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/20/11 11:46	1
Percent Solids	88		1.0		%			06/20/11 11:46	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

General Chemistry

Client Sample ID: DUPLICATE-12

Date Collected: 06/07/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-9

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		1.0		%			06/20/11 11:46	1
Percent Solids	87		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-01

Date Collected: 06/08/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-10

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		1.0		%			06/20/11 11:46	1
Percent Solids	90		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-02

Date Collected: 06/08/11 11:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-11

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.3		1.0		%			06/20/11 11:46	1
Percent Solids	92		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-03

Date Collected: 06/08/11 11:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-12

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		1.0		%			06/20/11 11:46	1
Percent Solids	88		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-04

Date Collected: 06/08/11 11:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-13

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		1.0		%			06/20/11 11:46	1
Percent Solids	79		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-05

Date Collected: 06/08/11 11:34

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-14

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		1.0		%			06/20/11 11:46	1
Percent Solids	85		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-06

Date Collected: 06/08/11 12:03

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-15

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		1.0		%			06/20/11 11:46	1
Percent Solids	79		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-07

Date Collected: 06/08/11 12:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-16

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.3		1.0		%			06/20/11 11:46	1
Percent Solids	92		1.0		%			06/20/11 11:46	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

General Chemistry

Client Sample ID: SS-08

Date Collected: 06/08/11 12:25

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-17

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.5		1.0		%			06/20/11 11:46	1
Percent Solids	94		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-09

Date Collected: 06/08/11 13:10

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-18

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		1.0		%			06/20/11 11:46	1
Percent Solids	82		1.0		%			06/20/11 11:46	1

Client Sample ID: SS-10

Date Collected: 06/08/11 13:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-19

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0		%			06/20/11 11:46	1
Percent Solids	80		1.0		%			06/20/11 11:46	1

Client Sample ID: SB-101 (1.5-2.0')

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-25

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.6		1.0		%			06/20/11 11:46	1
Percent Solids	92		1.0		%			06/20/11 11:46	1

Client Sample ID: SB-102 (0-0.9')

Date Collected: 06/09/11 10:45

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-26

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	27		1.0		%			06/20/11 11:46	1
Percent Solids	73		1.0		%			06/20/11 11:46	1

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 06/09/11 11:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-27

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	28		1.0		%			06/20/11 11:46	1
Percent Solids	72		1.0		%			06/20/11 11:46	1

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 06/09/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-28

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		1.0		%			06/20/11 11:46	1
Percent Solids	80		1.0		%			06/20/11 11:46	1

Client Sample ID: DUPLICATE-1

Date Collected: 06/09/11 10:55

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-29

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	25		1.0		%			06/21/11 11:43	1
Percent Solids	75		1.0		%			06/21/11 11:43	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

General Chemistry

Client Sample ID: DUPLICATE-10

Date Collected: 06/08/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-30

Matrix: Solid

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		1.0		%			06/21/11 11:43	1
Percent Solids	92		1.0		%			06/21/11 11:43	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Metals

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F	Duplicate RPD exceeds the control limit
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

GC/MS VOA

Analysis Batch: 75270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-75270/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 360-75270/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 360-75270/6	Method Blank	Total/NA	Water	8260B	
360-34412-21	SB-102	Total/NA	Water	8260B	
360-34412-22	SB-103	Total/NA	Water	8260B	
360-34412-23	SB-104	Total/NA	Water	8260B	
360-34412-24	DUPLICATE-11	Total/NA	Water	8260B	

Analysis Batch: 75741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-75787/1-A	Lab Control Sample	Total/NA	Solid	8260B	75787
LCSD 360-75787/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	75787
MB 360-75787/3-A	Method Blank	Total/NA	Solid	8260B	75787
360-34412-25	SB-101 (1.5-2.0')	Total/NA	Solid	8260B	75787
360-34412-26	SB-102 (0-0.9')	Total/NA	Solid	8260B	75787
360-34412-27	SB-103 (1.2-1.6')	Total/NA	Solid	8260B	75787
360-34412-28	SB-104 (1.3-1.6')	Total/NA	Solid	8260B	75787
360-34412-29	DUPLICATE-1	Total/NA	Solid	8260B	75787

Prep Batch: 75787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-75787/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 360-75787/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 360-75787/3-A	Method Blank	Total/NA	Solid	5035	
360-34412-25	SB-101 (1.5-2.0')	Total/NA	Solid	5035	
360-34412-26	SB-102 (0-0.9')	Total/NA	Solid	5035	
360-34412-27	SB-103 (1.2-1.6')	Total/NA	Solid	5035	
360-34412-28	SB-104 (1.3-1.6')	Total/NA	Solid	5035	
360-34412-29	DUPLICATE-1	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 75374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75374/1-A	Method Blank	Total/NA	Water	3510C	
LCS 360-75374/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 360-75374/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
360-34412-21	SB-102	Total/NA	Water	3510C	
360-34412-22	SB-103	Total/NA	Water	3510C	
360-34412-23	SB-104	Total/NA	Water	3510C	
360-34412-24	DUPLICATE-11	Total/NA	Water	3510C	

Analysis Batch: 75382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75374/1-A	Method Blank	Total/NA	Water	8270C	75374
LCS 360-75374/2-A	Lab Control Sample	Total/NA	Water	8270C	75374
LCSD 360-75374/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	75374
360-34412-21	SB-102	Total/NA	Water	8270C	75374
360-34412-22	SB-103	Total/NA	Water	8270C	75374
360-34412-23	SB-104	Total/NA	Water	8270C	75374
360-34412-24	DUPLICATE-11	Total/NA	Water	8270C	75374

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

GC Semi VOA

Prep Batch: 75316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75316/1-A	Method Blank	Total/NA	Water	3510C	
LCS 360-75316/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 360-75316/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
360-34412-21	SB-102	Total/NA	Water	3510C	
360-34412-22	SB-103	Total/NA	Water	3510C	
360-34412-23	SB-104	Total/NA	Water	3510C	
360-34412-24	DUPLICATE-11	Total/NA	Water	3510C	

Analysis Batch: 75530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75316/1-A	Method Blank	Total/NA	Water	8082	75316
LCS 360-75316/2-A	Lab Control Sample	Total/NA	Water	8082	75316
LCSD 360-75316/3-A	Lab Control Sample Dup	Total/NA	Water	8082	75316
360-34412-21	SB-102	Total/NA	Water	8082	75316
360-34412-22	SB-103	Total/NA	Water	8082	75316
360-34412-23	SB-104	Total/NA	Water	8082	75316
360-34412-24	DUPLICATE-11	Total/NA	Water	8082	75316

Metals

Prep Batch: 75190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75190/1-A	Method Blank	Total/NA	Water	7470A	
LCS 360-75190/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 360-75190/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
360-34412-21	SB-102	Dissolved	Water	7470A	
360-34412-22	SB-103	Dissolved	Water	7470A	
360-34412-23	SB-104	Dissolved	Water	7470A	
360-34412-24	DUPLICATE-11	Dissolved	Water	7470A	

Prep Batch: 75367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75367/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 360-75367/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCDSRM 360-75367/3-A LCDSI	Lab Control Sample Dup	Total/NA	Solid	3050B	
360-34412-4	GB1-117	Total/NA	Solid	3050B	
360-34412-4 DU	GB1-117	Total/NA	Solid	3050B	
360-34412-4 MS	GB1-117	Total/NA	Solid	3050B	
360-34412-1	GB4-26	Total/NA	Solid	3050B	
360-34412-2	GB3-33	Total/NA	Solid	3050B	
360-34412-3	GB2-43	Total/NA	Solid	3050B	
360-34412-5	CB2-16	Total/NA	Solid	3050B	
360-34412-6	CB4-5	Total/NA	Solid	3050B	
360-34412-7	CB3-8	Total/NA	Solid	3050B	
360-34412-8	CB3-12	Total/NA	Solid	3050B	
360-34412-9	DUPLICATE-12	Total/NA	Solid	3050B	
360-34412-10	SS-01	Total/NA	Solid	3050B	
360-34412-11	SS-02	Total/NA	Solid	3050B	
360-34412-12	SS-03	Total/NA	Solid	3050B	
360-34412-13	SS-04	Total/NA	Solid	3050B	
360-34412-14	SS-05	Total/NA	Solid	3050B	
360-34412-15	SS-06	Total/NA	Solid	3050B	

TestAmerica Westfield

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Metals (Continued)

Prep Batch: 75367 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34412-16	SS-07	Total/NA	Solid	3050B	
360-34412-17	SS-08	Total/NA	Solid	3050B	
360-34412-18	SS-09	Total/NA	Solid	3050B	
360-34412-19	SS-10	Total/NA	Solid	3050B	
360-34412-30	DUPLICATE-10	Total/NA	Solid	3050B	

Prep Batch: 75375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75375/1-A	Method Blank	Total/NA	Solid	7471A	
LCSSRM 360-75375/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCDSRM 360-75375/3-A LCDSI	Lab Control Sample Dup	Total/NA	Solid	7471A	
360-34412-4	GB1-117	Total/NA	Solid	7471A	
360-34412-4 DU	GB1-117	Total/NA	Solid	7471A	
360-34412-4 MS	GB1-117	Total/NA	Solid	7471A	
360-34412-1	GB4-26	Total/NA	Solid	7471A	
360-34412-2	GB3-33	Total/NA	Solid	7471A	
360-34412-3	GB2-43	Total/NA	Solid	7471A	
360-34412-5	CB2-16	Total/NA	Solid	7471A	
360-34412-6	CB4-5	Total/NA	Solid	7471A	
360-34412-7	CB3-8	Total/NA	Solid	7471A	
360-34412-8	CB3-12	Total/NA	Solid	7471A	
360-34412-9	DUPLICATE-12	Total/NA	Solid	7471A	
360-34412-10	SS-01	Total/NA	Solid	7471A	
360-34412-11	SS-02	Total/NA	Solid	7471A	
360-34412-12	SS-03	Total/NA	Solid	7471A	
360-34412-13	SS-04	Total/NA	Solid	7471A	
360-34412-14	SS-05	Total/NA	Solid	7471A	
360-34412-15	SS-06	Total/NA	Solid	7471A	
360-34412-16	SS-07	Total/NA	Solid	7471A	
360-34412-17	SS-08	Total/NA	Solid	7471A	
360-34412-18	SS-09	Total/NA	Solid	7471A	
360-34412-19	SS-10	Total/NA	Solid	7471A	
360-34412-30	DUPLICATE-10	Total/NA	Solid	7471A	

Analysis Batch: 75378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75190/1-A	Method Blank	Total/NA	Water	7470A	75190
LCS 360-75190/2-A	Lab Control Sample	Total/NA	Water	7470A	75190
LCSD 360-75190/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	75190
360-34412-21	SB-102	Dissolved	Water	7470A	75190
360-34412-22	SB-103	Dissolved	Water	7470A	75190
360-34412-23	SB-104	Dissolved	Water	7470A	75190
360-34412-24	DUPLICATE-11	Dissolved	Water	7470A	75190

Analysis Batch: 75450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75375/1-A	Method Blank	Total/NA	Solid	7471A	75375
LCSSRM 360-75375/2-A	Lab Control Sample	Total/NA	Solid	7471A	75375
LCDSRM 360-75375/3-A LCDSI	Lab Control Sample Dup	Total/NA	Solid	7471A	75375
360-34412-4	GB1-117	Total/NA	Solid	7471A	75375
360-34412-1	GB4-26	Total/NA	Solid	7471A	75375
360-34412-4 DU	GB1-117	Total/NA	Solid	7471A	75375

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Metals (Continued)

Analysis Batch: 75450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34412-4 MS	GB1-117	Total/NA	Solid	7471A	75375
360-34412-2	GB3-33	Total/NA	Solid	7471A	75375
360-34412-3	GB2-43	Total/NA	Solid	7471A	75375
360-34412-5	CB2-16	Total/NA	Solid	7471A	75375
360-34412-6	CB4-5	Total/NA	Solid	7471A	75375
360-34412-7	CB3-8	Total/NA	Solid	7471A	75375
360-34412-8	CB3-12	Total/NA	Solid	7471A	75375
360-34412-9	DUPLICATE-12	Total/NA	Solid	7471A	75375
360-34412-10	SS-01	Total/NA	Solid	7471A	75375
360-34412-11	SS-02	Total/NA	Solid	7471A	75375
360-34412-12	SS-03	Total/NA	Solid	7471A	75375
360-34412-13	SS-04	Total/NA	Solid	7471A	75375
360-34412-14	SS-05	Total/NA	Solid	7471A	75375
360-34412-15	SS-06	Total/NA	Solid	7471A	75375
360-34412-16	SS-07	Total/NA	Solid	7471A	75375
360-34412-17	SS-08	Total/NA	Solid	7471A	75375
360-34412-18	SS-09	Total/NA	Solid	7471A	75375
360-34412-19	SS-10	Total/NA	Solid	7471A	75375
360-34412-30	DUPLICATE-10	Total/NA	Solid	7471A	75375

Analysis Batch: 75618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 360-75367/1-A	Method Blank	Total/NA	Solid	6010B	75367
LCSSRM 360-75367/2-A	Lab Control Sample	Total/NA	Solid	6010B	75367
360-34412-1	GB4-26	Total/NA	Solid	6010B	75367
360-34412-2	GB3-33	Total/NA	Solid	6010B	75367
360-34412-3	GB2-43	Total/NA	Solid	6010B	75367
360-34412-5	CB2-16	Total/NA	Solid	6010B	75367
360-34412-6	CB4-5	Total/NA	Solid	6010B	75367
360-34412-7	CB3-8	Total/NA	Solid	6010B	75367
360-34412-8	CB3-12	Total/NA	Solid	6010B	75367
360-34412-9	DUPLICATE-12	Total/NA	Solid	6010B	75367
360-34412-10	SS-01	Total/NA	Solid	6010B	75367
360-34412-11	SS-02	Total/NA	Solid	6010B	75367
360-34412-12	SS-03	Total/NA	Solid	6010B	75367
360-34412-13	SS-04	Total/NA	Solid	6010B	75367
360-34412-14	SS-05	Total/NA	Solid	6010B	75367
360-34412-15	SS-06	Total/NA	Solid	6010B	75367
360-34412-16	SS-07	Total/NA	Solid	6010B	75367
360-34412-17	SS-08	Total/NA	Solid	6010B	75367
360-34412-18	SS-09	Total/NA	Solid	6010B	75367
360-34412-19	SS-10	Total/NA	Solid	6010B	75367
360-34412-30	DUPLICATE-10	Total/NA	Solid	6010B	75367
360-34412-4	GB1-117	Total/NA	Solid	6010B	75367
360-34412-4 DU	GB1-117	Total/NA	Solid	6010B	75367
360-34412-4 MS	GB1-117	Total/NA	Solid	6010B	75367

Analysis Batch: 75803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-75803/1	Lab Control Sample	Total/NA	Water	6010B	
MB 360-75803/2	Method Blank	Total/NA	Water	6010B	
360-34412-21	SB-102	Dissolved	Water	6010B	

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Metals (Continued)

Analysis Batch: 75803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34412-21 DU	SB-102	Dissolved	Water	6010B	
360-34412-21 MS	SB-102	Dissolved	Water	6010B	
360-34412-22	SB-103	Dissolved	Water	6010B	
360-34412-23	SB-104	Dissolved	Water	6010B	
360-34412-24	DUPLICATE-11	Dissolved	Water	6010B	
LCSD 360-75803/12	Lab Control Sample Dup	Total/NA	Water	6010B	

Analysis Batch: 75804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCDSRM 360-75367/3-A LCDSI	Lab Control Sample Dup	Total/NA	Solid	6010B	75367

General Chemistry

Analysis Batch: 75547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34412-1	GB4-26	Total/NA	Solid	Moisture	
360-34412-2	GB3-33	Total/NA	Solid	Moisture	
360-34412-3	GB2-43	Total/NA	Solid	Moisture	
360-34412-7	CB3-8	Total/NA	Solid	Moisture	
360-34412-8	CB3-12	Total/NA	Solid	Moisture	
360-34412-9	DUPLICATE-12	Total/NA	Solid	Moisture	
360-34412-9 DU	DUPLICATE-12	Total/NA	Solid	Moisture	
360-34412-10	SS-01	Total/NA	Solid	Moisture	
360-34412-11	SS-02	Total/NA	Solid	Moisture	
360-34412-12	SS-03	Total/NA	Solid	Moisture	
360-34412-13	SS-04	Total/NA	Solid	Moisture	
360-34412-14	SS-05	Total/NA	Solid	Moisture	
360-34412-15	SS-06	Total/NA	Solid	Moisture	
360-34412-16	SS-07	Total/NA	Solid	Moisture	
360-34412-17	SS-08	Total/NA	Solid	Moisture	
360-34412-18	SS-09	Total/NA	Solid	Moisture	
360-34412-19	SS-10	Total/NA	Solid	Moisture	
360-34412-27	SB-103 (1.2-1.6')	Total/NA	Solid	Moisture	
360-34412-28	SB-104 (1.3-1.6')	Total/NA	Solid	Moisture	
360-34412-4	GB1-117	Total/NA	Solid	Moisture	
360-34412-5	CB2-16	Total/NA	Solid	Moisture	
360-34412-6	CB4-5	Total/NA	Solid	Moisture	
360-34412-6 DU	CB4-5	Total/NA	Solid	Moisture	
360-34412-26	SB-102 (0-0.9')	Total/NA	Solid	Moisture	
360-34412-25	SB-101 (1.5-2.0')	Total/NA	Solid	Moisture	

Analysis Batch: 75633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
360-34412-30	DUPLICATE-10	Total/NA	Solid	Moisture	
360-34412-30 DU	DUPLICATE-10	Total/NA	Solid	Moisture	
360-34412-29	DUPLICATE-1	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
360-34412-25	SB-101 (1.5-2.0')	104	101	100
360-34412-26	SB-102 (0-0.9')	105	100	100
360-34412-27	SB-103 (1.2-1.6')	104	101	101
360-34412-28	SB-104 (1.3-1.6')	102	99	103
360-34412-29	DUPLICATE-1	104	100	102
LCS 360-75787/1-A	Lab Control Sample	105	98	106
LCSD 360-75787/2-A	Lab Control Sample Dup	100	100	105
MB 360-75787/3-A	Method Blank	104	99	104
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

Method: 8260B - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
360-34412-21	SB-102	95	106	101
360-34412-22	SB-103	96	106	102
360-34412-23	SB-104	96	105	99
360-34412-24	DUPLICATE-11	97	104	100
LCS 360-75270/3	Lab Control Sample	96	104	102
LCSD 360-75270/4	Lab Control Sample Dup	94	105	102
MB 360-75270/6	Method Blank	96	104	101
Surrogate Legend				
BFB = 4-Bromofluorobenzene				
DBFM = Dibromofluoromethane				
TOL = Toluene-d8 (Surr)				

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (30-130)	FBP (30-130)	TPH (30-130)
360-34412-21	SB-102	67	74	74
360-34412-22	SB-103	70	74	86
360-34412-23	SB-104	72	72	80
360-34412-24	DUPLICATE-11	76	78	86
LCS 360-75374/2-A	Lab Control Sample	89	89	110
LCSD 360-75374/3-A	Lab Control Sample Dup	82	85	93
MB 360-75374/1-A	Method Blank	83	88	86
Surrogate Legend				
NBZ = Nitrobenzene-d5				
FBP = 2-Fluorobiphenyl				
TPH = Terphenyl-d14				

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (10-133)	DCB2 (10-133)	TCX1 (36-121)	TCX2 (36-121)
360-34412-21	SB-102	79	74	88	87
360-34412-22	SB-103	75	72	95	97
360-34412-23	SB-104	70	64	89	87
360-34412-24	DUPLICATE-11	85	78	94	90
LCS 360-75316/2-A	Lab Control Sample	111	109	85	77
LCSD 360-75316/3-A	Lab Control Sample Dup	111	101	93	78
MB 360-75316/1-A	Method Blank	107	104	79	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 360-75787/3-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1,1-Trichloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1,2,2-Tetrachloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1,2-Trichloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1-Dichloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1-Dichloroethene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,1-Dichloropropene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2,3-Trichlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2,4-Trichlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2,4-Trimethylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2,3-Trichloropropane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2-Dibromo-3-Chloropropane	ND		1300		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2-Dichlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2-Dichloroethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,2-Dichloropropane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,3,5-Trimethylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,3-Dichlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
1,4-Dichlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
2,2-Dichloropropane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Acetone	ND		13000		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Benzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Bromoform	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Bromobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Bromomethane	ND		250		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Carbon tetrachloride	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chlorobenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chlorobromomethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chlorodibromomethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chloroethane	ND		250		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chloroform	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Chloromethane	ND		250		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
cis-1,2-Dichloroethene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
cis-1,3-Dichloropropene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Dibromomethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Dichlorobromomethane	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Ethylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Ethylene Dibromide	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
2-Chlorotoluene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
4-Chlorotoluene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Hexachlorobutadiene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Isopropylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
m-Xylene & p-Xylene	ND		250		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
2-Butanone (MEK)	ND		1300		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		1300		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Methylene Chloride	ND		500		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
N-Propylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
n-Butylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Naphthalene	ND		1300		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
o-Xylene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 360-75787/3-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
tert-Butylbenzene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Tetrachloroethene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Toluene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
trans-1,2-Dichloroethene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Trichloroethene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Vinyl chloride	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Methyl tert-butyl ether	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Trichlorofluoromethane	ND		250		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
trans-1,3-Dichloropropene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
Styrene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
2-Hexanone	ND		1300		ug/Kg		06/22/11 08:26	06/22/11 15:39	1
4-Isopropyltoluene	ND		130		ug/Kg		06/22/11 08:26	06/22/11 15:39	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130	06/22/11 08:26	06/22/11 15:39	1
Dibromofluoromethane	99		70 - 130	06/22/11 08:26	06/22/11 15:39	1
Toluene-d8 (Surr)	104		70 - 130	06/22/11 08:26	06/22/11 15:39	1

Lab Sample ID: LCS 360-75787/1-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
1,1,1,2-Tetrachloroethane	5000	5150		ug/Kg		103	70 - 130
1,1,1-Trichloroethane	5000	5350		ug/Kg		107	70 - 130
1,1,2,2-Tetrachloroethane	5000	4730		ug/Kg		95	70 - 130
1,1,2-Trichloroethane	5000	5450		ug/Kg		109	70 - 130
1,1-Dichloroethane	5000	5630		ug/Kg		113	70 - 130
1,1-Dichloroethene	5000	5280		ug/Kg		106	70 - 130
1,1-Dichloropropene	5000	5680		ug/Kg		114	70 - 130
1,2,3-Trichlorobenzene	5000	4830		ug/Kg		97	70 - 130
1,2,4-Trichlorobenzene	5000	4830		ug/Kg		97	70 - 130
1,2,4-Trimethylbenzene	5000	7200	*	ug/Kg		144	70 - 130
1,2,3-Trichloropropane	5000	5080		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	5000	4500		ug/Kg		90	70 - 130
1,2-Dichlorobenzene	5000	4850		ug/Kg		97	70 - 130
1,2-Dichloroethane	5000	5700		ug/Kg		114	70 - 130
1,2-Dichloropropane	5000	5630		ug/Kg		113	70 - 130
1,3,5-Trimethylbenzene	5000	5480		ug/Kg		110	70 - 130
1,3-Dichlorobenzene	5000	5180		ug/Kg		104	70 - 130
1,4-Dichlorobenzene	5000	4780		ug/Kg		96	70 - 130
2,2-Dichloropropane	5000	5980		ug/Kg		120	70 - 130
Acetone	50000	53000		ug/Kg		106	70 - 130
Benzene	5000	5530		ug/Kg		111	70 - 130
Bromoform	5000	4550		ug/Kg		91	70 - 130
Bromobenzene	5000	5380		ug/Kg		108	70 - 130
Bromomethane	5000	4950		ug/Kg		99	70 - 130
Carbon tetrachloride	5000	5230		ug/Kg		105	70 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 360-75787/1-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
							Limits	
Chlorobenzene	5000	5050		ug/Kg		101	70 - 130	
Chlorobromomethane	5000	5280		ug/Kg		106	70 - 130	
Chlorodibromomethane	5000	5350		ug/Kg		107	70 - 130	
Chloroethane	5000	5350		ug/Kg		107	70 - 130	
Chloroform	5000	5550		ug/Kg		111	70 - 130	
Chloromethane	5000	4350		ug/Kg		87	70 - 130	
cis-1,2-Dichloroethene	5000	5650		ug/Kg		113	70 - 130	
cis-1,3-Dichloropropene	5000	5530		ug/Kg		111	70 - 130	
Dibromomethane	5000	5480		ug/Kg		110	70 - 130	
Dichlorobromomethane	5000	5630		ug/Kg		113	70 - 130	
Ethylbenzene	5000	5280		ug/Kg		106	70 - 130	
Ethylene Dibromide	5000	5330		ug/Kg		107	70 - 130	
2-Chlorotoluene	5000	5350		ug/Kg		107	70 - 130	
4-Chlorotoluene	5000	5180		ug/Kg		104	70 - 130	
Hexachlorobutadiene	5000	4580		ug/Kg		92	70 - 130	
Isopropylbenzene	5000	5450		ug/Kg		109	70 - 130	
m-Xylene & p-Xylene	10000	10600		ug/Kg		106	70 - 130	
2-Butanone (MEK)	50000	56000		ug/Kg		112	70 - 130	
4-Methyl-2-pentanone (MIBK)	50000	61200		ug/Kg		122	70 - 130	
Methylene Chloride	5000	5080		ug/Kg		102	70 - 130	
N-Propylbenzene	5000	5580		ug/Kg		112	70 - 130	
n-Butylbenzene	5000	5330		ug/Kg		107	70 - 130	
Naphthalene	5000	4880		ug/Kg		98	70 - 130	
o-Xylene	5000	5350		ug/Kg		107	70 - 130	
sec-Butylbenzene	5000	5430		ug/Kg		109	70 - 130	
tert-Butylbenzene	5000	5400		ug/Kg		108	70 - 130	
Tetrachloroethene	5000	5680		ug/Kg		114	70 - 130	
Toluene	5000	5580		ug/Kg		112	70 - 130	
trans-1,2-Dichloroethene	5000	5550		ug/Kg		111	70 - 130	
Trichloroethene	5000	5700		ug/Kg		114	70 - 130	
Vinyl chloride	5000	5080		ug/Kg		102	70 - 130	
Methyl tert-butyl ether	5000	5550		ug/Kg		111	70 - 130	
Trichlorofluoromethane	5000	4980		ug/Kg		100	70 - 130	
trans-1,3-Dichloropropene	5000	5730		ug/Kg		115	70 - 130	
Styrene	5000	5280		ug/Kg		106	70 - 130	
2-Hexanone	50000	61100		ug/Kg		122	70 - 130	
4-Isopropyltoluene	5000	5580		ug/Kg		112	70 - 130	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8 (Surr)	106		70 - 130

Lab Sample ID: LCSD 360-75787/2-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits		RPD	
							Limits		RPD	Limit
1,1,1,2-Tetrachloroethane	5000	5180		ug/Kg		104	70 - 130		0	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-75787/2-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits			
1,1,1-Trichloroethane	5000	5700		ug/Kg		114	70 - 130		6	25
1,1,1,2-Tetrachloroethane	5000	4950		ug/Kg		99	70 - 130		5	25
1,1,2-Trichloroethane	5000	5550		ug/Kg		111	70 - 130		2	25
1,1-Dichloroethane	5000	5930		ug/Kg		119	70 - 130		5	25
1,1-Dichloroethene	5000	5600		ug/Kg		112	70 - 130		6	25
1,1-Dichloropropene	5000	5930		ug/Kg		119	70 - 130		4	25
1,2,3-Trichlorobenzene	5000	5080		ug/Kg		102	70 - 130		5	25
1,2,4-Trichlorobenzene	5000	5150		ug/Kg		103	70 - 130		7	25
1,2,4-Trimethylbenzene	5000	7200 *		ug/Kg		144	70 - 130		0	25
1,2,3-Trichloropropane	5000	5030		ug/Kg		101	70 - 130		1	25
1,2-Dibromo-3-Chloropropane	5000	4830		ug/Kg		97	70 - 130		7	25
1,2-Dichlorobenzene	5000	5050		ug/Kg		101	70 - 130		4	25
1,2-Dichloroethane	5000	5780		ug/Kg		116	70 - 130		1	25
1,2-Dichloropropane	5000	5850		ug/Kg		117	70 - 130		4	25
1,3,5-Trimethylbenzene	5000	5500		ug/Kg		110	70 - 130		0	25
1,3-Dichlorobenzene	5000	5130		ug/Kg		103	70 - 130		1	25
1,4-Dichlorobenzene	5000	4900		ug/Kg		98	70 - 130		3	25
2,2-Dichloropropane	5000	5550		ug/Kg		111	70 - 130		7	25
Acetone	50000	55600		ug/Kg		111	70 - 130		5	25
Benzene	5000	5780		ug/Kg		116	70 - 130		4	25
Bromoform	5000	4730		ug/Kg		95	70 - 130		4	25
Bromobenzene	5000	5330		ug/Kg		107	70 - 130		1	25
Bromomethane	5000	5200		ug/Kg		104	70 - 130		5	25
Carbon tetrachloride	5000	5500		ug/Kg		110	70 - 130		5	25
Chlorobenzene	5000	5050		ug/Kg		101	70 - 130		0	25
Chlorobromomethane	5000	5400		ug/Kg		108	70 - 130		2	25
Chlorodibromomethane	5000	5350		ug/Kg		107	70 - 130		0	25
Chloroethane	5000	5700		ug/Kg		114	70 - 130		6	25
Chloroform	5000	5750		ug/Kg		115	70 - 130		4	25
Chloromethane	5000	4550		ug/Kg		91	70 - 130		4	25
cis-1,2-Dichloroethene	5000	5950		ug/Kg		119	70 - 130		5	25
cis-1,3-Dichloropropene	5000	5530		ug/Kg		111	70 - 130		0	25
Dibromomethane	5000	5630		ug/Kg		113	70 - 130		3	25
Dichlorobromomethane	5000	5780		ug/Kg		116	70 - 130		3	25
Ethylbenzene	5000	5400		ug/Kg		108	70 - 130		2	25
Ethylene Dibromide	5000	5400		ug/Kg		108	70 - 130		1	25
2-Chlorotoluene	5000	5430		ug/Kg		109	70 - 130		1	25
4-Chlorotoluene	5000	5230		ug/Kg		105	70 - 130		1	25
Hexachlorobutadiene	5000	4700		ug/Kg		94	70 - 130		3	25
Isopropylbenzene	5000	5480		ug/Kg		110	70 - 130		0	25
m-Xylene & p-Xylene	10000	10900		ug/Kg		109	70 - 130		2	25
2-Butanone (MEK)	50000	57100		ug/Kg		114	70 - 130		2	25
4-Methyl-2-pentanone (MIBK)	50000	62500		ug/Kg		125	70 - 130		2	25
Methylene Chloride	5000	5380		ug/Kg		108	70 - 130		6	25
N-Propylbenzene	5000	5600		ug/Kg		112	70 - 130		0	25
n-Butylbenzene	5000	5500		ug/Kg		110	70 - 130		3	25
Naphthalene	5000	5100		ug/Kg		102	70 - 130		5	25
o-Xylene	5000	5430		ug/Kg		109	70 - 130		1	25
sec-Butylbenzene	5000	5430		ug/Kg		109	70 - 130		0	25
tert-Butylbenzene	5000	5400		ug/Kg		108	70 - 130		0	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-75787/2-A

Matrix: Solid

Analysis Batch: 75741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	RPD Limit
							Limits			
Tetrachloroethene	5000	5850		ug/Kg		117	70 - 130		3	25
Toluene	5000	5730		ug/Kg		115	70 - 130		3	25
trans-1,2-Dichloroethene	5000	5850		ug/Kg		117	70 - 130		5	25
Trichloroethene	5000	6000		ug/Kg		120	70 - 130		5	25
Vinyl chloride	5000	5450		ug/Kg		109	70 - 130		7	25
Methyl tert-butyl ether	5000	5730		ug/Kg		115	70 - 130		3	25
Trichlorofluoromethane	5000	5200		ug/Kg		104	70 - 130		4	25
trans-1,3-Dichloropropene	5000	5750		ug/Kg		115	70 - 130		0	25
Styrene	5000	5380		ug/Kg		108	70 - 130		2	25
2-Hexanone	50000	60700		ug/Kg		121	70 - 130		1	25
4-Isopropyltoluene	5000	5630		ug/Kg		113	70 - 130		1	25

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Method: 8260B - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 360-75270/6

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/14/11 22:07	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/14/11 22:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/14/11 22:07	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/14/11 22:07	1
1,1-Dichloroethane	ND		1.0		ug/L			06/14/11 22:07	1
1,1-Dichloroethene	ND		1.0		ug/L			06/14/11 22:07	1
1,1-Dichloropropene	ND		1.0		ug/L			06/14/11 22:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/14/11 22:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/14/11 22:07	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,2-Dichloroethane	ND		1.0		ug/L			06/14/11 22:07	1
1,2-Dichloropropane	ND		1.0		ug/L			06/14/11 22:07	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
2,2-Dichloropropane	ND		1.0		ug/L			06/14/11 22:07	1
Acetone	ND		50		ug/L			06/14/11 22:07	1
Benzene	ND		1.0		ug/L			06/14/11 22:07	1
Bromoform	ND		1.0		ug/L			06/14/11 22:07	1
Bromobenzene	ND		1.0		ug/L			06/14/11 22:07	1
Bromomethane	ND		2.0		ug/L			06/14/11 22:07	1
Carbon tetrachloride	ND		1.0		ug/L			06/14/11 22:07	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 360-75270/6

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/L			06/14/11 22:07	1
Chlorobromomethane	ND		1.0		ug/L			06/14/11 22:07	1
Chlorodibromomethane	ND		0.50		ug/L			06/14/11 22:07	1
Chloroethane	ND		2.0		ug/L			06/14/11 22:07	1
Chloroform	ND		1.0		ug/L			06/14/11 22:07	1
Chloromethane	ND		2.0		ug/L			06/14/11 22:07	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 22:07	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 22:07	1
Dibromomethane	ND		1.0		ug/L			06/14/11 22:07	1
Dichlorobromomethane	ND		0.50		ug/L			06/14/11 22:07	1
Ethylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
Ethylene Dibromide	ND		1.0		ug/L			06/14/11 22:07	1
2-Chlorotoluene	ND		1.0		ug/L			06/14/11 22:07	1
4-Chlorotoluene	ND		1.0		ug/L			06/14/11 22:07	1
Hexachlorobutadiene	ND		0.40		ug/L			06/14/11 22:07	1
Isopropylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/14/11 22:07	1
2-Butanone (MEK)	ND		10		ug/L			06/14/11 22:07	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/14/11 22:07	1
Methylene Chloride	ND		2.0		ug/L			06/14/11 22:07	1
N-Propylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
n-Butylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
Naphthalene	ND		5.0		ug/L			06/14/11 22:07	1
o-Xylene	ND		1.0		ug/L			06/14/11 22:07	1
sec-Butylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
tert-Butylbenzene	ND		1.0		ug/L			06/14/11 22:07	1
Tetrachloroethene	ND		1.0		ug/L			06/14/11 22:07	1
Toluene	ND		1.0		ug/L			06/14/11 22:07	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 22:07	1
Trichloroethene	ND		1.0		ug/L			06/14/11 22:07	1
Vinyl chloride	ND		0.50		ug/L			06/14/11 22:07	1
Methyl tert-butyl ether	ND		1.0		ug/L			06/14/11 22:07	1
Trichlorofluoromethane	ND		1.0		ug/L			06/14/11 22:07	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 22:07	1
Styrene	ND		1.0		ug/L			06/14/11 22:07	1
2-Hexanone	ND		10		ug/L			06/14/11 22:07	1
4-Isopropyltoluene	ND		1.0		ug/L			06/14/11 22:07	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		06/14/11 22:07	1
Dibromofluoromethane	104		70 - 130		06/14/11 22:07	1
Toluene-d8 (Surr)	101		70 - 130		06/14/11 22:07	1

Lab Sample ID: LCS 360-75270/3

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	22.6		ug/L		113	70 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 360-75270/3

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec. Limits
	Added	Result	Qualifier				
1,1,1-Trichloroethane	20.0	20.9		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	70 - 130
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	70 - 130
1,1-Dichloroethane	20.0	20.1		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	21.6		ug/L		108	70 - 130
1,1-Dichloropropene	20.0	20.5		ug/L		103	70 - 130
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130
1,2,4-Trimethylbenzene	20.0	21.6		ug/L		108	70 - 130
1,2,3-Trichloropropane	20.0	18.0		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloroethane	20.0	18.3		ug/L		92	70 - 130
1,2-Dichloropropane	20.0	19.7		ug/L		99	70 - 130
1,3,5-Trimethylbenzene	20.0	19.7		ug/L		99	70 - 130
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	70 - 130
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	70 - 130
2,2-Dichloropropane	20.0	20.1		ug/L		101	70 - 130
Acetone	200	191		ug/L		95	70 - 130
Benzene	20.0	20.5		ug/L		103	70 - 130
Bromoform	20.0	26.9	*	ug/L		135	70 - 130
Bromobenzene	20.0	18.5		ug/L		93	70 - 130
Bromomethane	20.0	21.4		ug/L		107	70 - 130
Carbon tetrachloride	20.0	25.5		ug/L		128	70 - 130
Chlorobenzene	20.0	19.4		ug/L		97	70 - 130
Chlorobromomethane	20.0	20.4		ug/L		102	70 - 130
Chlorodibromomethane	20.0	21.5		ug/L		108	70 - 130
Chloroethane	20.0	20.6		ug/L		103	70 - 130
Chloroform	20.0	18.9		ug/L		95	70 - 130
Chloromethane	20.0	17.5		ug/L		88	70 - 130
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
cis-1,3-Dichloropropene	20.0	19.5		ug/L		98	70 - 130
Dibromomethane	20.0	20.0		ug/L		100	70 - 130
Dichlorobromomethane	20.0	19.9		ug/L		100	70 - 130
Ethylbenzene	20.0	19.4		ug/L		97	70 - 130
Ethylene Dibromide	20.0	19.7		ug/L		99	70 - 130
2-Chlorotoluene	20.0	19.0		ug/L		95	70 - 130
4-Chlorotoluene	20.0	18.8		ug/L		94	70 - 130
Hexachlorobutadiene	20.0	19.9		ug/L		100	70 - 130
Isopropylbenzene	20.0	19.7		ug/L		99	70 - 130
m-Xylene & p-Xylene	40.0	38.7		ug/L		97	70 - 130
2-Butanone (MEK)	200	183		ug/L		92	70 - 130
4-Methyl-2-pentanone (MIBK)	200	192		ug/L		96	70 - 130
Methylene Chloride	20.0	25.5		ug/L		128	70 - 130
N-Propylbenzene	20.0	19.6		ug/L		98	70 - 130
n-Butylbenzene	20.0	19.6		ug/L		98	70 - 130
Naphthalene	20.0	18.5		ug/L		93	70 - 130
o-Xylene	20.0	19.2		ug/L		96	70 - 130
sec-Butylbenzene	20.0	22.0		ug/L		110	70 - 130
tert-Butylbenzene	20.0	21.8		ug/L		109	70 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 360-75270/3

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 130
Toluene	20.0	20.4		ug/L		102	70 - 130
trans-1,2-Dichloroethene	20.0	19.9		ug/L		100	70 - 130
Trichloroethene	20.0	20.6		ug/L		103	70 - 130
Vinyl chloride	20.0	20.7		ug/L		104	70 - 130
Methyl tert-butyl ether	20.0	26.2	*	ug/L		131	70 - 130
Trichlorofluoromethane	20.0	20.1		ug/L		101	70 - 130
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	70 - 130
Styrene	20.0	19.2		ug/L		96	70 - 130
2-Hexanone	200	185		ug/L		92	70 - 130
4-Isopropyltoluene	20.0	22.9		ug/L		115	70 - 130

Surrogate	LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 360-75270/4

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	
								RPD	Limit
1,1,1,2-Tetrachloroethane	20.0	22.0		ug/L		110	70 - 130	3	25
1,1,1-Trichloroethane	20.0	20.1		ug/L		101	70 - 130	4	25
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	70 - 130	0	25
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	70 - 130	1	25
1,1-Dichloroethane	20.0	19.2		ug/L		96	70 - 130	5	25
1,1-Dichloroethene	20.0	20.4		ug/L		102	70 - 130	6	25
1,1-Dichloropropene	20.0	19.4		ug/L		97	70 - 130	6	25
1,2,3-Trichlorobenzene	20.0	18.9		ug/L		95	70 - 130	2	25
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		95	70 - 130	4	25
1,2,4-Trimethylbenzene	20.0	21.3		ug/L		107	70 - 130	1	25
1,2,3-Trichloropropane	20.0	18.4		ug/L		92	70 - 130	2	25
1,2-Dibromo-3-Chloropropane	20.0	20.8		ug/L		104	70 - 130	3	25
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	2	25
1,2-Dichloroethane	20.0	17.9		ug/L		90	70 - 130	2	25
1,2-Dichloropropane	20.0	19.0		ug/L		95	70 - 130	4	25
1,3,5-Trimethylbenzene	20.0	18.8		ug/L		94	70 - 130	5	25
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	70 - 130	3	25
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130	1	25
2,2-Dichloropropane	20.0	19.2		ug/L		96	70 - 130	5	25
Acetone	200	196		ug/L		98	70 - 130	3	25
Benzene	20.0	19.8		ug/L		99	70 - 130	3	25
Bromoform	20.0	27.0	*	ug/L		135	70 - 130	0	25
Bromobenzene	20.0	18.1		ug/L		91	70 - 130	2	25
Bromomethane	20.0	19.6		ug/L		98	70 - 130	9	25
Carbon tetrachloride	20.0	23.5		ug/L		118	70 - 130	8	25
Chlorobenzene	20.0	19.0		ug/L		95	70 - 130	2	25
Chlorobromomethane	20.0	19.9		ug/L		100	70 - 130	2	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8260B - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 360-75270/4

Matrix: Water

Analysis Batch: 75270

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	20.0	21.2		ug/L		106	70 - 130	1	25
Chloroethane	20.0	19.5		ug/L		98	70 - 130	5	25
Chloroform	20.0	18.3		ug/L		92	70 - 130	3	25
Chloromethane	20.0	16.9		ug/L		85	70 - 130	3	25
cis-1,2-Dichloroethene	20.0	18.9		ug/L		95	70 - 130	4	25
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	70 - 130	2	25
Dibromomethane	20.0	20.0		ug/L		100	70 - 130	0	25
Dichlorobromomethane	20.0	19.8		ug/L		99	70 - 130	1	25
Ethylbenzene	20.0	18.7		ug/L		94	70 - 130	4	25
Ethylene Dibromide	20.0	19.5		ug/L		98	70 - 130	1	25
2-Chlorotoluene	20.0	18.3		ug/L		92	70 - 130	4	25
4-Chlorotoluene	20.0	18.1		ug/L		91	70 - 130	4	25
Hexachlorobutadiene	20.0	19.1		ug/L		96	70 - 130	4	25
Isopropylbenzene	20.0	18.9		ug/L		95	70 - 130	4	25
m-Xylene & p-Xylene	40.0	37.2		ug/L		93	70 - 130	4	25
2-Butanone (MEK)	200	194		ug/L		97	70 - 130	5	25
4-Methyl-2-pentanone (MIBK)	200	193		ug/L		97	70 - 130	1	25
Methylene Chloride	20.0	25.0		ug/L		125	70 - 130	2	25
N-Propylbenzene	20.0	19.1		ug/L		96	70 - 130	3	25
n-Butylbenzene	20.0	18.9		ug/L		95	70 - 130	4	25
Naphthalene	20.0	18.3		ug/L		92	70 - 130	1	25
o-Xylene	20.0	18.7		ug/L		94	70 - 130	3	25
sec-Butylbenzene	20.0	21.1		ug/L		106	70 - 130	4	25
tert-Butylbenzene	20.0	20.6		ug/L		103	70 - 130	6	25
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 130	4	25
Toluene	20.0	19.6		ug/L		98	70 - 130	4	25
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	70 - 130	5	25
Trichloroethene	20.0	20.0		ug/L		100	70 - 130	3	25
Vinyl chloride	20.0	19.8		ug/L		99	70 - 130	4	25
Methyl tert-butyl ether	20.0	25.7		ug/L		129	70 - 130	2	25
Trichlorofluoromethane	20.0	18.5		ug/L		93	70 - 130	8	25
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	70 - 130	2	25
Styrene	20.0	18.7		ug/L		94	70 - 130	3	25
2-Hexanone	200	184		ug/L		92	70 - 130	0	25
4-Isopropyltoluene	20.0	21.9		ug/L		110	70 - 130	4	25

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 360-75374/1-A

Matrix: Water

Analysis Batch: 75382

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 360-75374/1-A

Matrix: Water

Analysis Batch: 75382

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Anthracene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Benzo[a]anthracene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Benzo[g,h,i]perylene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Benzo[a]pyrene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Benzo[k]fluoranthene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Benzo[b]fluoranthene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Chrysene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Dibenz(a,h)anthracene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Fluoranthene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Fluorene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Naphthalene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Phenanthrene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1
Pyrene	ND		5.0		ug/L		06/16/11 13:51	06/16/11 16:54	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		30 - 130	06/16/11 13:51	06/16/11 16:54	1
2-Fluorobiphenyl	88		30 - 130	06/16/11 13:51	06/16/11 16:54	1
Terphenyl-d14	86		30 - 130	06/16/11 13:51	06/16/11 16:54	1

Lab Sample ID: LCS 360-75374/2-A

Matrix: Water

Analysis Batch: 75382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	40.0	42.9		ug/L		107	40 - 140
Acenaphthylene	40.0	38.2		ug/L		96	40 - 140
Anthracene	40.0	44.9		ug/L		112	40 - 140
Benzo[a]anthracene	40.0	48.8		ug/L		122	40 - 140
Benzo[g,h,i]perylene	40.0	46.3		ug/L		116	40 - 140
Benzo[a]pyrene	40.0	50.3		ug/L		126	40 - 140
Benzo[k]fluoranthene	40.0	55.0		ug/L		138	40 - 140
Benzo[b]fluoranthene	40.0	49.8		ug/L		125	40 - 140
Chrysene	40.0	47.5		ug/L		119	40 - 140
Dibenz(a,h)anthracene	40.0	46.8		ug/L		117	40 - 140
Fluoranthene	40.0	41.9		ug/L		105	40 - 140
Fluorene	40.0	46.5		ug/L		116	40 - 140
Indeno[1,2,3-cd]pyrene	40.0	47.2		ug/L		118	40 - 140
Naphthalene	40.0	36.2		ug/L		91	40 - 140
Phenanthrene	40.0	45.2		ug/L		113	40 - 140
Pyrene	40.0	55.0		ug/L		138	40 - 140

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	89		30 - 130
2-Fluorobiphenyl	89		30 - 130
Terphenyl-d14	110		30 - 130

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-75374/3-A

Matrix: Water

Analysis Batch: 75382

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75374

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Acenaphthene	40.0	43.6		ug/L		109	40 - 140	2		20
Acenaphthylene	40.0	37.3		ug/L		93	40 - 140	2		20
Anthracene	40.0	46.3		ug/L		116	40 - 140	3		20
Benzo[a]anthracene	40.0	49.3		ug/L		123	40 - 140	1		20
Benzo[g,h,i]perylene	40.0	46.4		ug/L		116	40 - 140	0		20
Benzo[a]pyrene	40.0	49.7		ug/L		124	40 - 140	1		20
Benzo[k]fluoranthene	40.0	55.0		ug/L		138	40 - 140	0		20
Benzo[b]fluoranthene	40.0	50.5		ug/L		126	40 - 140	1		20
Chrysene	40.0	50.2		ug/L		126	40 - 140	6		20
Dibenz(a,h)anthracene	40.0	46.8		ug/L		117	40 - 140	0		20
Fluoranthene	40.0	42.1		ug/L		105	40 - 140	0		20
Fluorene	40.0	45.3		ug/L		113	40 - 140	3		20
Indeno[1,2,3-cd]pyrene	40.0	47.0		ug/L		118	40 - 140	0		20
Naphthalene	40.0	36.2		ug/L		91	40 - 140	0		20
Phenanthrene	40.0	45.1		ug/L		113	40 - 140	0		20
Pyrene	40.0	47.2		ug/L		118	40 - 140	15		20

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
Nitrobenzene-d5	82		30 - 130
2-Fluorobiphenyl	85		30 - 130
Terphenyl-d14	93		30 - 130

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 360-75316/1-A

Matrix: Water

Analysis Batch: 75530

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75316

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1221	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1232	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1242	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1248	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1254	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1260	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1262	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1
PCB-1268	ND		0.25		ug/L		06/15/11 16:55	06/20/11 13:45	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
DCB Decachlorobiphenyl	107		10 - 133	06/15/11 16:55	06/20/11 13:45	1
DCB Decachlorobiphenyl	104		10 - 133	06/15/11 16:55	06/20/11 13:45	1
Tetrachloro-m-xylene	79		36 - 121	06/15/11 16:55	06/20/11 13:45	1
Tetrachloro-m-xylene	73		36 - 121	06/15/11 16:55	06/20/11 13:45	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 360-75316/2-A

Matrix: Water

Analysis Batch: 75530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75316

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	2.50	2.68		ug/L		107	53 - 134
PCB-1260	2.50	2.87		ug/L		115	50 - 138
Surrogate	LCS % Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	111		10 - 133				
DCB Decachlorobiphenyl	109		10 - 133				
Tetrachloro-m-xylene	85		36 - 121				
Tetrachloro-m-xylene	77		36 - 121				

Lab Sample ID: LCSD 360-75316/3-A

Matrix: Water

Analysis Batch: 75530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75316

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	2.50	2.84		ug/L		114	53 - 134	6	20
PCB-1260	2.50	3.05		ug/L		122	50 - 138	6	20
Surrogate	LCSD % Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	111		10 - 133						
DCB Decachlorobiphenyl	101		10 - 133						
Tetrachloro-m-xylene	93		36 - 121						
Tetrachloro-m-xylene	78		36 - 121						

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 360-75367/1-A

Matrix: Solid

Analysis Batch: 75618

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75367

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Arsenic	ND		1.0		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Beryllium	ND		0.20		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Cadmium	ND		0.20		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Chromium	ND		0.50		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Copper	ND		1.0		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Lead	ND		0.50		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Nickel	ND		1.0		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Selenium	ND		0.50		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Thallium	ND		1.0		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Zinc	ND		2.5		mg/Kg		06/16/11 11:55	06/20/11 18:47	1
Antimony	ND		0.50		mg/Kg		06/16/11 11:55	06/20/11 18:47	1

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCDSRM 360-75367/3-A

LCDSRM

Matrix: Solid

Analysis Batch: 75804

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75367

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Silver	61.0	52.0		mg/Kg		85	56.9 - 113		1	30
Arsenic	155	125		mg/Kg		81	61 - 117		3	30
Beryllium	73.2	51.3		mg/Kg		70	65.8 - 112		1	30
Cadmium	248	175		mg/Kg		70	65.6 - 113		3	30
Chromium	181	133		mg/Kg		74	68.0 - 124		1	30
Copper	131	92.3 *		mg/Kg		70	70.7 - 117		1	30
Lead	334	250		mg/Kg		75	64.8 - 110		1	30
Nickel	399	279		mg/Kg		70	67.6 - 117		2	30
Selenium	161	112		mg/Kg		69	53.1 - 110		4	30
Thallium	107	75.9		mg/Kg		71	61.9 - 116		1	30
Zinc	278	206		mg/Kg		74	67.5 - 116		3	30
Antimony	216	64.2		mg/Kg		30	10.0 - 110		10	30

Lab Sample ID: LCSSRM 360-75367/2-A

Matrix: Solid

Analysis Batch: 75618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75367

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Silver	61.0	52.4		mg/Kg		86	56.9 - 113			
Arsenic	155	121		mg/Kg		78	61 - 117			
Beryllium	73.2	51.0		mg/Kg		70	65.8 - 112			
Cadmium	248	169		mg/Kg		68	65.6 - 113			
Chromium	181	131		mg/Kg		73	68.0 - 124			
Copper	131	93.2		mg/Kg		71	70.7 - 117			
Lead	334	247		mg/Kg		74	64.8 - 110			
Nickel	399	273		mg/Kg		68	67.6 - 117			
Selenium	161	108		mg/Kg		67	53.1 - 110			
Thallium	107	75.5		mg/Kg		71	61.9 - 116			
Zinc	278	200		mg/Kg		72	67.5 - 116			
Antimony	216	58.0		mg/Kg		27	10.0 - 110			

Lab Sample ID: 360-34412-4 MS

Matrix: Solid

Analysis Batch: 75618

Client Sample ID: GB1-117

Prep Type: Total/NA

Prep Batch: 75367

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec.	
									Limits	
Silver	ND		56.0	52.8		mg/Kg	⊛	94	75 - 125	
Arsenic	7.6		56.0	62.0		mg/Kg	⊛	97	75 - 125	
Beryllium	ND		56.0	53.7		mg/Kg	⊛	96	75 - 125	
Cadmium	ND		56.0	53.5		mg/Kg	⊛	95	75 - 125	
Chromium	27		56.0	78.1		mg/Kg	⊛	91	75 - 125	
Copper	42		56.0	103		mg/Kg	⊛	109	75 - 125	
Lead	95		56.0	163		mg/Kg	⊛	123	75 - 125	
Nickel	35		56.0	87.1		mg/Kg	⊛	93	75 - 125	
Selenium	ND		56.0	49.6		mg/Kg	⊛	89	75 - 125	
Thallium	ND		56.0	50.1		mg/Kg	⊛	89	75 - 125	
Zinc	140		56.0	206 F		mg/Kg	⊛	127	75 - 125	
Antimony	ND		56.0	17.3 F		mg/Kg	⊛	31	75 - 125	

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 360-34412-4 DU

Matrix: Solid

Analysis Batch: 75618

Client Sample ID: GB1-117

Prep Type: Total/NA

Prep Batch: 75367

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Silver	ND		ND		mg/Kg	✱	NC	35
Arsenic	7.6		7.81		mg/Kg	✱	3	35
Beryllium	ND		ND		mg/Kg	✱	NC	35
Cadmium	ND		ND		mg/Kg	✱	NC	35
Chromium	27		23.8		mg/Kg	✱	12	35
Copper	42		43.3		mg/Kg	✱	4	35
Lead	95		101		mg/Kg	✱	6	35
Nickel	35		33.7		mg/Kg	✱	4	35
Selenium	ND		ND		mg/Kg	✱	NC	35
Thallium	ND		ND		mg/Kg	✱	NC	35
Zinc	140		156		mg/Kg	✱	14	35
Antimony	ND		ND		mg/Kg	✱	NC	35

Lab Sample ID: MB 360-75803/2

Matrix: Water

Analysis Batch: 75803

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	ND		5.0		ug/L			06/22/11 15:53	1
Arsenic	ND		10		ug/L			06/22/11 15:53	1
Beryllium	ND		1.0		ug/L			06/22/11 15:53	1
Cadmium	ND		1.0		ug/L			06/22/11 15:53	1
Chromium	ND		5.0		ug/L			06/22/11 15:53	1
Copper	ND		10		ug/L			06/22/11 15:53	1
Lead	ND		5.0		ug/L			06/22/11 15:53	1
Nickel	ND		10		ug/L			06/22/11 15:53	1
Selenium	ND		10		ug/L			06/22/11 15:53	1
Thallium	ND		10		ug/L			06/22/11 15:53	1
Zinc	ND		50		ug/L			06/22/11 15:53	1
Antimony	ND		6.0		ug/L			06/22/11 15:53	1

Lab Sample ID: LCS 360-75803/1

Matrix: Water

Analysis Batch: 75803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Silver	1000	994		ug/L		99	80 - 120	
Arsenic	1000	1040		ug/L		104	80 - 120	
Beryllium	1000	1010		ug/L		101	80 - 120	
Cadmium	1000	1040		ug/L		104	80 - 120	
Chromium	1000	1010		ug/L		101	80 - 120	
Copper	1000	987		ug/L		99	80 - 120	
Lead	1000	1020		ug/L		102	80 - 120	
Nickel	1000	1030		ug/L		103	80 - 120	
Selenium	1000	1030		ug/L		103	80 - 120	
Thallium	1000	1010		ug/L		101	80 - 120	
Zinc	1000	1030		ug/L		103	80 - 120	
Antimony	1000	1020		ug/L		102	80 - 120	

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 360-75803/12

Matrix: Water

Analysis Batch: 75803

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Silver	1000	1010		ug/L		101	80 - 120		1	20
Arsenic	1000	1060		ug/L		106	80 - 120		2	20
Beryllium	1000	1020		ug/L		102	80 - 120		1	20
Cadmium	1000	1050		ug/L		105	80 - 120		1	20
Chromium	1000	1030		ug/L		103	80 - 120		1	20
Copper	1000	1010		ug/L		101	80 - 120		2	20
Lead	1000	1040		ug/L		104	80 - 120		2	20
Nickel	1000	1040		ug/L		104	80 - 120		1	20
Selenium	1000	1060		ug/L		106	80 - 120		3	20
Thallium	1000	1020		ug/L		102	80 - 120		1	20
Zinc	1000	1040		ug/L		104	80 - 120		1	20
Antimony	1000	1040		ug/L		104	80 - 120		2	20

Lab Sample ID: 360-34412-21 MS

Matrix: Water

Analysis Batch: 75803

Client Sample ID: SB-102

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec.	
									Limits	
Silver	ND		1000	905		ug/L		91	75 - 125	
Arsenic	ND		1000	998		ug/L		100	75 - 125	
Beryllium	ND		1000	959		ug/L		96	75 - 125	
Cadmium	ND		1000	1000		ug/L		100	75 - 125	
Chromium	ND		1000	967		ug/L		97	75 - 125	
Copper	ND		1000	946		ug/L		95	75 - 125	
Lead	ND		1000	970		ug/L		97	75 - 125	
Nickel	ND		1000	984		ug/L		98	75 - 125	
Selenium	ND		1000	1020		ug/L		102	75 - 125	
Thallium	ND		1000	933		ug/L		93	75 - 125	
Zinc	ND		1000	1020		ug/L		102	75 - 125	
Antimony	ND		1000	1050		ug/L		105	75 - 125	

Lab Sample ID: 360-34412-21 DU

Matrix: Water

Analysis Batch: 75803

Client Sample ID: SB-102

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Silver	ND		ND		ug/L		NC	20
Arsenic	ND		ND		ug/L		NC	20
Beryllium	ND		ND		ug/L		NC	20
Cadmium	ND		ND		ug/L		NC	20
Chromium	ND		ND		ug/L		NC	20
Copper	ND		ND		ug/L		NC	20
Lead	ND		ND		ug/L		NC	20
Nickel	ND		ND		ug/L		NC	20
Selenium	ND		ND		ug/L		NC	20
Thallium	ND		ND		ug/L		NC	20
Zinc	ND		ND		ug/L		NC	20
Antimony	ND		ND		ug/L		NC	20

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 360-75190/1-A
Matrix: Water
Analysis Batch: 75378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20		ug/L		06/14/11 08:47	06/16/11 12:00	1

Lab Sample ID: LCS 360-75190/2-A
Matrix: Water
Analysis Batch: 75378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	5.00	5.22		ug/L		104	80 - 120

Lab Sample ID: LCSD 360-75190/3-A
Matrix: Water
Analysis Batch: 75378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 75190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	5.00	5.11		ug/L		102	80 - 120	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 360-75375/1-A
Matrix: Solid
Analysis Batch: 75450

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg		06/16/11 14:04	06/17/11 11:45	1

Lab Sample ID: LCDSRM 360-75375/3-A
Matrix: Solid
Analysis Batch: 75450

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 75375

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	10.3	9.10		mg/Kg		88	46.5 - 135	9	30

Lab Sample ID: LCSSRM 360-75375/2-A
Matrix: Solid
Analysis Batch: 75450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75375

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	10.3	8.30		mg/Kg		81	46.5 - 135

Lab Sample ID: 360-34412-4 MS
Matrix: Solid
Analysis Batch: 75450

Client Sample ID: GB1-117
Prep Type: Total/NA
Prep Batch: 75375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	1.2		1.11	2.70	F	mg/Kg	✱	135	75 - 125

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 360-34412-4 DU
Matrix: Solid
Analysis Batch: 75450

Client Sample ID: GB1-117
Prep Type: Total/NA
Prep Batch: 75375

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	1.2		2.12	F	mg/Kg	✖	55	35

Method: Moisture - Percent Moisture

Lab Sample ID: 360-34412-6 DU
Matrix: Solid
Analysis Batch: 75547

Client Sample ID: CB4-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	8.5		8.1		%		5	20
Percent Solids	91		92		%		0.4	20

Lab Sample ID: 360-34412-9 DU
Matrix: Solid
Analysis Batch: 75547

Client Sample ID: DUPLICATE-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	13		14		%		4	20
Percent Solids	87		86		%		0.6	20

Lab Sample ID: 360-34412-30 DU
Matrix: Solid
Analysis Batch: 75633

Client Sample ID: DUPLICATE-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	8.2		8.5		%		4	20
Percent Solids	92		91		%		0.3	20

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: GB4-26

Date Collected: 06/07/11 09:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-1

Matrix: Solid

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 11:55	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:17	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: GB3-33

Date Collected: 06/07/11 09:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-2

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:12	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:20	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: GB2-43

Date Collected: 06/07/11 09:30

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-3

Matrix: Solid

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:14	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:23	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: GB1-117

Date Collected: 06/07/11 10:15

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-4

Matrix: Solid

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 11:50	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		5	75618	06/20/11 20:24	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: CB2-16

Lab Sample ID: 360-34412-5

Date Collected: 06/07/11 12:20

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:16	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:31	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: CB4-5

Lab Sample ID: 360-34412-6

Date Collected: 06/07/11 12:25

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:17	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:34	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: CB3-8

Lab Sample ID: 360-34412-7

Date Collected: 06/07/11 12:30

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:19	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:37	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: CB3-12

Lab Sample ID: 360-34412-8

Date Collected: 06/07/11 12:40

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:21	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:40	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: DUPLICATE-12

Lab Sample ID: 360-34412-9

Date Collected: 06/07/11 12:00

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:23	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:43	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-01

Lab Sample ID: 360-34412-10

Date Collected: 06/08/11 10:50

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:24	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:46	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-02

Lab Sample ID: 360-34412-11

Date Collected: 06/08/11 11:00

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:26	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:49	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-03

Lab Sample ID: 360-34412-12

Date Collected: 06/08/11 11:15

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:28	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:52	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SS-04

Lab Sample ID: 360-34412-13

Date Collected: 06/08/11 11:25

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:33	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:55	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-05

Lab Sample ID: 360-34412-14

Date Collected: 06/08/11 11:34

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:35	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 19:58	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-06

Lab Sample ID: 360-34412-15

Date Collected: 06/08/11 12:03

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:37	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:07	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-07

Lab Sample ID: 360-34412-16

Date Collected: 06/08/11 12:20

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:39	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:10	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SS-08

Lab Sample ID: 360-34412-17

Date Collected: 06/08/11 12:25

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:46	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:12	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-09

Lab Sample ID: 360-34412-18

Date Collected: 06/08/11 13:10

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:48	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:15	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SS-10

Lab Sample ID: 360-34412-19

Date Collected: 06/08/11 13:20

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD
Total/NA	Analysis	7471A		1	75450	06/17/11 12:50	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:18	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SB-102

Lab Sample ID: 360-34412-21

Date Collected: 06/09/11 11:05

Matrix: Water

Date Received: 06/11/11 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75270	06/15/11 03:33	TH	TAL WFD
Total/NA	Prep	3510C			75374	06/16/11 13:51	OG	TAL WFD
Total/NA	Analysis	8270C		1	75382	06/16/11 18:37	CMR	TAL WFD
Total/NA	Prep	3510C			75316	06/15/11 16:55	MJM	TAL WFD
Total/NA	Analysis	8082		1	75530	06/20/11 14:50	BRB	TAL WFD
Dissolved	Prep	7470A			75190	06/14/11 08:47	EMN	TAL WFD
Dissolved	Analysis	7470A		1	75378	06/16/11 12:52	TJS	TAL WFD
Dissolved	Analysis	6010B		1	75803	06/22/11 15:59	TJS	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SB-103

Lab Sample ID: 360-34412-22

Date Collected: 06/09/11 15:35

Matrix: Water

Date Received: 06/11/11 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75270	06/15/11 03:54	TH	TAL WFD
Total/NA	Prep	3510C			75374	06/16/11 13:51	OG	TAL WFD
Total/NA	Analysis	8270C		1	75382	06/16/11 19:11	CMR	TAL WFD
Total/NA	Prep	3510C			75316	06/15/11 16:55	MJM	TAL WFD
Total/NA	Analysis	8082		1	75530	06/20/11 15:12	BRB	TAL WFD
Dissolved	Prep	7470A			75190	06/14/11 09:03	EMN	TAL WFD
Dissolved	Analysis	7470A		1	75378	06/16/11 12:56	TJS	TAL WFD
Dissolved	Analysis	6010B		1	75803	06/22/11 16:11	TJS	TAL WFD

Client Sample ID: SB-104

Lab Sample ID: 360-34412-23

Date Collected: 06/09/11 14:30

Matrix: Water

Date Received: 06/11/11 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75270	06/15/11 04:16	TH	TAL WFD
Total/NA	Prep	3510C			75374	06/16/11 13:51	OG	TAL WFD
Total/NA	Analysis	8270C		1	75382	06/16/11 19:45	CMR	TAL WFD
Total/NA	Prep	3510C			75316	06/15/11 16:55	MJM	TAL WFD
Total/NA	Analysis	8082		1	75530	06/20/11 15:33	BRB	TAL WFD
Dissolved	Prep	7470A			75190	06/14/11 09:03	EMN	TAL WFD
Dissolved	Analysis	7470A		1	75378	06/16/11 12:58	TJS	TAL WFD
Dissolved	Analysis	6010B		1	75803	06/22/11 16:13	TJS	TAL WFD

Client Sample ID: DUPLICATE-11

Lab Sample ID: 360-34412-24

Date Collected: 06/09/11 12:00

Matrix: Water

Date Received: 06/11/11 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75270	06/15/11 04:38	TH	TAL WFD
Total/NA	Prep	3510C			75374	06/16/11 13:51	OG	TAL WFD
Total/NA	Analysis	8270C		1	75382	06/16/11 20:19	CMR	TAL WFD
Total/NA	Prep	3510C			75316	06/15/11 16:55	MJM	TAL WFD
Total/NA	Analysis	8082		1	75530	06/20/11 15:55	BRB	TAL WFD
Dissolved	Prep	7470A			75190	06/14/11 09:03	EMN	TAL WFD
Dissolved	Analysis	7470A		1	75378	06/16/11 13:00	TJS	TAL WFD
Dissolved	Analysis	6010B		1	75803	06/22/11 16:18	TJS	TAL WFD

Client Sample ID: SB-101 (1.5-2.0')

Lab Sample ID: 360-34412-25

Date Collected: 06/09/11 11:05

Matrix: Solid

Date Received: 06/11/11 13:50

Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75787	06/22/11 08:26	SS	TAL WFD
Total/NA	Analysis	8260B		1	75741	06/22/11 18:53	SS	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: SB-101 (1.5-2.0')

Date Collected: 06/09/11 11:05

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SB-102 (0-0.9')

Date Collected: 06/09/11 10:45

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-26

Matrix: Solid

Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75787	06/22/11 08:26	SS	TAL WFD
Total/NA	Analysis	8260B		1	75741	06/22/11 19:18	SS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SB-103 (1.2-1.6')

Date Collected: 06/09/11 11:20

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-27

Matrix: Solid

Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75787	06/22/11 08:26	SS	TAL WFD
Total/NA	Analysis	8260B		1	75741	06/22/11 19:42	SS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: SB-104 (1.3-1.6')

Date Collected: 06/09/11 10:50

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-28

Matrix: Solid

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75787	06/22/11 08:26	SS	TAL WFD
Total/NA	Analysis	8260B		1	75741	06/22/11 20:07	SS	TAL WFD
Total/NA	Analysis	Moisture		1	75547	06/20/11 11:46	EMN	TAL WFD

Client Sample ID: DUPLICATE-1

Date Collected: 06/09/11 10:55

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-29

Matrix: Solid

Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			75787	06/22/11 08:26	SS	TAL WFD
Total/NA	Analysis	8260B		1	75741	06/22/11 20:31	SS	TAL WFD
Total/NA	Analysis	Moisture		1	75633	06/21/11 11:43	EMN	TAL WFD

Client Sample ID: DUPLICATE-10

Date Collected: 06/08/11 12:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-30

Matrix: Solid

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			75375	06/16/11 14:04	EMN	TAL WFD

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Client Sample ID: DUPLICATE-10
Date Collected: 06/08/11 12:00
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34412-30
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	7471A		1	75450	06/17/11 12:52	EMN	TAL WFD
Total/NA	Prep	3050B			75367	06/16/11 11:55	EMN	TAL WFD
Total/NA	Analysis	6010B		1	75618	06/20/11 20:21	TJS	TAL WFD
Total/NA	Analysis	Moisture		1	75633	06/21/11 11:43	EMN	TAL WFD

Laboratory References:
TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34412-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34412-1

Login Number: 34412

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

300-34410

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: SHAWN DANN VARI		Lab PM: BECKY WASON	Carrier Tracking No(s):	COC No: 013594					
Client Contact: KEVIN McALEER		Phone: 802-922-3447	E-Mail: mcaleer@wiseinc.com			Page: 1 of 3					
Company: WISE		Job #: 36002674									
Address: P.O. Box 199		Analysis Requested									
City: WATERBURY		Preservation Codes:									
State, Zip: VT, 05676		A - HCL J - DI Water									
Phone: 802-244-5051		B - NaOH M - Hexane									
Email: mcaleer@wiseinc.com		C - Zn Acetate N - None									
Project Name/Number: MWL GRISTMILL-CREAMERY		D - Nitric Acid P - Na2O4S									
Site: 36002674		E - NaHSO4 Q - Na2SO3									
		F - MeOH R - Na2S2O3									
		H - Ascorbic Acid S - H2SO4									
		I - Ice Z - other (specify)									
		Regulatory programs:									
		MCP ☐ GW1/S1 ☐									
		RCP ☐ CT RSR ☐									
		DEP Form ☐ EDD Required ☐									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=organic, DT=trace, A=air)	Sampler's Initials	Field Filtered Sample?	Perform MS/MSD?	PPL IS METALS	Total Number of Containers	Special Instructions/Note:
GB4-26	6/11	0900	G	S		X	X			1	
GB3-33		0915				X	X			1	
GB2-43		0930				X	X			1	
GB1-14		1015				X	X			1	
GB2-16		1020				X	X			1	
GB4-5		1225				X	X			1	
GB3-8		1230				X	X			1	
CB3-12		1240				X	X			1	
DUPLICATE - 12		1200				X	X			1	
5 mo 6/7/11											
Possible Hazard Identification		Poison B ☒ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months					
Deliverable Requested: I, II, III, IV, Other (specify)		Reinforced by: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐		Special Instructions/QC Requirements:							
Reinforced by: ☐ Requiring by: ☐		Date/Time: 6/10/11 14:26		Company: TABOR		Date/Time: 6/10/11 1426		Company: TABOR			
Reinforced by: ☐ Requiring by: ☐		Date/Time: 6/10/11 1620		Company: WATKINS		Date/Time: 6/10/11 1350		Company: WATKINS			
Reinforced by: ☐ Requiring by: ☐		Date/Time: 6/10/11 1620		Company: WATKINS		Date/Time: 6/10/11 1350		Company: WATKINS			
Custody Seal No.: 166267		Custody Seal No.: 166220		Cooler Temperature(s) °C and Other Remarks: 3.8 / 14/48/5.2 F							
TAL-8245-360 0310		Filex 4245 2053 3672 / 4245 2053 3694 / 4245 2053 3687 (4245 2053 3705)									

Chain of Custody Record

01177G-000

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Lab PM		Carrier Tracking No(s)		COC No	
Client Contact		Lab PM		Carrier Tracking No(s)		COC No	
Company		E-Mail		Phone		Page	
Address		E-Mail		Phone		Page	
City		E-Mail		Phone		Page	
State, Zip		E-Mail		Phone		Page	
Phone		E-Mail		Phone		Page	
Email		E-Mail		Phone		Page	
Project Name/Number		E-Mail		Phone		Page	
Site		E-Mail		Phone		Page	
Due Date Requested:		Analysis Requested		Job #		Preservation Codes:	
TAT Requested (days):		Analysis Requested		Job #		Preservation Codes:	
Quote #		Analysis Requested		Job #		Preservation Codes:	
PO #		Analysis Requested		Job #		Preservation Codes:	
WO #		Analysis Requested		Job #		Preservation Codes:	
SSOW#		Analysis Requested		Job #		Preservation Codes:	
Sample Identification		Analysis Requested		Job #		Preservation Codes:	
Sample Date		Analysis Requested		Job #		Preservation Codes:	
Sample Time		Analysis Requested		Job #		Preservation Codes:	
Sample Type (C=Comp, G=grab)		Analysis Requested		Job #		Preservation Codes:	
Matrix (W=Water, S=solid, G=Gas, B=Blood, E=Extraction, A=Air)		Analysis Requested		Job #		Preservation Codes:	
Preservation Code		Analysis Requested		Job #		Preservation Codes:	
Sample ID		Analysis Requested		Job #		Preservation Codes:	
55-01		Analysis Requested		Job #		Preservation Codes:	
55-02		Analysis Requested		Job #		Preservation Codes:	
55-03		Analysis Requested		Job #		Preservation Codes:	
55-04		Analysis Requested		Job #		Preservation Codes:	
55-05		Analysis Requested		Job #		Preservation Codes:	
55-06		Analysis Requested		Job #		Preservation Codes:	
55-07		Analysis Requested		Job #		Preservation Codes:	
55-08		Analysis Requested		Job #		Preservation Codes:	
55-09		Analysis Requested		Job #		Preservation Codes:	
55-10		Analysis Requested		Job #		Preservation Codes:	
Possible Hazard Identification		Analysis Requested		Job #		Preservation Codes:	
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological ☐		Analysis Requested		Job #		Preservation Codes:	
Deliverable Requested: I, II, III, IV, Other (specify)		Analysis Requested		Job #		Preservation Codes:	
Requisitioned by		Analysis Requested		Job #		Preservation Codes:	
Requisitioned by		Analysis Requested		Job #		Preservation Codes:	
Requisitioned by		Analysis Requested		Job #		Preservation Codes:	
Custody Seals Intact: (Yes ☐ No ☐)		Analysis Requested		Job #		Preservation Codes:	
Custody Seal No.		Analysis Requested		Job #		Preservation Codes:	
Cooler Temperature(s) °C and Other Packages		Analysis Requested		Job #		Preservation Codes:	

Chain of Custody Record

300-3441A

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler		Lab PM		Carrier Tracking No(s):		SQC No.	
Client Contact: <i>[Signature]</i>		SHAWN DONOVAN		BECKY MASON				013596	
Company:		Phone: 802-922-3447		E-Mail:				Page: 3 of 3	
Address:		Due Date Requested:		Analysis Requested		Job #		36002674	
City:		TAT Requested (days):		PCL 13 Metals		Preservation Codes:		J - DI Water B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH H - Ascorbic Acid I - Ice	
State, Zip:		Quote #:		82608 VOCs		Regulatory programs:		MCP ☐ GWI/SI ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐	
Phone:		PO #:		82608 VOCs		Total Number of Containers		1	
Email:		WO #:		PCL 13 Metals		Field Filled Sample?		☒	
Project Name/Number:		SSOW#:		PCL 13 Metals		Perform MS/MSD?		☒	
Site:				PCL 13 Metals		Sampler's Initials		☒	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (W=Water, S=solid, O=Other, B=BI-Tissue, A=Air)	
DUPLICATE - 10		6/8/11		1200		G		SOS	
SB - 102		6/9/11		1105		I		W	
SB - 103				1535		I		I	
SB - 104				1430		I		I	
DUPLICATE - 11				1200		I		I	
SB - 101 (1.5-2.0')				1105		C		S	
SB - 102 (0-0.9')				1045		I		I	
SB - 103 (1.2-1.6')				1120		I		I	
SB - 104 (1.3-1.6')				1150		I		I	
DUPLICATE - 1				1055		I		I	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)									
Relinquished by: <i>[Signature]</i> Date/Time: 6/10/11 14:26 Company: WSE									
Relinquished by: <i>[Signature]</i> Date/Time: 06/10/11 1620 Company: WSE									
Relinquished by: <i>[Signature]</i> Date/Time: 06/10/11 1350 Company: WSE									
Custody Seals Intact: ☒ Yes ☐ No									
Custody Seal No.: 106217 / 106218 / 109219 / 106220									
Cooler Temperature(s) °C and Other Remarks: 38 / 1.4 / 48 / 5.2 / 7.0									

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34415-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/16/2011 03:37:03 PM

James Wickham

Technology Manager

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Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

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www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Job ID: 360-34415-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/11/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was acceptable.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Trip Blank soil TB (360-34415-1) and Trip Blank Water TB (360-34415-2) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/14/2011.

Bromoform, Methyl tert-butyl ether and Methylene Chloride failed the recovery criteria high for LCS/LCSD 360-75203/3. Refer to the QC report for details.

For batch 75203, the calibration curve uses quadratic regressions for Bromoform, 1,2-Dibromo-3-Chloropropane,

The continuing calibration verification (CCV) for analytical batch 75203 exceeded control criteria for Bromoform, Methyl tert-butyl ether, Methylene Chloride (high).

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Client Sample ID: Trip Blank soil TB

Lab Sample ID: 360-34415-1

No Detections.

Client Sample ID: Trip Blank Water TB

Lab Sample ID: 360-34415-2

No Detections.

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Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WFD

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34415-1	Trip Blank soil TB	Water	06/07/11 09:00	06/11/11 13:50
360-34415-2	Trip Blank Water TB	Water	06/07/11 09:00	06/11/11 13:50

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Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: Trip Blank soil TB

Date Collected: 06/07/11 09:00

Date Received: 06/11/11 13:50

Lab Sample ID: 360-34415-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/14/11 18:51	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/14/11 18:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/14/11 18:51	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/14/11 18:51	1
1,1-Dichloroethane	ND		1.0		ug/L			06/14/11 18:51	1
1,1-Dichloroethene	ND		1.0		ug/L			06/14/11 18:51	1
1,1-Dichloropropene	ND		1.0		ug/L			06/14/11 18:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/14/11 18:51	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/14/11 18:51	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,2-Dichloroethane	ND		1.0		ug/L			06/14/11 18:51	1
1,2-Dichloropropane	ND		1.0		ug/L			06/14/11 18:51	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
2,2-Dichloropropane	ND		1.0		ug/L			06/14/11 18:51	1
Acetone	ND		50		ug/L			06/14/11 18:51	1
Benzene	ND		1.0		ug/L			06/14/11 18:51	1
Bromoform	ND *		1.0		ug/L			06/14/11 18:51	1
Bromobenzene	ND		1.0		ug/L			06/14/11 18:51	1
Bromomethane	ND		2.0		ug/L			06/14/11 18:51	1
Carbon tetrachloride	ND		1.0		ug/L			06/14/11 18:51	1
Chlorobenzene	ND		1.0		ug/L			06/14/11 18:51	1
Chlorobromomethane	ND		1.0		ug/L			06/14/11 18:51	1
Chlorodibromomethane	ND		0.50		ug/L			06/14/11 18:51	1
Chloroethane	ND		2.0		ug/L			06/14/11 18:51	1
Chloroform	ND		1.0		ug/L			06/14/11 18:51	1
Chloromethane	ND		2.0		ug/L			06/14/11 18:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 18:51	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 18:51	1
Dibromomethane	ND		1.0		ug/L			06/14/11 18:51	1
Dichlorobromomethane	ND		0.50		ug/L			06/14/11 18:51	1
Ethylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
Ethylene Dibromide	ND		1.0		ug/L			06/14/11 18:51	1
2-Chlorotoluene	ND		1.0		ug/L			06/14/11 18:51	1
4-Chlorotoluene	ND		1.0		ug/L			06/14/11 18:51	1
Hexachlorobutadiene	ND		0.40		ug/L			06/14/11 18:51	1
Isopropylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/14/11 18:51	1
2-Butanone (MEK)	ND		10		ug/L			06/14/11 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/14/11 18:51	1
Methylene Chloride	ND *		2.0		ug/L			06/14/11 18:51	1
N-Propylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
n-Butylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
Naphthalene	ND		5.0		ug/L			06/14/11 18:51	1
o-Xylene	ND		1.0		ug/L			06/14/11 18:51	1
sec-Butylbenzene	ND		1.0		ug/L			06/14/11 18:51	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Trip Blank soil TB

Lab Sample ID: 360-34415-1

Date Collected: 06/07/11 09:00

Matrix: Water

Date Received: 06/11/11 13:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.0		ug/L			06/14/11 18:51	1
Tetrachloroethene	ND		1.0		ug/L			06/14/11 18:51	1
Toluene	ND		1.0		ug/L			06/14/11 18:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 18:51	1
Trichloroethene	ND		1.0		ug/L			06/14/11 18:51	1
Vinyl chloride	ND		0.50		ug/L			06/14/11 18:51	1
Methyl tert-butyl ether	ND	*	1.0		ug/L			06/14/11 18:51	1
Trichlorofluoromethane	ND		1.0		ug/L			06/14/11 18:51	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 18:51	1
Styrene	ND		1.0		ug/L			06/14/11 18:51	1
2-Hexanone	ND		10		ug/L			06/14/11 18:51	1
4-Isopropyltoluene	ND		1.0		ug/L			06/14/11 18:51	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		06/14/11 18:51	1
Dibromofluoromethane	105		70 - 130		06/14/11 18:51	1
Toluene-d8 (Surr)	100		70 - 130		06/14/11 18:51	1

Client Sample ID: Trip Blank Water TB

Lab Sample ID: 360-34415-2

Date Collected: 06/07/11 09:00

Matrix: Water

Date Received: 06/11/11 13:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/14/11 19:13	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/14/11 19:13	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/14/11 19:13	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/14/11 19:13	1
1,1-Dichloroethane	ND		1.0		ug/L			06/14/11 19:13	1
1,1-Dichloroethene	ND		1.0		ug/L			06/14/11 19:13	1
1,1-Dichloropropene	ND		1.0		ug/L			06/14/11 19:13	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/14/11 19:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/14/11 19:13	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,2-Dichloroethane	ND		1.0		ug/L			06/14/11 19:13	1
1,2-Dichloropropane	ND		1.0		ug/L			06/14/11 19:13	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
2,2-Dichloropropane	ND		1.0		ug/L			06/14/11 19:13	1
Acetone	ND		50		ug/L			06/14/11 19:13	1
Benzene	ND		1.0		ug/L			06/14/11 19:13	1
Bromoform	ND	*	1.0		ug/L			06/14/11 19:13	1
Bromobenzene	ND		1.0		ug/L			06/14/11 19:13	1
Bromomethane	ND		2.0		ug/L			06/14/11 19:13	1
Carbon tetrachloride	ND		1.0		ug/L			06/14/11 19:13	1
Chlorobenzene	ND		1.0		ug/L			06/14/11 19:13	1
Chlorobromomethane	ND		1.0		ug/L			06/14/11 19:13	1
Chlorodibromomethane	ND		0.50		ug/L			06/14/11 19:13	1
Chloroethane	ND		2.0		ug/L			06/14/11 19:13	1

TestAmerica Westfield

Client Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Trip Blank Water TB

Lab Sample ID: 360-34415-2

Date Collected: 06/07/11 09:00

Matrix: Water

Date Received: 06/11/11 13:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0		ug/L			06/14/11 19:13	1
Chloromethane	ND		2.0		ug/L			06/14/11 19:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 19:13	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 19:13	1
Dibromomethane	ND		1.0		ug/L			06/14/11 19:13	1
Dichlorobromomethane	ND		0.50		ug/L			06/14/11 19:13	1
Ethylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
Ethylene Dibromide	ND		1.0		ug/L			06/14/11 19:13	1
2-Chlorotoluene	ND		1.0		ug/L			06/14/11 19:13	1
4-Chlorotoluene	ND		1.0		ug/L			06/14/11 19:13	1
Hexachlorobutadiene	ND		0.40		ug/L			06/14/11 19:13	1
Isopropylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/14/11 19:13	1
2-Butanone (MEK)	ND		10		ug/L			06/14/11 19:13	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/14/11 19:13	1
Methylene Chloride	ND *		2.0		ug/L			06/14/11 19:13	1
N-Propylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
n-Butylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
Naphthalene	ND		5.0		ug/L			06/14/11 19:13	1
o-Xylene	ND		1.0		ug/L			06/14/11 19:13	1
sec-Butylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
tert-Butylbenzene	ND		1.0		ug/L			06/14/11 19:13	1
Tetrachloroethene	ND		1.0		ug/L			06/14/11 19:13	1
Toluene	ND		1.0		ug/L			06/14/11 19:13	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 19:13	1
Trichloroethene	ND		1.0		ug/L			06/14/11 19:13	1
Vinyl chloride	ND		0.50		ug/L			06/14/11 19:13	1
Methyl tert-butyl ether	ND *		1.0		ug/L			06/14/11 19:13	1
Trichlorofluoromethane	ND		1.0		ug/L			06/14/11 19:13	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 19:13	1
Styrene	ND		1.0		ug/L			06/14/11 19:13	1
2-Hexanone	ND		10		ug/L			06/14/11 19:13	1
4-Isopropyltoluene	ND		1.0		ug/L			06/14/11 19:13	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		06/14/11 19:13	1
Dibromofluoromethane	104		70 - 130		06/14/11 19:13	1
Toluene-d8 (Surr)	101		70 - 130		06/14/11 19:13	1

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

QC Association Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

GC/MS VOA

Analysis Batch: 75203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 360-75203/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 360-75203/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 360-75203/6	Method Blank	Total/NA	Water	8260B	
360-34415-1	Trip Blank soil TB	Total/NA	Water	8260B	
360-34415-2	Trip Blank Water TB	Total/NA	Water	8260B	

Surrogate Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
360-34415-1	Trip Blank soil TB	98	105	100
360-34415-2	Trip Blank Water TB	97	104	101
LCS 360-75203/3	Lab Control Sample	95	102	103
LCSD 360-75203/4	Lab Control Sample Dup	94	103	102
MB 360-75203/6	Method Blank	97	105	101

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 360-75203/6

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/14/11 11:57	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/14/11 11:57	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/14/11 11:57	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/14/11 11:57	1
1,1-Dichloroethane	ND		1.0		ug/L			06/14/11 11:57	1
1,1-Dichloroethene	ND		1.0		ug/L			06/14/11 11:57	1
1,1-Dichloropropene	ND		1.0		ug/L			06/14/11 11:57	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,2,3-Trichloropropane	ND		1.0		ug/L			06/14/11 11:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/L			06/14/11 11:57	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,2-Dichloroethane	ND		1.0		ug/L			06/14/11 11:57	1
1,2-Dichloropropane	ND		1.0		ug/L			06/14/11 11:57	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
2,2-Dichloropropane	ND		1.0		ug/L			06/14/11 11:57	1
Acetone	ND		50		ug/L			06/14/11 11:57	1
Benzene	ND		1.0		ug/L			06/14/11 11:57	1
Bromoform	ND		1.0		ug/L			06/14/11 11:57	1
Bromobenzene	ND		1.0		ug/L			06/14/11 11:57	1
Bromomethane	ND		2.0		ug/L			06/14/11 11:57	1
Carbon tetrachloride	ND		1.0		ug/L			06/14/11 11:57	1
Chlorobenzene	ND		1.0		ug/L			06/14/11 11:57	1
Chlorobromomethane	ND		1.0		ug/L			06/14/11 11:57	1
Chlorodibromomethane	ND		0.50		ug/L			06/14/11 11:57	1
Chloroethane	ND		2.0		ug/L			06/14/11 11:57	1
Chloroform	ND		1.0		ug/L			06/14/11 11:57	1
Chloromethane	ND		2.0		ug/L			06/14/11 11:57	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 11:57	1
cis-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 11:57	1
Dibromomethane	ND		1.0		ug/L			06/14/11 11:57	1
Dichlorobromomethane	ND		0.50		ug/L			06/14/11 11:57	1
Ethylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
Ethylene Dibromide	ND		1.0		ug/L			06/14/11 11:57	1
2-Chlorotoluene	ND		1.0		ug/L			06/14/11 11:57	1
4-Chlorotoluene	ND		1.0		ug/L			06/14/11 11:57	1
Hexachlorobutadiene	ND		0.40		ug/L			06/14/11 11:57	1
Isopropylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
m-Xylene & p-Xylene	ND		2.0		ug/L			06/14/11 11:57	1
2-Butanone (MEK)	ND		10		ug/L			06/14/11 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		10		ug/L			06/14/11 11:57	1
Methylene Chloride	ND		2.0		ug/L			06/14/11 11:57	1
N-Propylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
n-Butylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
Naphthalene	ND		5.0		ug/L			06/14/11 11:57	1
o-Xylene	ND		1.0		ug/L			06/14/11 11:57	1

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 360-75203/6

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
tert-Butylbenzene	ND		1.0		ug/L			06/14/11 11:57	1
Tetrachloroethene	ND		1.0		ug/L			06/14/11 11:57	1
Toluene	ND		1.0		ug/L			06/14/11 11:57	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/14/11 11:57	1
Trichloroethene	ND		1.0		ug/L			06/14/11 11:57	1
Vinyl chloride	ND		0.50		ug/L			06/14/11 11:57	1
Methyl tert-butyl ether	ND		1.0		ug/L			06/14/11 11:57	1
Trichlorofluoromethane	ND		1.0		ug/L			06/14/11 11:57	1
trans-1,3-Dichloropropene	ND		0.40		ug/L			06/14/11 11:57	1
Styrene	ND		1.0		ug/L			06/14/11 11:57	1
2-Hexanone	ND		10		ug/L			06/14/11 11:57	1
4-Isopropyltoluene	ND		1.0		ug/L			06/14/11 11:57	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		06/14/11 11:57	1
Dibromofluoromethane	105		70 - 130		06/14/11 11:57	1
Toluene-d8 (Surr)	101		70 - 130		06/14/11 11:57	1

Lab Sample ID: LCS 360-75203/3

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	22.4		ug/L		112	70 - 130
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		94	70 - 130
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	70 - 130
1,1-Dichloroethane	20.0	19.8		ug/L		99	70 - 130
1,1-Dichloroethene	20.0	21.6		ug/L		108	70 - 130
1,1-Dichloropropene	20.0	20.7		ug/L		104	70 - 130
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	20.0	19.9		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	20.0	22.1		ug/L		111	70 - 130
1,2,3-Trichloropropane	20.0	18.1		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.0		ug/L		105	70 - 130
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
1,2-Dichloroethane	20.0	18.3		ug/L		92	70 - 130
1,2-Dichloropropane	20.0	20.1		ug/L		101	70 - 130
1,3,5-Trimethylbenzene	20.0	19.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	20.0	20.7		ug/L		104	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
2,2-Dichloropropane	20.0	20.9		ug/L		105	70 - 130
Acetone	200	192		ug/L		96	70 - 130
Benzene	20.0	20.5		ug/L		103	70 - 130
Bromoform	20.0	28.6 *		ug/L		143	70 - 130
Bromobenzene	20.0	18.6		ug/L		93	70 - 130
Bromomethane	20.0	22.9		ug/L		115	70 - 130
Carbon tetrachloride	20.0	25.4		ug/L		127	70 - 130

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 360-75203/3

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chlorobenzene	20.0	19.7		ug/L		99	70 - 130
Chlorobromomethane	20.0	20.0		ug/L		100	70 - 130
Chlorodibromomethane	20.0	22.5		ug/L		113	70 - 130
Chloroethane	20.0	21.9		ug/L		110	70 - 130
Chloroform	20.0	18.6		ug/L		93	70 - 130
Chloromethane	20.0	18.4		ug/L		92	70 - 130
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	70 - 130
Dibromomethane	20.0	20.1		ug/L		101	70 - 130
Dichlorobromomethane	20.0	20.4		ug/L		102	70 - 130
Ethylbenzene	20.0	19.8		ug/L		99	70 - 130
Ethylene Dibromide	20.0	20.3		ug/L		102	70 - 130
2-Chlorotoluene	20.0	18.9		ug/L		95	70 - 130
4-Chlorotoluene	20.0	18.4		ug/L		92	70 - 130
Hexachlorobutadiene	20.0	20.6		ug/L		103	70 - 130
Isopropylbenzene	20.0	19.7		ug/L		99	70 - 130
m-Xylene & p-Xylene	40.0	39.1		ug/L		98	70 - 130
2-Butanone (MEK)	200	190		ug/L		95	70 - 130
4-Methyl-2-pentanone (MIBK)	200	192		ug/L		96	70 - 130
Methylene Chloride	20.0	26.7	*	ug/L		134	70 - 130
N-Propylbenzene	20.0	20.1		ug/L		101	70 - 130
n-Butylbenzene	20.0	20.4		ug/L		102	70 - 130
Naphthalene	20.0	19.2		ug/L		96	70 - 130
o-Xylene	20.0	19.3		ug/L		97	70 - 130
sec-Butylbenzene	20.0	21.8		ug/L		109	70 - 130
tert-Butylbenzene	20.0	21.0		ug/L		105	70 - 130
Tetrachloroethene	20.0	21.9		ug/L		110	70 - 130
Toluene	20.0	20.9		ug/L		105	70 - 130
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 130
Trichloroethene	20.0	20.8		ug/L		104	70 - 130
Vinyl chloride	20.0	21.4		ug/L		107	70 - 130
Methyl tert-butyl ether	20.0	26.2	*	ug/L		131	70 - 130
Trichlorofluoromethane	20.0	20.2		ug/L		101	70 - 130
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	70 - 130
Styrene	20.0	19.3		ug/L		97	70 - 130
2-Hexanone	200	191		ug/L		96	70 - 130
4-Isopropyltoluene	20.0	23.1		ug/L		116	70 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 360-75203/4

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	22.2		ug/L		111	70 - 130	1	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-75203/4

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	70 - 130	4	25
1,1,2,2-Tetrachloroethane	20.0	18.3		ug/L		92	70 - 130	2	25
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	70 - 130	3	25
1,1-Dichloroethane	20.0	19.5		ug/L		98	70 - 130	2	25
1,1-Dichloroethene	20.0	20.3		ug/L		102	70 - 130	6	25
1,1-Dichloropropene	20.0	20.0		ug/L		100	70 - 130	3	25
1,2,3-Trichlorobenzene	20.0	19.2		ug/L		96	70 - 130	2	25
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130	1	25
1,2,4-Trimethylbenzene	20.0	21.5		ug/L		108	70 - 130	3	25
1,2,3-Trichloropropane	20.0	18.3		ug/L		92	70 - 130	1	25
1,2-Dibromo-3-Chloropropane	20.0	21.6		ug/L		108	70 - 130	3	25
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	70 - 130	1	25
1,2-Dichloroethane	20.0	18.3		ug/L		92	70 - 130	0	25
1,2-Dichloropropane	20.0	19.6		ug/L		98	70 - 130	3	25
1,3,5-Trimethylbenzene	20.0	19.4		ug/L		97	70 - 130	2	25
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130	1	25
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130	2	25
2,2-Dichloropropane	20.0	20.2		ug/L		101	70 - 130	3	25
Acetone	200	195		ug/L		97	70 - 130	1	25
Benzene	20.0	20.0		ug/L		100	70 - 130	2	25
Bromoform	20.0	29.0	*	ug/L		145	70 - 130	1	25
Bromobenzene	20.0	18.1		ug/L		91	70 - 130	3	25
Bromomethane	20.0	21.1		ug/L		106	70 - 130	8	25
Carbon tetrachloride	20.0	24.1		ug/L		121	70 - 130	5	25
Chlorobenzene	20.0	19.3		ug/L		97	70 - 130	2	25
Chlorobromomethane	20.0	20.0		ug/L		100	70 - 130	0	25
Chlorodibromomethane	20.0	22.1		ug/L		111	70 - 130	2	25
Chloroethane	20.0	20.0		ug/L		100	70 - 130	9	25
Chloroform	20.0	18.5		ug/L		93	70 - 130	1	25
Chloromethane	20.0	17.2		ug/L		86	70 - 130	7	25
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	70 - 130	3	25
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130	1	25
Dibromomethane	20.0	20.3		ug/L		102	70 - 130	1	25
Dichlorobromomethane	20.0	20.4		ug/L		102	70 - 130	0	25
Ethylbenzene	20.0	19.3		ug/L		97	70 - 130	3	25
Ethylene Dibromide	20.0	20.0		ug/L		100	70 - 130	1	25
2-Chlorotoluene	20.0	18.4		ug/L		92	70 - 130	3	25
4-Chlorotoluene	20.0	18.4		ug/L		92	70 - 130	0	25
Hexachlorobutadiene	20.0	20.0		ug/L		100	70 - 130	3	25
Isopropylbenzene	20.0	19.0		ug/L		95	70 - 130	4	25
m-Xylene & p-Xylene	40.0	38.7		ug/L		97	70 - 130	1	25
2-Butanone (MEK)	200	193		ug/L		96	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)	200	195		ug/L		97	70 - 130	2	25
Methylene Chloride	20.0	26.8	*	ug/L		134	70 - 130	0	25
N-Propylbenzene	20.0	19.1		ug/L		96	70 - 130	5	25
n-Butylbenzene	20.0	19.9		ug/L		100	70 - 130	2	25
Naphthalene	20.0	19.4		ug/L		97	70 - 130	1	25
o-Xylene	20.0	19.1		ug/L		96	70 - 130	1	25
sec-Butylbenzene	20.0	21.3		ug/L		107	70 - 130	2	25
tert-Butylbenzene	20.0	20.9		ug/L		105	70 - 130	0	25

TestAmerica Westfield

QC Sample Results

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 360-75203/4

Matrix: Water

Analysis Batch: 75203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 130	4	25
Toluene	20.0	20.1		ug/L		101	70 - 130	4	25
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130	2	25
Trichloroethene	20.0	20.1		ug/L		101	70 - 130	3	25
Vinyl chloride	20.0	19.7		ug/L		99	70 - 130	8	25
Methyl tert-butyl ether	20.0	26.1	*	ug/L		131	70 - 130	0	25
Trichlorofluoromethane	20.0	19.0		ug/L		95	70 - 130	6	25
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	70 - 130	0	25
Styrene	20.0	19.3		ug/L		97	70 - 130	0	25
2-Hexanone	200	192		ug/L		96	70 - 130	0	25
4-Isopropyltoluene	20.0	22.6		ug/L		113	70 - 130	2	25

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Chronicle

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Client Sample ID: Trip Blank soil TB
Date Collected: 06/07/11 09:00
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34415-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75203	06/14/11 18:51	TH	TAL WFD

Client Sample ID: Trip Blank Water TB
Date Collected: 06/07/11 09:00
Date Received: 06/11/11 13:50

Lab Sample ID: 360-34415-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	75203	06/14/11 19:13	TH	TAL WFD

Laboratory References:
TAL WFD = TestAmerica Westfield, Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085, TEL (413)572-4000

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34415-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34415-1

Login Number: 34415

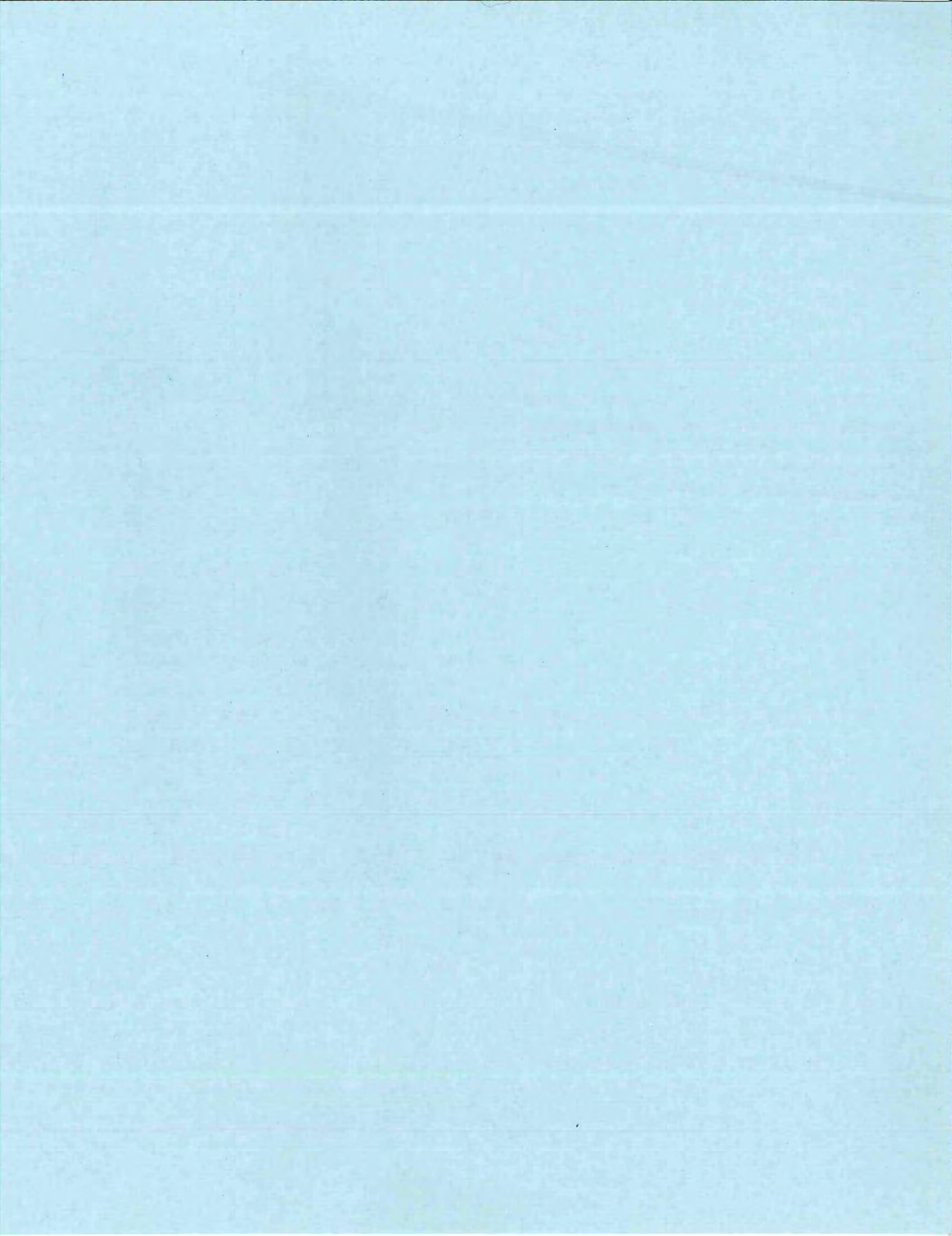
List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client Information Client Contact: KEVIN MCALISTER Company: WSE Address: P.O. Box 189 City: WATERBURY, VT State, Zip: 05676 Phone: 802-244-5051 Email: MCALISTER@WSEINC.COM Project Name/Number: MWL GRAYMILL - CREAMERY Site: 36002674		Sampler: SHAWN DONOHAN Lab PM: BECKY MASON Phone: 802-922-3447 E-Mail:		Carrier Tracking No(s): COC No: 015174 Page: 1 of 1 Job #: 36002674	
Due Date Requested: TAT Requested (days): Quote #: PO #: WO #: SSOW#:		Analysis Requested			
Sample Identification Trip BLANK Trip BLANK		Matrix (W=Water, S=solid, O=water/oil, BT=Tissue, A=Air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code:		Field Filtered Sample? Perform MS/MSD? Total Number of Containers	
Special Instructions/Note: Special Instructions/Note:		Regulatory programs: MCP ☐ GW/ISI ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH H - Ascorbic Acid I - Ice J - DI Water M - Hexane N - None P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 Z - other (specify)	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months					
Special Instructions/QC Requirements:					
Relinquished by:		Date/Time: 6/10/11 14:26 Company: WSE		Date/Time: 6/10/11 14:26 Company: TA Box	
Relinquished by:		Date/Time: 6/10/11 16:20 Company:		Date/Time: 6/11/11 13:20 Company: Westfield	
Relinquished by:		Date/Time:		Date/Time:	
Custody Seal No.: Yes ☐ No ☐		Custody Seal No.: 160217/160218		Cooler Temperature(s) °C and Other Remarks: 3.8/1.5/4.8/5.2 JIR	



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Westfield
Westfield Executive Park
53 Southampton Road
Westfield, MA 01085
Tel: (413)572-4000

TestAmerica Job ID: 360-34424-1

Client Project/Site: MWL Gristmill-Creamery

For:

Weston & Sampson Engineers
98 South Main St. Suite 2
PO BOX 189
Waterbury, Vermont 05676

Attn: Mr. Kevin McAleer



Authorized for release by:

06/27/2011 10:04:58 AM

Joe Chimi

Report Production Representative

joe.chimi@testamericainc.com

Designee for

Becky Mason

Project Manager II

becky.mason@testamericainc.com

LINKS

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Visit us at:

www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Job ID: 360-34424-1

Laboratory: TestAmerica Westfield

Narrative

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/10/2011; the samples arrived in good condition. Samples were received by TestAmerica Burlington and shipped directly to TestAmerica Phoenix.

MERCURY VAPOR

This analysis was performed at TestAmerica Phoenix, 4625 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ 85040.

Refer to subcontract report for details.

Detection Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Client Sample ID: CB1-HG (1)	Lab Sample ID: 360-34424-1
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: CB2-HG (2)	Lab Sample ID: 360-34424-2
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: CB3-HG (3)	Lab Sample ID: 360-34424-3
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: CB3-HGD (4)	Lab Sample ID: 360-34424-4
--------------------------------------	-----------------------------------

No Detections.

Client Sample ID: CB4-HG (5)	Lab Sample ID: 360-34424-5
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: CBG-HG (6)	Lab Sample ID: 360-34424-6
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: GB2-HG (7)	Lab Sample ID: 360-34424-7
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: GB3-HG (8)	Lab Sample ID: 360-34424-8
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: GB4-HG (9)	Lab Sample ID: 360-34424-9
-------------------------------------	-----------------------------------

No Detections.

Client Sample ID: Background-HG (10)	Lab Sample ID: 360-34424-10
---	------------------------------------

No Detections.

Client Sample ID: Blank	Lab Sample ID: 360-34424-11
--------------------------------	------------------------------------

No Detections.

Method Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Method	Method Description	Protocol	Laboratory
NIOSH 6009 Hg	NIOSH 6009 Mercury Vapor	NONE	EMLab P&K

Protocol References:

NONE = NONE

Laboratory References:

EMLab P&K = EMLab P&K - Phoenix Microlab, 1501 W Knudsen, Phoenix, AZ 85027, TEL (800)651-4802

1

2

3

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10

11

Sample Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
360-34424-1	CB1-HG (1)	Air	06/09/11 16:33	06/10/11 14:26
360-34424-2	CB2-HG (2)	Air	06/09/11 16:31	06/10/11 14:26
360-34424-3	CB3-HG (3)	Air	06/09/11 15:58	06/10/11 14:26
360-34424-4	CB3-HGD (4)	Air	06/09/11 16:09	06/10/11 14:26
360-34424-5	CB4-HG (5)	Air	06/09/11 16:10	06/10/11 14:26
360-34424-6	CBG-HG (6)	Air	06/09/11 15:43	06/10/11 14:26
360-34424-7	GB2-HG (7)	Air	06/09/11 15:14	06/10/11 14:26
360-34424-8	GB3-HG (8)	Air	06/09/11 15:31	06/10/11 14:26
360-34424-9	GB4-HG (9)	Air	06/09/11 15:35	06/10/11 14:26
360-34424-10	Background-HG (10)	Air	06/09/11 15:33	06/10/11 14:26
360-34424-11	Blank	Air	06/09/11 15:14	06/10/11 14:26

Definitions/Glossary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

SUBCONTRACTED DATA

June 20, 2011

LABORATORY REPORT

Client:

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Attn: Becky Mason

Work Order: PUF0762
Project Name: Mercury Air 2011
Project Number: MWL Gristmill-Creamery / 36002674
Date Received: 06/13/11
Final Report: 06/20/11 10:58

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica Laboratories, Inc., Phoenix Laboratory certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(602)437-3340

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

CASE NARRATIVE:

SAMPLE RECEIPT: Samples were received intact, at 20°C and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

Approved By:



Denise Harrington
Project Manager

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Becky Mason

Work Order: PUF0762
Project: Mercury Air 2011
Project Number: MWL Gristmill-Creamery / 36002674

Received: 06/13/11
Reported: 06/20/11 10:58

<u>SAMPLE IDENTIFICATION</u>	<u>LAB NUMBER</u>	<u>COLLECTION DATE</u>	<u>CONTAINER TYPE</u>
CB1-HG (1) (360-34424-1)	PUF0762-01	06/09/11	Anasorb C300, 200 mg
CB2-HG (2) (360-34424-2)	PUF0762-02	06/09/11	Anasorb C300, 200 mg
CB3-HG (3) (360-34424-3)	PUF0762-03	06/09/11	Anasorb C300, 200 mg
CB3-HGD (4) (360-34424-4)	PUF0762-04	06/09/11	Anasorb C300, 200 mg
CB4-HG (5) (360-34424-5)	PUF0762-05	06/09/11	Anasorb C300, 200 mg
CBG-HG (6) (360-34424-6)	PUF0762-06	06/09/11	Anasorb C300, 200 mg
GB2-HG (7) (360-34424-7)	PUF0762-07	06/09/11	Anasorb C300, 200 mg
GB3-HG (8) (360-34424-8)	PUF0762-08	06/09/11	Anasorb C300, 200 mg
GB4-HG (9) (360-34424-9)	PUF0762-09	06/09/11	Anasorb C300, 200 mg
Background-HG (10) (360-34424-10)	PUF0762-10	06/09/11	Anasorb C300, 200 mg
Blank (360-34424-11)	PUF0762-11	06/09/11	Anasorb C300, 200 mg

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Becky Mason

Work Order: PUF0762
Project: Mercury Air 2011
Project Number: MWL Gristmill-Creamery / 36002674

Received: 06/13/11
Reported: 06/20/11 10:58

ANALYTICAL REPORT

Analyte	Result	Qual	Date Analyzed	Analyst	Rpt Limit ug, Total	Method
Mercury by NIOSH 6009 (Modified)						
Sample ID: PUF0762-01 (CB1-HG (1) (360-34424-1))	Tube		Sample Air Volume: 100.33L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000224	<0.0000273	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-02 (CB2-HG (2) (360-34424-2))	Tube		Sample Air Volume: 99.96L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000225	<0.0000274	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-03 (CB3-HG (3) (360-34424-3))	Tube		Sample Air Volume: 97.82L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000230	<0.0000280	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-04 (CB3-HGD (4) (360-34424-4))	Tube		Sample Air Volume: 99.93L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000225	<0.0000274	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-05 (CB4-HG (5) (360-34424-5))	Tube		Sample Air Volume: 100.28L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000224	<0.0000273	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-06 (CBG-HG (6) (360-34424-6))	Tube		Sample Air Volume: 99.89L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000225	<0.0000275	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-07 (GB2-HG (7) (360-34424-7))	Tube		Sample Air Volume: 99.83L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000225	<0.0000275	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-08 (GB3-HG (8) (360-34424-8))	Tube		Sample Air Volume: 99.71L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000226	<0.0000275	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-09 (GB4-HG (9) (360-34424-9))	Tube		Sample Air Volume: 102.76L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000219	<0.0000267	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-10 (Background-HG (10) (360-34424-10))	Tube		Sample Air Volume: 99.56L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	<0.000226	<0.0000275	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)
Sample ID: PUF0762-11 (Blank (360-34424-11))	Tube		Sample Air Volume: L		Sampled: 06/09/11	
ug, Total	mg/m3	ppm			Prepared: 06/15/11 08:25	
Mercury	<0.0225	--	--	6/15/2011	sls	0.0225 NIOSH 6009 (Modified)

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Becky Mason

Work Order: PUF0762
Project: Mercury Air 2011
Project Number: MWL Gristmill-Creamery / 36002674

Received: 06/13/11
Reported: 06/20/11 10:58

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Qual	Units	Q.C. Batch	Target Range	Lab Number	Analyzed Date
Mercury by NIOSH 6009 (Modified)							
11F0458-BLK1							
Mercury	<0.0225		ug, Total	11F0458		11F0458-BLK1	06-15-2011

LCS

Analyte	Known Val.	Analyzed Val	Qual	Units	% Rec.	Target Range	Batch	Analyzed Date
Mercury by NIOSH 6009 (Modified)								
11F0458-BS1								
Mercury	0.500	0.455		ug, Total	91%	81-129	11F0458	06-15-2011

LCS Dup

Analyte	Orig. Val.	Duplicate	Qual	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date
Mercury by NIOSH 6009 (Modified)												
11F0458-BSD1												
Mercury		0.465		ug, Total	0.500	93%	81-129	2.08	30	11F0458		06-15-2011

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Becky Mason

Work Order: PUF0762
Project: Mercury Air 2011
Project Number: MWL Gristmill-Creamery / 36002674

Received: 06/13/11
Reported: 06/20/11 10:58

CERTIFICATION SUMMARY

Analyses included in this report were performed by TestAmerica Phoenix, 4625 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ 85040.

TestAmerica Phoenix (Lab ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation for the following methods: NIOSH 0500, NIOSH 0600, NIOSH 1003, NIOSH 1005, NIOSH 1007, NIOSH 1010, NIOSH 1015, NIOSH 1022, NIOSH 1300, NIOSH 1400, NIOSH 1401, NIOSH 1403, NIOSH 1405, NIOSH 1450, NIOSH 1457, NIOSH 1500, NIOSH 1501, NIOSH 1550, NIOSH 1602, NIOSH 1604, NIOSH 1606, NIOSH 1609, NIOSH 1610, NIOSH 1611, NIOSH 1613, NIOSH 1615, NIOSH 2000, NIOSH 2016, NIOSH 2532, NIOSH 2546, NIOSH 2551, NIOSH 5000, NIOSH 5503, NIOSH 5506, NIOSH 5600, NIOSH 6006, NIOSH 6009, NIOSH 6010, NIOSH 7300, NIOSH 7303, NIOSH 7600, NIOSH 7903, NIOSH 9100, NIOSH 9102, EPA IP-6A, EPA IP-6C, OSHA PV2120, OSHA 7, OSHA 42, OSHA 47, OSHA 48, OSHA 64, OSHA 69, OSHA 111, OSHA ID-140, OSHA ID-121, OSHA ID-125G, OSHA IS-215, OSHA 1001, OSHA 1002, OSHA 1003, OSHA 1004, OSHA 1005 and OSHA Chemical and Sampling Information for Silane. Volatile organic compounds on 3M Organic Vapor Monitors, Assay Technology Passive Monitors and SKC Passive Monitors. Formaldehyde and other aldehydes and ketones on Assay Technology Passive Monitor. Aldehydes and ketones by EPA TO-11A.

The TestAmerica Phoenix is also licensed through the State of Arizona (AZ0728) for EPA method TO-15.

TestAmerica Phoenix also holds NELAC accreditation through the State of Oregon (AZ100001) for the analytical techniques noted on the scope of accreditation and the State of New York (11898) for NIOSH 6009.

Samples were analyzed using methods outlined in references such as:

- OSHA - Occupational Safety and Health Administration, U. S. Department of Labor, OSHA Analytical Methods Manual.
- NIOSH - National Institute for Occupational Safety and Health, U. S. Department of Health and Human Services, NIOSH Manual of Analytical Methods, Fourth Edition, 1994, and Updates. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.
- EPA - U. S. Environmental Protection Agency, Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.
- EPA - U. S. Environmental Protection Agency, Analytical Methods, Emission Measurement Center (EMC).

Analytical Comments:

Unless otherwise noted, all method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Unless otherwise noted, sample results have been corrected for method blank values.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Chain of Custody Record

PUF 0762

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)				Sampler	Lab Pk:	Carrier Tracking No. (S)	CCC No:						
Client Contact				Phone:	Mason, Becky C		360-6205-1						
Shipping/Receiving					E-Mail: becky.mason@testamericainc.com		Page: Page 1 of 1						
Company: EMLab P&K				Job #: 360-34424-1									
Address: 1501 W Knudsen,				Due Date Requested:	Preservation Codes:								
City: Phoenix				6/24/2011	A - HCL								
State, Zip: AZ, 85027				TAT Requested (days):	B - NaOH								
Phone: 800-651-4802(Te)					C - 2% Acetate								
Email: WVO #:					D - Nitric Acid								
Project Name: MWWL Grismill-Creemery					E - NH4SC4								
SSON#: 35002874					F - MeOH								
					G - Amorph								
					H - Ascorbic Acid								
					I - Ioe								
					J - DI Water								
					K - EDTA								
					L - EDA								
					Z - other (specify)								
					Other:								
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Other, M=Metals, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ NIOSH 6009 Hg	Total Number of containers	Special Instructions/Note:	
CB1-HG (1) (360-34424-1)				6/9/11	16:33	Eastern	Air	X				1	NeelRlof
CB2-HG (2) (360-34424-2)				6/9/11	16:31	Eastern	Air	X				1	3 vs m3 Per 100 L to
CB3-HG (3) (360-34424-3)				6/9/11	16:58	Eastern	Air	X				1	
CB3-HGD (4) (360-34424-4)				6/9/11	16:09	Eastern	Air	X				1	
CB4-HG (5) (360-34424-5)				6/9/11	16:10	Eastern	Air	X				1	
CBG-HG (6) (360-34424-6)				6/9/11	15:43	Eastern	Air	X				1	
CB2-HG (7) (360-34424-7)				6/9/11	15:14	Eastern	Air	X				1	
CB3-HG (8) (360-34424-8)				6/9/11	15:31	Eastern	Air	X				1	
CB4-HG (9) (360-34424-9)				6/9/11	15:35	Eastern	Air	X				1	
Background-HG (10) (360-34424-10)				6/9/11	15:35	Eastern	Air	X				1	
Blank (360-34424-11)				6/9/11	15:14	Eastern	Air	X				1	
Possible Hazard Identification				Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:				Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months					
Empty Kit Relinquished by:				Date:	Time:	Method of Shipment:							
Relinquished by:				Date/Time:	Company:	Received by:		Date/Time:	Company:				
Relinquished by:				Date/Time:	Company:	Received by:		Date/Time:	Company:				
Custody Seals Intact: ☐ Yes ☐ No				Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

Certification Summary

Client: Weston & Sampson Engineers
Project/Site: MWL Gristmill-Creamery

TestAmerica Job ID: 360-34424-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Westfield	Connecticut	State Program	1	PH-0494
TestAmerica Westfield	Florida	NELAC	4	E87912
TestAmerica Westfield	Maine	State Program	1	MA00014
TestAmerica Westfield	Massachusetts	State Program	1	M-MA014
TestAmerica Westfield	New Hampshire	NELAC	1	2539
TestAmerica Westfield	New Jersey	NELAC	2	MA008
TestAmerica Westfield	New York	NELAC	2	10843
TestAmerica Westfield	North Carolina	North Carolina DENR	4	647
TestAmerica Westfield	Rhode Island	State Program	1	LAO00057
TestAmerica Westfield	Vermont	State Program	1	VT-10843

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New Hampshire (NELAC) prim.	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)	NP			NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Collert-P/A)		P			
SM 9224	Coliforms, Total, and E.Coli (Enumeration)		P			
1103.1	E.coli		ambient/ source			
Enterolert	Enterococcus					
200.8 Rev 5.4	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)	P	P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction	SW				
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethane compounds	P	P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric	P	P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total	P	NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP		NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP/P	NP	NP/P		

Not all organic compounds are accredited under NELAC

For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory

The lab carries additional accreditations with several states. This is the laboratories typical listing but is subject to change based on the laboratories current certification standing.

Login Sample Receipt Checklist

Client: Weston & Sampson Engineers

Job Number: 360-34424-1

Login Number: 34424

List Source: TestAmerica Westfield

List Number: 1

Creator: Ard, Vanessa L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403
Phone: (802) 660-1990

Chain of Custody Record

TestAmerica

30-34404

Client Information		Sampler	Scn 2	Lab Pkt	Carrier Tracking No(s)	COC No:
Client Contact: Kevin McHeer		Phone: 802-244-5051		Lab Pkt: Becky Moon / Denise Hemmington		Page: 1
Company: Weston * Scorpion Engineers						Lab #:
Address: 98 South Main Street						
City: Waterbury						
State, Zip: Vermont 05676						
Phone: 802-244-5051						
Email: mcaleer@wseinc.com						
Project Name: MWL Grinnell - Creamery						
Site: 11						
Due Date Requested:		TAT Requested (days):		Analysis Requested		
		Standard				
PO #:		WO #:		Preservation Codes:		
Project #:		2100637 C		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anhydrous H - Ascorbic Acid I - Ion J - DI Water K - EDTA L - EDA Other:		
SSOW#:				Total Number of Containers		
Sample Identification - Client ID		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (V=Vapor, S=Solid, O=Other)	Field Filtered Sample (Yes or No)
CB1 - HG (1)		6/9/11	08:36 - 16:33	C	A	X
CB2 - HG (2)		6/9/11	09:35 - 16:31	C	A	X
CB3 - HG (3)		6/9/11	09:07 - 15:58	C	A	X
CB3 - HGD (4)		6/9/11	09:19 - 16:09	C	A	X
CB4 - HG (5)		6/9/11	08:48 - 16:10	C	A	X
CB6 - HG (6)		6/9/11	15:17 - 15:17	C	A	X
CB2 - HG (7)		6/9/11	08:14 - 15:14	C	A	X
CB3 - HG (8)		6/9/11	08:31 - 15:31	C	A	X
CB4 - HG (9)		6/9/11	08:27 - 15:31	C	A	X
Background - HG (10)		6/9/11	08:38 - 15:33	C	A	X
Blank		-	-	C	A	X
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (Specify)		Special Instructions/OC Requirements:				
Relinquished by: [Signature]		Received by: [Signature]				
Relinquished by: [Signature]		Received by: [Signature]				
Relinquished by: [Signature]		Received by: [Signature]				
Custody Seals Intact: ☐ Yes ☐ No		Cooler Temperature(s) °C and Other Remarks: 25.6°C				
Custody Seal No.:		20.0°C / July				

MEMORANDUM

Date: 7/7/11

To: Shawn Donovan, Weston & Sampson Engineers, Inc.

From: Steve Hartmann, TestAmerica Laboratories, Inc

Subject: Reporting limits on MWL Gristmill Creamery Project

TestAmerica supplied a list of our standard reporting limits (RL's) and method detection limits (MDL's) for inclusion in the QAPP documents prepared for this project. For soil and solid materials, these RL's do not reflect moisture content of samples and assume a standard weight of material will be used (e.g. 10grams for PCB by 8082). Several factors could lead to elevation in these reporting limits such as dilution due to over calibration targets, sample matrix, limited volume of sample, or high moisture content.

Several samples of shaved wood chips were submitted for this project for PCB analysis. The laboratory was unable to extract the standard weight of 10 grams for these samples because the extraction glassware could not adequately hold the larger volume of wood shavings required to compensate for the low density of the material. Instead a standard weight of 5 grams was used to extract these samples thereby elevating RL's by factor of approximately 2 times.

Appendix D

Clay Point Associates, Inc.
Asbestos Inspection reports

Clay Point Associates, Inc.

www.claypointassociates.com



June 30, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Inspection for Asbestos Containing Materials
Former Creamery Building, 36 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

Enclosed is documentation related to professional asbestos inspection activities performed by Clay Point Associates, Inc. (CPAI) on May 23 and June 20, 2011 on/within the Former Creamery Building at 36 A Street, Morrisville, Vermont. Inspection activities were performed in advance of proposed building renovations.

On May 23 and June 20, 2011, CPAI collected twenty-three (23) bulk samples of suspect asbestos containing materials. All bulk samples were submitted to a Vermont certified analytical service and were analyzed by Polarized Light Microscopy (PLM) (Visual Estimation Method) according to EPA Method 600/R-93/116. Identification of asbestos by PLM is based on optical crystallographic properties, and gives a qualitative differentiation between types of asbestos and other fibrous materials. It also allows for a quantitative estimate of percent asbestos using EPA approved methods.

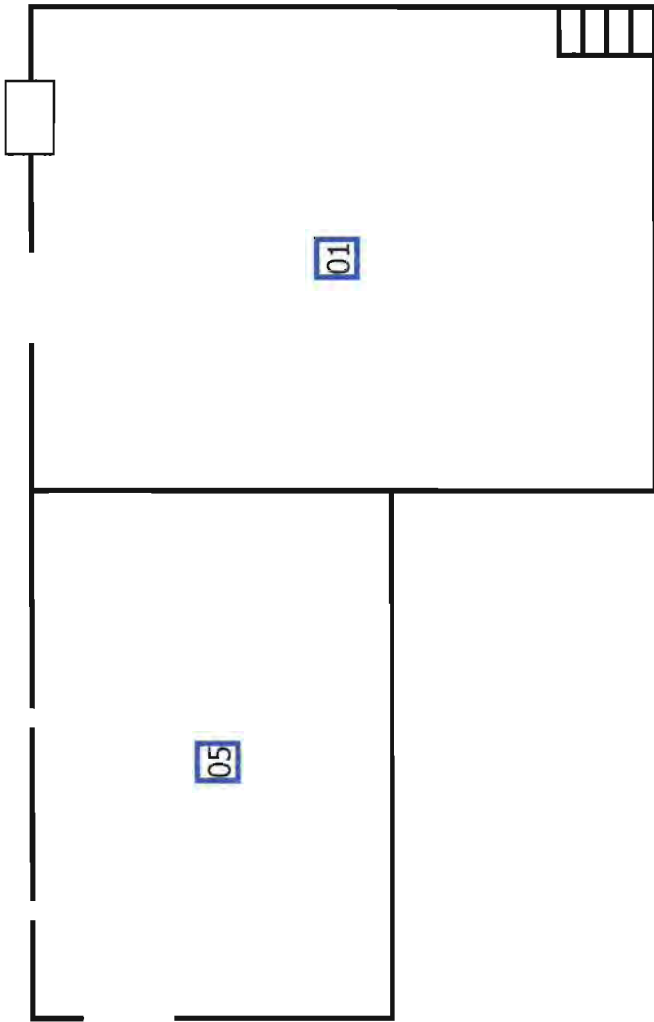
The Bulk Sample Analysis Inventory (Table 1), Inventory of Asbestos Containing Materials (Table 2), analytical service bulk sample analysis report and CPAI/analytical service certification information are attached to this report.

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this inspection report, please contact us at (802) 879-2600.

Sincerely,
CLAY POINT ASSOCIATES, INC.

Todd C. Hobson
President

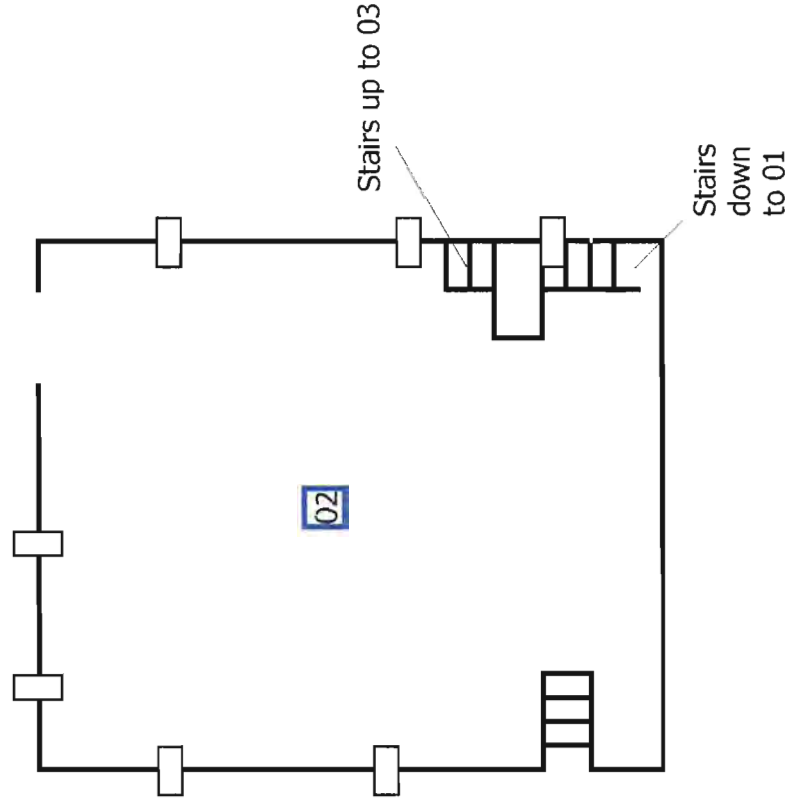
First Level



00 = CPAI Area Number

Clay Point Associates, Inc. Project #11595 May 23, 2011	Former Creamery Building 36 A Street Morrisville, Vermont	Asbestos Inspection Not to Scale Drawn by: Heather Bromberg
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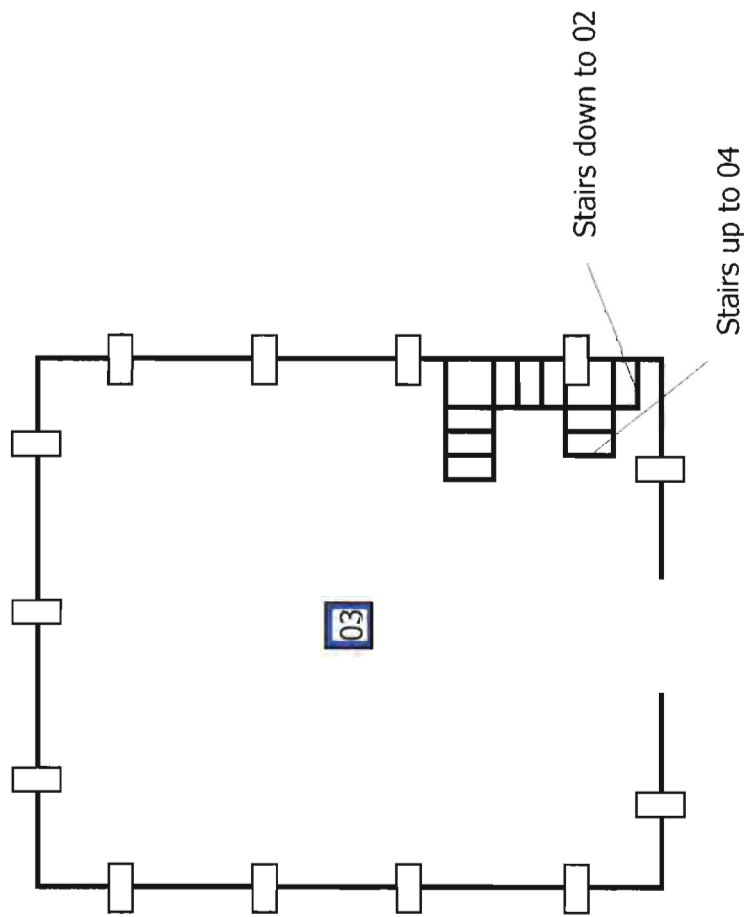
Second Level



00 = CPAI Area Number

Clay Point Associates, Inc. Project #11595 May 23, 2011	Former Creamery Building 36 A Street Morrisville, Vermont	Asbestos Inspection Not to Scale Drawn by: Heather Bromberg
---	---	---

Third Level



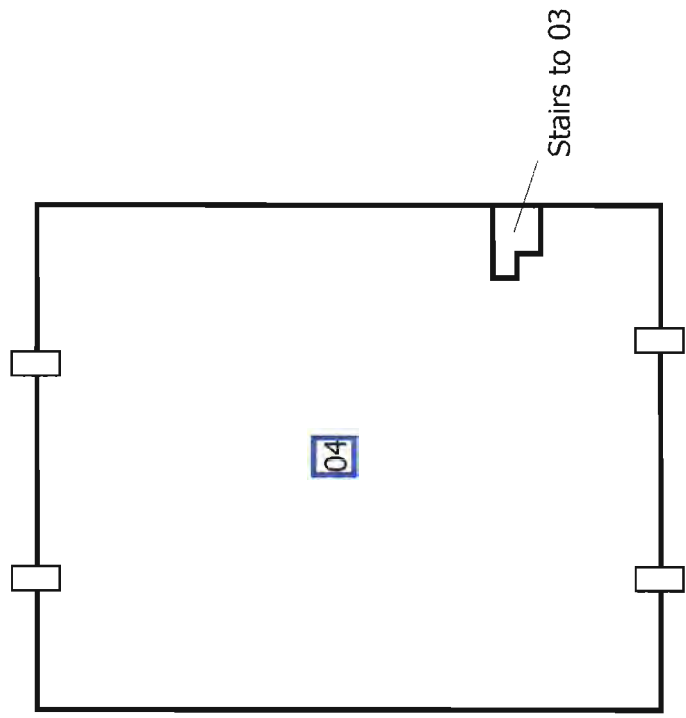
 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg

Fourth Level



 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg

Building Exterior

C



B

D

A

A Street

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg



Table 1
Bulk Sample Analysis Inventory
(1 of 3)

Building/Addition:

Former Creamery Building
36 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Mudded Material, assoc. w/ Exhaust Breeching	06201111595-30	06/20/11	131102721-0008	CPAI Area #03, on south side of chimney, in south east section, 7 ft. 9 in. from floor.	ND
	06201111595-32	06/20/11	131102721-0009	CPAI Area #02, on west side of chimney, at east section, center area.	ND
Cementitious Piping	06201111595-35	06/20/11	131102721-0013	CPAI Area #01, northeast section, loose piece on elevated section.	20% Chrys. 5% Croc.
Sheet Rock	06201111595-39	06/20/11	131102721-0014	CPAI Area #05, on north wall, 3 ft. 10 in. from west wall, 2 ft. 10 in. from floor.	ND
	06201111595-40	06/20/11	131102721-0015	CPAI Area #05, on east wall, 5 ft. from south wall, 5 ft. 11 in. from floor.	ND
	06201111595-41	06/20/11	131102721-0016	CPAI Area #05, on ceiling, 2 ft. 7 in. from south wall, 6 ft. 1 in. from west wall.	ND

(continued)

Table 1
Bulk Sample Analysis Inventory
(2 of 3)

Building/Addition:

Former Creamery Building
36 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Construction Paper, Brown	06201111595-27	06/20/11	131102721-0006	CPAI Area #03, 5 ft. from north wall, 8 ft. 5 in. from east wall, 6 ft. 11 in. from floor.	ND
	06201111595-26	06/20/11	131102721-0007	CPAI Area #03, 3 ft. 6 in. from north wall, 13 ft. 5 in. from east wall, 6 ft. 11 in. from floor.	ND
Cementitious Backerboard	06201111595-31	06/20/11	131102721-0010	CPAI Area #02, on lower shelf at north wall, center section.	ND
Electrical Wiring Insulation, black	05231111595-13	05/23/11	131102721-0022	CPAI Area # 01, on west wall, 9 ft. 2 in. from south wall, 3 ft. 9 in. from floor.	ND
	05231111595-14	05/23/11	131102721-0023	CPAI Area # 01, on south wall, 6 in. from west wall, 6 ft. 2 in. from floor.	ND
	06201111595-45	06/20/11	131102721-0021	CPAI Area # 05, on west wall, center section.	ND
Electrical Wiring Insulation, assoc. w/ knob and tube	06201111595-28	06/20/11	131102721-0003	CPAI Area #03, on ceiling, east section, center area.	ND
	06201111595-37	06/20/11	131102721-0004	CPAI Area #02, hanging from ceiling in northeast section.	ND
Cloth Material	06201111595-44	06/20/11	131102721-0020	CPAI Area #05, at south wall, center section.	ND

(continued)

Table 1
Bulk Sample Analysis Inventory
(3 of 3)

Building/Addition:

Former Creamery Building
36 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Refractory Brick	06201111595-33	06/20/11	131102721-0011	CPAI Area #01, from welding structure in center of room.	ND
	06201111595-34	06/20/11	131102721-0012	CPAI Area #01, from welding structure in center of room.	ND
Asphalt-Based Coating	06201111595-29	06/20/11	131102721-0005	CPAI Area #03, on floor, southwest corner.	ND
Felt Paper assoc. w/ roof	06201111595-42	06/20/11	131102721-0017	CPAI Area #04, on ceiling, west pitch, center section.	ND
	06201111595-43	06/20/11	131102721-0018	CPAI Area #04, on ceiling, west pitch, center section.	ND
Window Glazing	06201111595-19	06/20/11	131102721-0001	Exterior, 3rd Floor, on east side of building, northernmost window, upper sash, east side.	ND
	06201111595-38	06/20/11	131102721-0002	Exterior, 3rd Floor, on east side of building, southernmost window, lower sash, east section.	ND
Felt Paper	05231111595-12	05/23/11	131102721-0019	Exterior, on south wall of Addition (CPAI Area #05).	ND

PLM = Polarized Light Microscopy
ND = None Detected (Asbestos)
Chrys. = Chrysotile Asbestos
Croc. = Crocidolite Asbestos



Table 2
Inventory of Asbestos Containing Materials
(1 of 1)

Building/Addition:

Former Creamery Building
36 A Street
Morrisville, Vermont

CPAI Area #	Homogeneous Material	Approx. Quantity	General Location
01	Hardboard	6 sq. ft.	On ceiling in center section (former duct chase liner).
	Cementitious Piping	Unquant.	Loose pieces in center, east and northeast sections.
	Miscellaneous Gaskets and Packings	Unquant.	Loose on west wall and in northwest section.
02	Cementitious Piping	4 lin. ft.	Loose piece in northeast section.
	Miscellaneous Gaskets and Packings	Unquant.	Loose on south wall and on west wall, south section.

Unquant. = Material not specifically quantified

**EMSL Analytical, Inc.**

7 Constitution Way, Suite 107, Woburn, MA 01801

Phone: (781) 933-8411 Fax: (781) 933-8412 Email: bostonlab@emsl.com

Attn: **Heather Bromberg**
Clay Point Associates, Inc.
P.O. Box 1254
Williston, VT 05495

Customer ID: CLAY53
Customer PO:
Received: 06/22/11 9:35 AM
EMSL Order: 131102721

Fax:
Project: **CPAI Proj# 11595**

Phone: (802) 879-2600

EMSL Proj:
Analysis Date: 6/25/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
06201111595-19 131102721-0001	No Location Given - No Description Given	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-38 131102721-0002	No Location Given - No Description Given	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-28 131102721-0003	No Location Given - No Description Given	Brown/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
06201111595-37 131102721-0004	No Location Given - No Description Given	Brown/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
06201111595-29 131102721-0005	No Location Given - No Description Given	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-27 131102721-0006	No Location Given - No Description Given	Tan Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
06201111595-26 131102721-0007	No Location Given - No Description Given	Tan Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 15:07:35

Analyst(s)

Kevin Pine (23)

Renaldo Drakes, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

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EMSL Order: 131102721

Fax:
Project: CPAL Proj# 11595

Phone: (802) 879-2600

EMSL Proj:
Analysis Date: 6/25/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06201111595-30 131102721-0008	No Location Given - No Description Given	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-32 131102721-0009	No Location Given - No Description Given	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-31 131102721-0010	No Location Given - No Description Given	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-33 131102721-0011	No Location Given - No Description Given	Red/Orange Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-34 131102721-0012	No Location Given - No Description Given	Orange Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-35 131102721-0013	No Location Given - No Description Given	Gray Fibrous Homogeneous		75% Non-fibrous (other)	20% Chrysotile 5% Crocidolite
06201111595-39 131102721-0014	No Location Given - No Description Given	Tan/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 15:07:35

Analyst(s)

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Attn: **Heather Bromberg**
Clay Point Associates, Inc.
P.O. Box 1254
Williston, VT 05495

Customer ID: **CLAY53**
Customer PO:
Received: **06/22/11 9:35 AM**
EMSL Order: **131102721**

Fax:
Project: **CPAI Proj# 11595**

Phone: (802) 879-2600

EMSL Proj:
Analysis Date: **6/25/2011**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06201111595-40 131102721-0015	No Location Given - No Description Given	Tan/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
06201111595-41 131102721-0016	No Location Given - No Description Given	Tan/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
06201111595-42 131102721-0017	No Location Given - No Description Given	Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
06201111595-43 131102721-0018	No Location Given - No Description Given	Black Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
05231111595-12 131102721-0019	No Location Given - No Description Given	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
06201111595-44 131102721-0020	No Location Given - No Description Given	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
06201111595-45 131102721-0021	No Location Given - No Description Given	Brown/Black Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 15:07:35

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
05231111595-13 131102721-0022	No Location Given - No Description Given	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
05231111595-14 131102721-0023	No Location Given - No Description Given	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 15:07:35

Analyst(s)

Kevin Pine (23)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

ASBESTOS CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: CE018341

EXPIRES: Friday, April 06, 2012

CERIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME.

THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.

THIS CERTIFICATE IS FOR OFFICE USE ONLY.

Brenda Daring

ASBESTOS INSPECTOR/MANAGEMENT PLANNER

TODD C. HOBSON
CLAY POINT ASSOCIATES, INC. P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: MP017768

EXPIRES: Friday, January 06, 2012

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VERMONT ASBESTOS REGULATORY PROGRAM

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Brenda McCreary

ASBESTOS PROJECT DESIGNER

TODD C. HOBSON
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WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: PD017769

EXPIRES: Thursday, December 22, 2011

CERTIFICATE OF LICENSE
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Brenda McCreary

ASBESTOS PROJECT MONITOR

TODD C. HOBSON
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WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: PM015765

EXPIRES: Thursday, March 01, 2012

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VERMONT ASBESTOS REGULATORY PROGRAM

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Brenda McCreary

ASBESTOS SITE INSPECTOR

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: AI158701

EXPIRES: Wednesday, January 11, 2012

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

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Brenda Deering

Clay Point Associates, Inc.

www.claypointassociates.com



June 30, 2011

Mr. Kevin McAleer
Weston & Sampson
98 South Main Street
Waterbury, Vermont 05676

Re: Inspection for Asbestos Containing Materials
Former Grist Mill Structure, 56 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

Enclosed is documentation related to professional asbestos inspection activities performed by Clay Point Associates, Inc. (CPAI) on May 23 and June 20, 2011 on/within the Former Grist Mill Structure at 56 A Street, Morrisville, Vermont. Inspection activities were performed in advance of proposed building renovations.

On May 23 and June 20, 2011, CPAI collected eighteen (18) bulk samples of suspect asbestos containing materials. All bulk samples were submitted to a Vermont certified analytical service. Seventeen (17) of the samples were analyzed by Polarized Light Microscopy (PLM) (Visual Estimation Method) according to EPA Method 600/R-93/116. Identification of asbestos by PLM is based on optical crystallographic properties, and gives a qualitative differentiation between types of asbestos and other fibrous materials. It also allows for a quantitative estimate of percent asbestos using EPA approved methods.

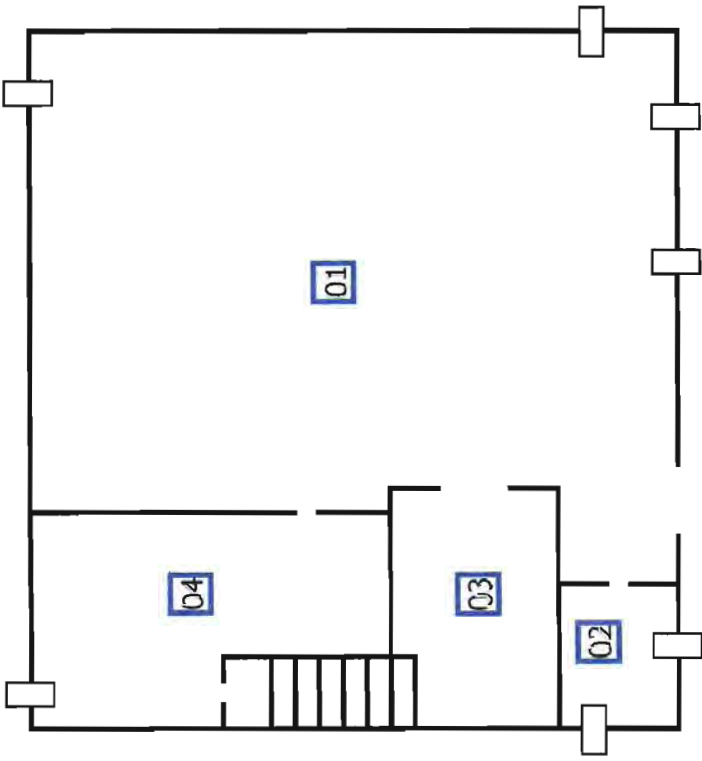
The Bulk Sample Analysis Inventory (Table 1), Inventory of Asbestos Containing Materials (Table 2), analytical service bulk sample analysis report and CPAI/analytical service certification information are attached to this report.

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this inspection report, please contact us at (802) 879-2600.

Sincerely,
CLAY POINT ASSOCIATES, INC.

Todd C. Hobson
President

First Level



00 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
May 20, 2011

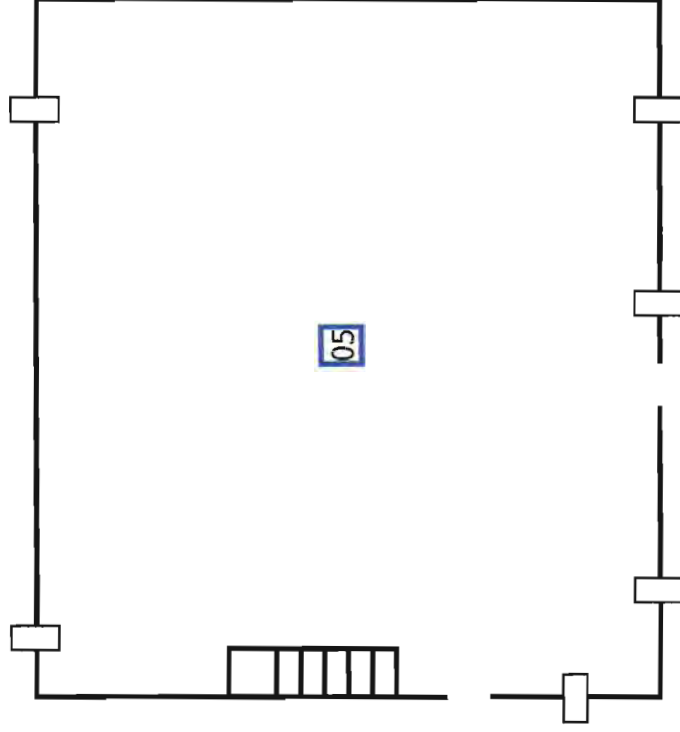
Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg

Second Level



Project North



05

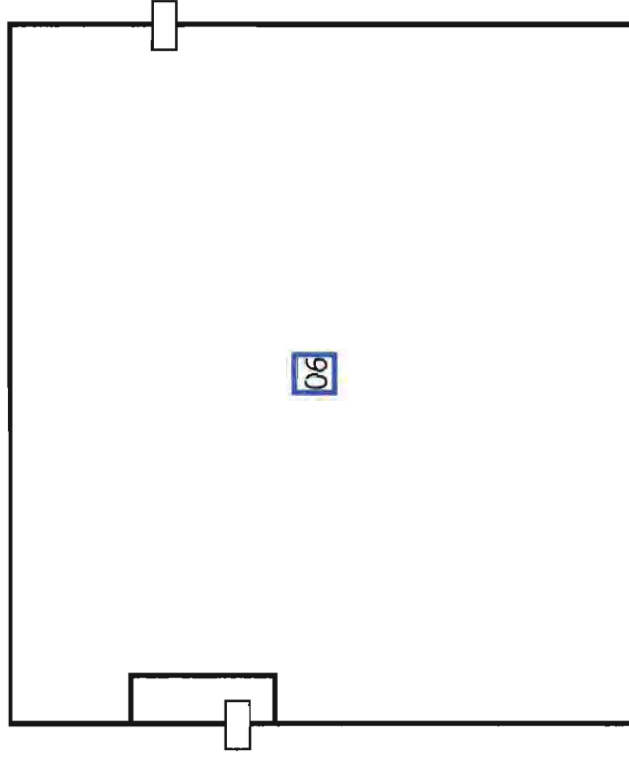
00 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
May 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg

Third Level



00 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
May 20, 2011

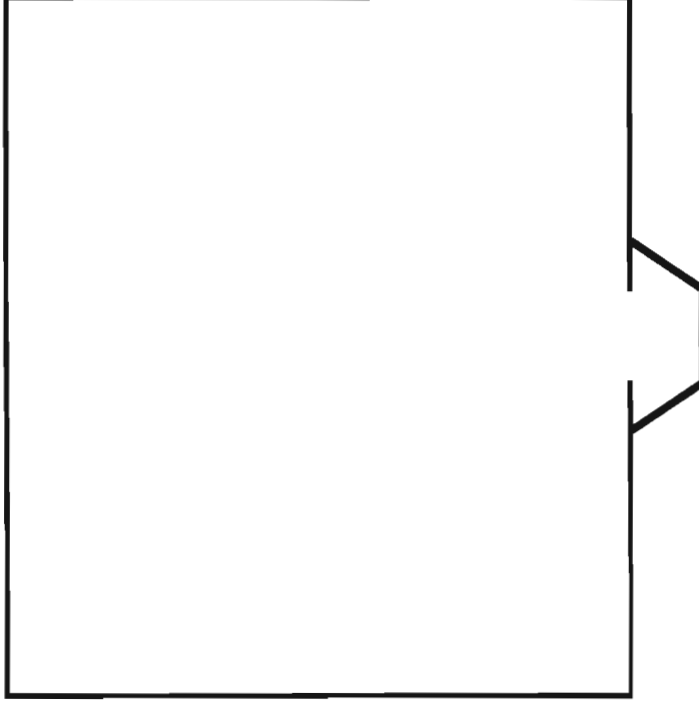
Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg

Building Exterior



Project North



Clay Point Associates, Inc.
Project #11595
May 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Heather Bromberg



Table 1
Bulk Sample Analysis Inventory
(1 of 3)

Building/Addition:

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Wall Plaster	05231111595-05	05/23/11	131102720-0004	CPAI Area #01, on west wall, 2 ft. from north wall, 4 ft. from floor.	ND
	05231111595-06	05/23/11	131102720-0005	CPAI Area #04, on south wall, 2 ft. from east wall, 4 ft. 4 in. from floor.	ND
	06201111595-20	06/20/11	131102720-0001	CPAI Area #03, on south wall, 6 in. from west wall, 3 ft. 1 in. from floor.	ND
	06201111595-21	06/20/11	131102720-0002	CPAI Area #04, on west wall, 2 ft. from south wall, 4 ft. 10 in. from floor.	ND
	06201111595-23	06/20/11	131102720-0003	CPAI Area #02, on south wall, 1 ft. 7 in. from east wall, 3 ft. 5 in. from floor.	ND
Insulation Paper	06201111595-18	06/20/11	131102720-0006	CPAI Area #02, on south wall, 6 ft. from east wall, 4 ft. 6 in. from floor.	80% Chrys.
	05231111595-07	05/23/11	131102720-0007	CPAI Area #03, on south wall, 4 ft. 8 in. from west wall, 6 ft. from floor.	n/a

(continued)

Table 1
Bulk Sample Analysis Inventory
(2 of 3)

Building/Addition: Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Electrical Wiring Insulation assoc. w/ knob and tube system	06201111595-22	06/20/11	131102720-0011	CPAI Area #04, on south wall (common with stairs).	ND
	06201111595-24	06/20/11	131102720-0012	CPAI Area #06, on south-west support column.	ND
Asphalt-Based Coating	05231111595-03	05/23/11	131102720-0017	CPAI Area #01, on floor, 9 ft. from west wall, 12 ft. 6 in. from south wall.	ND
	05231111595-04	05/23/11	131102720-0018	CPAI Area #01, on floor, 7 ft. from south wall, 13 ft. 4 in. from west wall.	ND
Roofing Shingle (older)	05231111595-08	05/23/11	131102720-0013	CPAI Area #06, on slanted ceiling, 4 ft. from south wall, 5 ft. 5 in. from base of west wall, 5 ft. from floor.	ND
	05231111595-09	05/23/11	131102720-0014	CPAI Area #06, on slanted ceiling, 20 ft. from north wall, 2 ft. from base of west wall, 5 ft. from floor.	ND

(continued)

Table 1
Bulk Sample Analysis Inventory
(3 of 3)

Building/Addition:

Former Creamery Building
56 A Street
Morrisville, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Roofing Shingle (newer)	05231111595-10	05/23/11	131102720-0015	CPAI Area #06, on ceiling, 4 ft. from south wall, 5 ft. 5 in. from base of west wall, 5 ft. from floor.	ND
	05231111595-11	05/23/11	131102720-0016	CPAI Area #06, on ceiling, 20 ft. from north wall, 2 ft. from base of west wall, 5 ft. from floor.	ND
Window Glazing	06201111595-16	06/20/11	131102720-0008	Exterior, 1st Level, east side of building, southernmost window, lower sash, south side.	ND
	06201111595-17	06/20/11	131102720-0009	Exterior, 2nd Level, west side of building, northernmost window, upper sash, centermost area.	ND
	06201111595-25	06/20/11	131102720-0010	Exterior, 3rd Level, from window at north side, lower sash, center area.	ND

PLM = Polarized Light Microscopy
ND = None Detected (Asbestos)
Chrys. = Chrysotile Asbestos
n/a = not analyzed (stop positive)



Table 2
Inventory of Asbestos Containing Materials
(1 of 1)

Building/Addition:

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

CPAI Area #	Homogeneous Material	Approx. Quantity	General Location
02/03	Insulation Paper	12 sq. ft.	On south wall, west section (CPAI Area #02) and on south wall, east section (CPAI Area #03).

**EMSL Analytical, Inc.**

7 Constitution Way, Suite 107, Woburn, MA 01801

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Attn: **Heather Bromberg**
Clay Point Associates, Inc.
P.O. Box 1254
Williston, VT 05495

Customer ID: CLAY53
Customer PO:
Received: 06/22/11 9:35 AM
EMSL Order: 131102720

Fax:
Project: CPAI Proj# 11595

Phone: (802) 879-2600

EMSL Proj:
Analysis Date: 6/25/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06201111595-20 131102720-0001	No Location Given - No Description Given	Gray Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
06201111595-21 131102720-0002	No Location Given - No Description Given	Gray Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
06201111595-23 131102720-0003	No Location Given - No Description Given	Gray Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
05231111595-05 131102720-0004	No Location Given - No Description Given	Gray Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
05231111595-06 131102720-0005	No Location Given - No Description Given	Gray Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
06201111595-18 131102720-0006	No Location Given - No Description Given	White Fibrous Homogeneous		20% Non-fibrous (other)	80% Chrysotile
05231111595-07 131102720-0007	No Location Given - No Description Given				Stop Positive (Not Analyzed)

Initial report from 06/25/2011 10:45:28

Analyst(s)

Kevin Pine (17)

Renaldo Drakes, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

**EMSL Analytical, Inc.**

7 Constitution Way, Suite 107, Woburn, MA 01801

Phone: (781) 933-8411 Fax: (781) 933-8412 Email: bostonlab@emsl.com

Attn: **Heather Bromberg**
Clay Point Associates, Inc.
P.O. Box 1254
Williston, VT 05495

Customer ID: CLAY53
Customer PO:
Received: 06/22/11 9:35 AM
EMSL Order: 131102720

Fax:
Project: **CPAI Proj# 11595**

Phone: (802) 879-2600

EMSL Proj:
Analysis Date: 6/25/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
06201111595-16 131102720-0008	No Location Given - No Description Given	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-17 131102720-0009	No Location Given - No Description Given	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-25 131102720-0010	No Location Given - No Description Given	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
06201111595-22 131102720-0011	No Location Given - No Description Given	Brown/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
06201111595-24 131102720-0012	No Location Given - No Description Given	Brown/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
05231111595-08 131102720-0013	No Location Given - No Description Given	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
05231111595-09 131102720-0014	No Location Given - No Description Given	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 10:45:28

Analyst(s)

Kevin Pine (17)

Renaldo Drakes, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

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Phone: (802) 879-2600

EMSL Proj:
Analysis Date: 6/25/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
05231111595-10 131102720-0015	No Location Given - No Description Given	Black/Green Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
05231111595-11 131102720-0016	No Location Given - No Description Given	Green Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
05231111595-03 131102720-0017	No Location Given - No Description Given	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
05231111595-04 131102720-0018	No Location Given - No Description Given	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Initial report from 06/25/2011 10:45:28

Analyst(s)

Kevin Pine (17)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

ASBESTOS CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: CE018341

EXPIRES: Friday, April 06, 2012

CERTIFICATE OF LICENSE
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OR VOIDED BEFORE THAT TIME

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Brenda Dwyer

ASBESTOS INSPECTOR/MANAGEMENT PLANNER

TODD C. HOBSON
CLAY POINT ASSOCIATES, INC. P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: MP017768

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Brenda McHenry

ASBESTOS PROJECT DESIGNER

TODD C. HOBSON
CLAY POINT ASSOCIATES, INC. P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: PD017769

EXPIRES: Thursday, December 22, 2011

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Brenda McHenry

ASBESTOS PROJECT MONITOR

TODD C. HOBSON
CLAY POINT ASSOCIATES, INC. P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: PM015765

EXPIRES: Thursday, March 01, 2012

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Brenda McHenry

ASBESTOS SITE INSPECTOR

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: AI158701

EXPIRES: Wednesday, January 11, 2012

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VERMONT ASBESTOS REGULATORY PROGRAM

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Brada Deenig

Appendix E

Clay Point Associates, Inc.

Lead Based Paint Inspection Reports

Clay Point Associates, Inc.

www.claypointassociates.com



June 21, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Report of Lead-Based Paint Inspection
Former Creamery Building, 36 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

Enclosed for your review is the Clay Point Associates, Inc. (CPAI) report related to the lead-based paint inspection performed on May 20 and 23, 2011 on/within the Former Creamery Building at 36 A Street, Morrisville, Vermont. Inspection activities were performed in accordance with the guidelines outlined in the 1997 revision of Chapter 7: Lead-Based Paint Inspection of the U.S. Department of Housing and Urban Development's, "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", June 1995 (HUD).

For your information, lead-based paint was detected on/within the Former Creamery Building.

On-site lead-based paint testing was performed by the use of a portable x-ray fluorescence analyzer (XRF). Specifically, a RMD Instruments, LLC., Lead Paint Analysis System (LPA-1), serial number #2471, was used by CPAI to inspect all accessible painted/stained surfaces. The XRF calibration was checked according to the manufacturer's recommendations and the guidelines outlined in the October 25, 2006, Performance Characteristic Sheet (PCS) for the above referenced instrument. In addition, precautionary measures were taken to ensure that building occupants, inspectors, and escorts were not inadvertently exposed to radiation as a result of testing.

Attached are copies of the "Lead-Based Paint Testing Data Sheets" used during the inspection. The sheets reference locations in each room/area where representative XRF testing was performed. Walls in each room/area were assigned an A, B, C or D letter notation. The A Wall in each room/area is always at the street side of the building (A Street). Notations then proceed clockwise from the A Wall to the B, C and D Walls. If more than one door or window is on one particular wall, the #1 door/window is always on the inspector's left as s/he faces the wall. Notations then proceed left to right from 1, to 2, to 3, etc. Also attached, please find the "Lead Survey Building Sketches" which provide room/area numbers and descriptions (i.e. Kitchen, Bathroom, Bedroom, etc.).

Mr. Kevin McAleer
June 21, 2011
Page 2

XRF readings were classified into two categories: positive (lead-based paint) and negative (not defined as lead-based paint). The appropriate category is noted in the far right column on the Lead-Based Paint Testing Data Sheets. The Vermont Regulations For Lead Control, V.S.A. Title 18, Chapter 38, Effective October 2, 1994, amended May 1, 2001, defines Lead-Based Paint in target housing and daycare facilities as "paint or other surface coatings that contain lead in excess of 1.0 mg/sq. cm. or 0.5 percent by weight (5,000 ppm), or (1) in the case of paint or other surface coatings such lower level as may be established by the Secretary of Housing and Urban Development, as defined by Section 302 (c) of the Lead Based Paint Poisoning Prevention Act, or (2) in the case of any other paint or surface coatings, such other level as may be established by the Administrator of EPA." The Vermont Occupational Safety and Health Administration (VOSHA) does not specify a regulated quantity of lead within paint. Applicable VOSHA regulations address the presence of lead within paint regardless of specific quantity present.

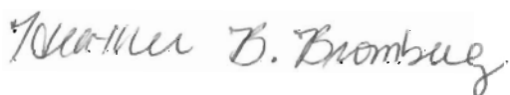
All lead-based paint inspection activities were performed by Heather B. Bromberg. Ms. Bromberg is a State of Vermont certified Lead Inspector Technician I (#IT091540). Specific hours of on-site testing are available upon request.

Please note that this document does not provide a comprehensive inventory of components with lead-based paint. This is because protocols do not require testing of every inch of a painted/stained surface.

Components with the same paint history as those tested may contain lead-based paint within each room or on the building exterior (i.e., under the currently visible paint layer). In addition, protocols do not require testing of more than one item from the same testing component within each room (i.e., if more than one window was present in a room, and if CPAI tested window components from one window and they were positive, then the same window components from the other windows in the room should be assumed to be positive).

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this inspection report, or require additional services, please contact us at (802) 879-2600.

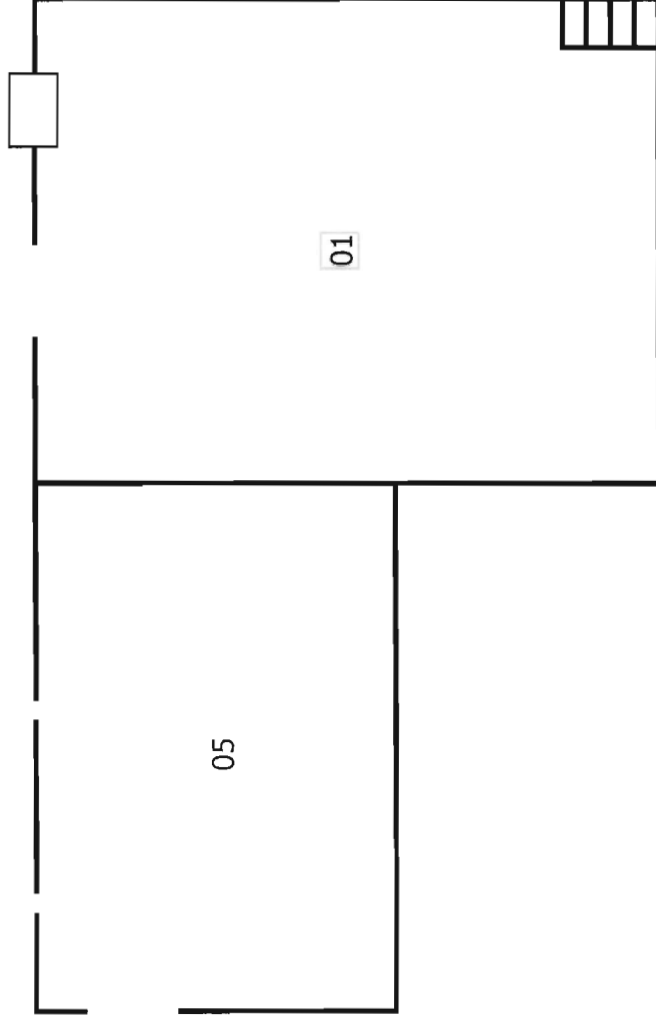
Sincerely,
CLAY POINT ASSOCIATES, INC.



Heather B. Bromberg
Environmental Specialist

First Level

C



B

01

05

D

01. First Level
05. Garage

A

A Street

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg



Project North

Second Level

C

B

02

D

Stairs up to 03

Stairs down to 01

02. Second Level

A

A Street



Project North

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

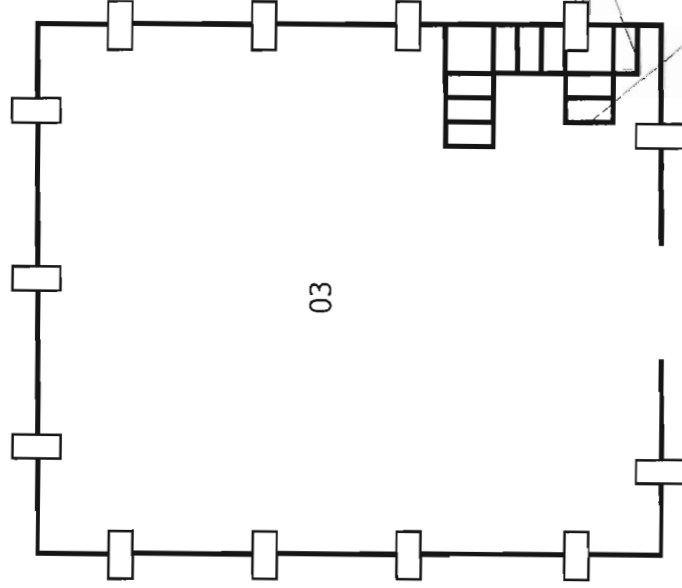
Third Level

C

B

03

D



A

A Street



Project North

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

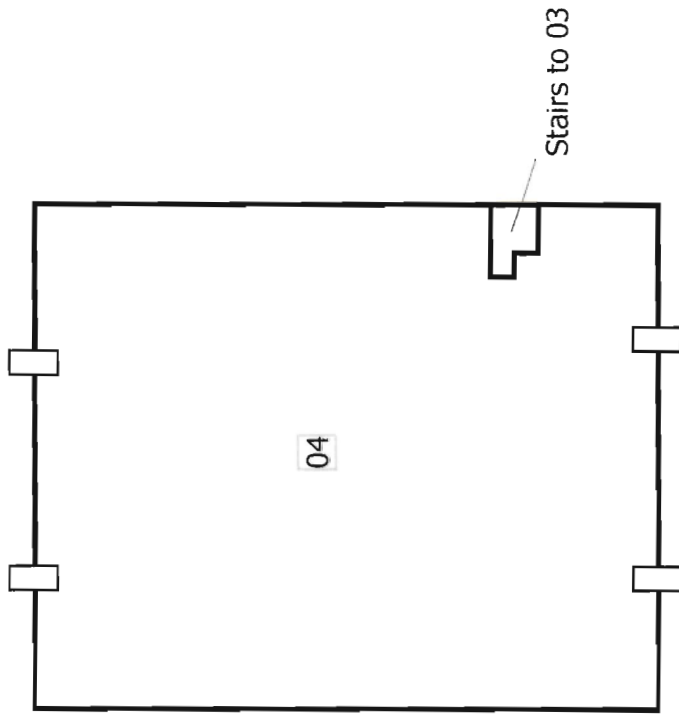
Fourth Level



C

B

04



D

04. 4th Level/Attic

A

A Street

Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

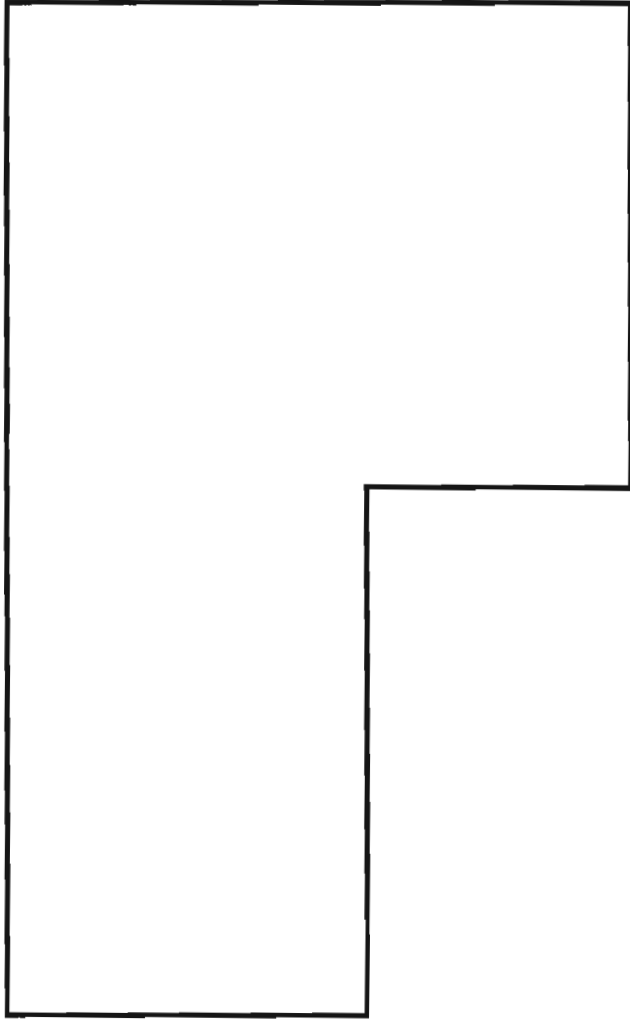
Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Building Exterior

C



Project North



B

D

A

A Street

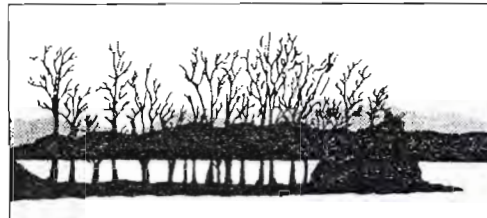
Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Clay Point Associates, Inc.

www.claypointassociates.com



Calibration Check Test Results

Address/Unit No.: 36A Street / 56A Street, Morrisville, VT Date: 05-20-11

XRF Serial No.: 2471 Inspector Signature: Nathan Bromberg

Calibration Check Tolerance Used 1.0 mg./sq. cm

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

11:05

First Reading:	0.8	mg./sq. cm.	01
Second Reading:	0.8	mg./sq. cm.	02
Third Reading:	0.7	mg./sq. cm.	03
Average:	0.8	mg./sq. cm.	

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	0.1	mg./sq. cm.	04
Second Reading:	0.1	mg./sq. cm.	05
Third Reading:	-0.0	mg./sq. cm.	06
Average:	0.1	mg./sq. cm.	

Mid Calibration Check (RMD Standard Block)

15:00

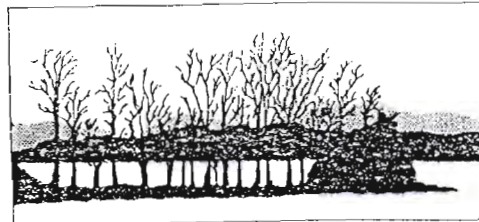
First Reading:	0.8	mg./sq. cm.	171
Second Reading:	0.8	mg./sq. cm.	172
Third Reading:	0.8	mg./sq. cm.	173
Average:	0.8	mg./sq. cm.	

Mid Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	174
Second Reading:	-0.0	mg./sq. cm.	175
Third Reading:	-0.0	mg./sq. cm.	176
Average:	-0.0	mg./sq. cm.	

Clay Point Associates, Inc.

www.claypointassociates.com



Calibration Check Test Results

Address/Unit No.: 36 A Street / 56 A Street, Morrisville, VT Date: 05-20-11

XRF Serial No.: 2471 Inspector Signature: Heather Bumbay

Calibration Check Tolerance Used 1.0 mg./sq. cm

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

First Reading:	mg./sq. cm.
Second Reading:	mg./sq. cm.
Third Reading:	mg./sq. cm.
Average:	mg./sq. cm.

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	mg./sq. cm.
Second Reading:	mg./sq. cm.
Third Reading:	mg./sq. cm.
Average:	mg./sq. cm.

End Calibration Check (RMD Standard Block)

17:30

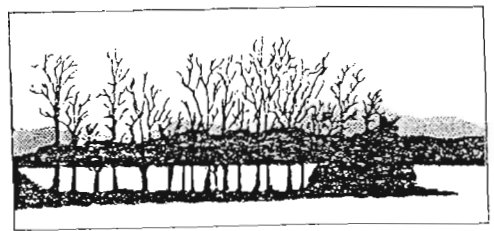
First Reading:	0.8	mg./sq. cm.	220
Second Reading:	0.8	mg./sq. cm.	221
Third Reading:	0.8	mg./sq. cm.	222
Average:	0.8	mg./sq. cm.	

End Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	223
Second Reading:	-0.0	mg./sq. cm.	224
Third Reading:	-0.0	mg./sq. cm.	225
Average:	-0.0	mg./sq. cm.	

Clay Point Associates, Inc.

www.claypointassociates.com



Calibration Check Test Results

Address/Unit No.: 36A Street / 56A Street, Morrisville, VT Date: 05-23-11

XRF Serial No.: 2471 Inspector Signature: Neather Blomberg

Calibration Check Tolerance Used 1.0 mg./sq. cm

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

12:20

First Reading:	0.7	mg./sq. cm.	226
Second Reading:	0.7	mg./sq. cm.	227
Third Reading:	0.8	mg./sq. cm.	228
Average:	0.7	mg./sq. cm.	

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.2	mg./sq. cm.	229
Second Reading:	-0.2	mg./sq. cm.	230
Third Reading:	-0.1	mg./sq. cm.	231
Average:	-0.2	mg./sq. cm.	

End Calibration Check (RMD Standard Block)

13:45

First Reading:	0.8	mg./sq. cm.	306
Second Reading:	0.8	mg./sq. cm.	307
Third Reading:	0.7	mg./sq. cm.	308
Average:	0.8	mg./sq. cm.	

End Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	309
Second Reading:	-0.0	mg./sq. cm.	310
Third Reading:	-0.0	mg./sq. cm.	311
Average:	-0.0	mg./sq. cm.	

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont

UNIT #: n/a

DATE: May 20, 2011

XRF SERIAL NO.: 2471

ROOM EQUIVALENT: Building Exterior

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
177	Wall	Red	Wood	Fair	Wall A	- 0.3	Neg.
178	Wall Trim	Red	Wood	Poor	Wall A (assoc. w/ extension)	0.1	Neg.
179	Cornerboard	White	Wood	Good	Wall A (protruding from wall)	1.3	POS.
180	Cornerboard	Red	Wood	Poor	Wall A (flush with wall)	1.3	POS.
181	Header	White	Wood	Poor	Wall A (above Door A-1)	1.1	POS.
182	Header Trim	White	Wood	Poor	Wall A (above Door A-1)	- 0.1	Neg.
183	Door	Red	Wood	Fair	Wall A, Door 1	- 0.1	Neg.
184	Door Casing	White	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
185	Casing Trim	Red	Wood	Poor	Wall A, Door 1	- 0.0	Neg.
186	Door Jamb	White	Wood	Poor	Wall A, Door 1	7.8	POS.
187	Threshold	Red	Wood	Poor	Wall A, Door 1	- 0.2	Neg.
188	Kick Plate	Red	Wood	Fair	Wall A, Door 1	- 0.1	Neg.
189	Window Sill	White	Wood	Poor	Wall A, Window 1	1.1	POS.
190	Wind. Casing	White	Wood	Poor	Wall A, Window 1	3.1	POS.
191	Window Infill	Red	Wood	Fair	Wall A, Window 1	- 0.0	Neg.
192	Wall	Red	Wood	Poor	Wall B (assoc. w/ main barn)	- 0.1	Neg.
193	Wall	Red	Wood	Poor	Wall B (assoc. w/ extension)	- 0.0	Neg.
194	Cornerboard	Red	Wood	Poor	Wall B (assoc. w/ main barn)	0.0	Neg.
195	Cornerboard	Red	Wood	Poor	Wall B (assoc. w/ extension)	- 0.0	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: Building Exterior (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
196	Door	Red	Wood	Poor	Wall B, Door 1	- 0.0	Neg.
197	Door Casing	Red	Wood	Poor	Wall B, Door 1	- 0.0	Neg.
198	Door Casing	White	Wood	Poor	Wall B, Door 3	2.4	POS.
199	Wall	Red	Wood	Poor	Wall C	- 0.0	Neg.
200	Cornerboard	Red	Wood	Poor	Wall C (assoc. w/ extension)	1.2	POS.
201	Cornerboard	White	Wood	Poor	Wall C (assoc. w/barn)	0.5	Neg.
202	Vent Plate	White	Metal	Poor	Wall C	0.0	Neg.
203	Door Header	Red	Wood	Poor	Wall C, Door 1	0.1	Neg.
204	Door	Red	Wood	Poor	Wall C, Door 1	- 0.0	Neg.
205	Door Casing	Red	Wood	Poor	Wall C, Door 1	0.2	Neg.
206	Door Jamb	White	Wood	Poor	Wall C, Door 1	0.1	Neg.
207	Door Header	Red	Wood	Poor	Wall C, Door 2	0.1	Neg.
208	Door Casing	Red	Wood	Poor	Wall C, Door 3	0.1	Neg.
209	Window Sill	Red	Wood	Poor	Wall C, Window 1	0.1	Neg.
210	Wind. Casing	Red	Wood	Poor	Wall C, Window 1	0.3	Neg.
211	Wind. Infill	Red	Wood	Poor	Wall C, Window 1	0.0	Neg.
212	Wall	Red	Wood	Poor	Wall D	- 0.2	Neg.
213	Cornerboard	White	Wood	Poor	Wall D (flush with wall)	0.0	Neg.
214	Cornerboard	White	Wood	Poor	Wall D (protrude from wall)	- 0.1	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: Building Exterior (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
215	Window Sill	Red	Wood	Poor	Wall D, Basement Window 1	- 0.1	Neg.
216	Wind. Casing	Red	Wood	Poor	Wall D, Basement Window 1	0.1	Neg.
217	Wind. Infill	Red	Wood	Poor	Wall D, Basement Window 1	- 0.1	Neg.
218	Window Sill	Red	Wood	Poor	Wall D, Window 2 (3 rd floor)	0.2	Neg.
219	Wind. Casing	Red	Wood	Poor	Wall D, Window 2 (3 rd floor)	0.0	Neg.
220	Wind. Infill	Red	Wood	Poor	Wall D, Window 2 (3 rd floor)	0.1	Neg.
- All soffits and fascias are inaccessible; assume positive. - All remaining window and door components inaccessible, assume positive. - Door B-1 jamb is inaccessible; assume positive. - Door B-2 same as B-1.							
							POS.
							POS.
							POS.

CLAY POINT ASSOCIATES, INC.
(802) 879-2600 info@claypointassociates.com
P.O. Box 1254 • Williston, VT • 05495-1254

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 23, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 01 (1st Level) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
232	Ceiling	White	Wood	Poor		7.7	POS.
234	Horiz. Support	White	Wood	Poor	On ceiling (in center of room)	6.5	POS.
235	Vertical Suprt.	White	Metal	Poor	B-side	7.5	POS.
236	Door	White	Wood	Poor	Wall C, Door 1	2.3	POS.
237	Door Casing	White	Wood	Poor	Wall C, Door 1	- 0.3	Neg.
238	Door Jamb	White	Wood	Poor	Wall C, Door 1	- 0.1	Neg.
239	Window Sill	Stained	Wood	Poor	Wall C, Window 1	0.0	Neg.
240	Wind. Apron	Stained	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
241	Wind. Casing	Stained	Wood	Poor	Wall C, Window 1	0.3	Neg.
242	Window Stop	Stained	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
243	Window Sash	Grey	Wood	Poor	Wall C, Window 1	1.9	POS.
244	Wall	White	Concrete	Poor	Wall A	- 0.0	Neg.
245	Wall	Stained	Concrete	Poor	Wall B	- 0.1	Neg.
246	Wall	Stained	Wood	Poor	Wall C	- 0.0	Neg.
247	Wall	Stained	Wood	Poor	Wall D	- 0.1	Neg.
248	Floor	White	Concrete	Poor		- 0.0	Neg.
- All windows are the same (some components missing). - Stairs are unpainted/unstained.							POS.

Inspector's Initials HBB

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 23, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 02 (2nd Level)

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
249	Ceiling	White	Wood	Poor		2.1	POS.
250	Ceiling	Grey	Wood	Poor		1.0	POS.
251	Horiz. Support	White	Wood	Poor	A-side (in center of room)	1.8	POS.
252	Horiz. Support	Grey	Wood	Poor	A-side (in center of room)	1.0	POS.
253	Vert. Support	White	Wood	Poor	A-side (in center of room)	5.7	POS.
254	Vert. Support	Grey	Wood	Poor	A-side (in center of room)	> 9.9	POS.
255	Vert. Support	Stained	Wood	Poor	A-side (in center of room)	- 0.2	Neg.
256	Door	Stained	Wood	Poor	Wall C, Door 1	2.5	POS.
257	Door Casing	White	Wood	Poor	Wall C, Door 1	0.2	Neg.
258	Door Jamb	White	Wood	Poor	Wall C, Door 1	- 0.0	Neg.
259	Threshold	Red	Wood	Poor	Wall C, Door 1	- 0.2	Neg.
260	Infll Casing	Stained	Wood	Poor	Wall D (behind Shelving)	0.2	Neg.
261	Door Infill	White	Wood	Poor	Wall D (behind Shelving)	0.1	Neg.
262	Door	Stained	Wood	Poor	Wall B, Door 1	0.1	Neg.
263	Door Casing	White	Wood	Poor	Wall B, Door 1	3.0	POS.
264	Door Jamb	White	Wood	Poor	Wall B, Door 1	0.2	Neg.
265	Window Sill	Grey	Wood	Poor	Wall C, Window 1	5.6	POS.
266	Wind. Apron	Grey	Wood	Poor	Wall C, Window 1	3.8	POS.
267	Wind. Casing	Grey	Wood	Poor	Wall C, Window 1	> 9.9	POS.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont

UNIT #: n/a

DATE: May 23, 2011

XRF SERIAL NO.: 2471

ROOM EQUIVALENT: 02 (continued)

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
268	Window Stop	Grey	Wood	Poor	Wall C, Window 1	> 9.9	POS.
269	Window Sash	Grey	Wood	Poor	Wall C, Window 1	1.2	POS.
270	Steps	Red	Wood	Poor	A-side	0.1	Neg.
271	Wall	White	Wood	Poor	Wall B	> 9.9	POS.
272	Wall	White	Wood	Poor	Wall C	> 9.9	POS.
273	Wall	White	Wood	Poor	Wall D	> 9.9	POS.
274	Wall	Grey	Wood	Poor	Wall B	> 9.9	POS.
275	Wall	Grey	Wood	Poor	Wall C	> 9.9	POS.
276	Wall	Grey	Wood	Poor	Wall D	> 9.9	POS.
277	Floor	Stained	Wood	Poor		0.0	Neg.
- All windows are the same (some components missing). - Wall A is unpainted/unstained stone.							

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont

UNIT #: n/a

DATE: May 23, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 03 (3rd Level)

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
278	Ceiling	Stained	Wood	Poor		- 0.1	Neg.
279	Horiz. Support	Stained	Wood	Poor	A side	- 0.0	Neg.
280	Vert. Support	White	Wood	Poor	A side	- 0.3	Neg.
281	Baseboard	Stained	Wood	Poor	Wall D	- 0.1	Neg.
282	Door	Stained	Wood	Poor	Wall A, Door 1	0.0	Neg.
283	Door Casing	Stained	Wood	Poor	Wall A, Door 1	0.1	Neg.
284	Door Jamb	Stained	Wood	Poor	Wall A, Door 1	4.6	POS.
285	Window Sill	Stained	Wood	Poor	Wall D, Window 3	- 0.0	Neg.
286	Wind. Apron	Stained	Wood	Poor	Wall D, Window 3	- 0.0	Neg.
287	Wind. Casing	Stained	Wood	Poor	Wall D, Window 3	- 0.1	Neg.
288	Window Stop	Stained	Wood	Poor	Wall D, Window 3	0.2	Neg.
289	Window Sash	White	Wood	Poor	Wall D, Window 3	0.7	Neg.
290	Wall	Stained	Wood	Poor	Wall A	- 0.1	Neg.
291	Wall	Stained	Wood	Poor	Wall B	- 0.1	Neg.
292	Wall	Stained	Wood	Poor	Wall C	0.1	Neg.
293	Wall	Stained	Wood	Poor	Wall D	0.2	Neg.
294	Floor	Stained	Wood	Poor		0.2	Neg.
- All windows are the same (some components missing).							

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont

UNIT #: n/a

DATE: May 23, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 04 (4th Level)

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
295	Ceiling	Stained	Wood	Poor		- 0.0	Neg.
296	Horiz. Support	Stained	Wood	Poor	A-side	- 0.1	Neg.
297	Vert. Support	Stained	Wood	Poor	A-side	- 0.2	Neg.
298	Wind. Casing	Stained	Wood	Poor	Wall C, Window 1	- 0.0	Neg.
299	Window Jamb	Stained	Wood	Poor	Wall C, Window 1	- 0.0	Neg.
300	Window Infill	Stained	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
301	Wall	Stained	Wood	Poor	Wall A	- 0.2	Neg.
302	Wall	Stained	Wood	Poor	Wall B	0.2	Neg.
303	Wall	Stained	Wood	Poor	Wall C	0.1	Neg.
304	Wall	Stained	Wood	Poor	Wall D	0.1	Neg.
305	Floor	Stained	Wood	Poor		0.1	Neg.

- All windows are the same.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Creamery Building, 36 A Street, Morrisville, Vermont

UNIT #: n/a

DATE: May 23, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 05 (Garage)

INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
- This area was inaccessible at the time of inspection.							

LEAD CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LC016234

EXPIRES: Friday, March 23, 2012

CERTIFICATE OF LICENSE
VERMONT LEAD REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME.

THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.



A handwritten signature in black ink is located in the bottom right corner of the certificate. The signature appears to be "Vernor N." followed by a stylized flourish.

LEAD INSPECTOR TECHNICIAN I

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: IT091540

EXPIRES: Thursday, July 21, 2011

CERTIFICATE OF LICENSE
VERMONT LEAD REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME. THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY
FOR THE ABOVE PARTY.

THIS CERTIFICATE IS FOR OFFICE USE ONLY. PHOTO ID CARD MUST BE ON SITE AT ALL TIMES

Brenda Dering

Clay Point Associates, Inc.

www.claypointassociates.com



June 21, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Report of Lead-Based Paint Inspection
Former Grist Mill Structure, 56 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

Enclosed for your review is the Clay Point Associates, Inc. (CPAI) report related to the lead-based paint inspection performed on May 20, 2011 on/within the Former Grist Mill Structure at 56 A Street, Morrisville, Vermont. Inspection activities were performed in accordance with the guidelines outlined in the 1997 revision of Chapter 7: Lead-Based Paint Inspection of the U.S. Department of Housing and Urban Development's, "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", June 1995 (HUD).

For your information, lead-based paint was detected on/within the Former Grist Mill Structure.

On-site lead-based paint testing was performed by the use of a portable x-ray fluorescence analyzer (XRF). Specifically, a RMD Instruments, LLC., Lead Paint Analysis System (LPA-1), serial number #2471, was used by CPAI to inspect all accessible painted/stained surfaces. The XRF calibration was checked according to the manufacturer's recommendations and the guidelines outlined in the October 25, 2006, Performance Characteristic Sheet (PCS) for the above referenced instrument. In addition, precautionary measures were taken to ensure that building occupants, inspectors, and escorts were not inadvertently exposed to radiation as a result of testing.

Attached are copies of the "Lead-Based Paint Testing Data Sheets" used during the inspection. The sheets reference locations in each room/area where representative XRF testing was performed. Walls in each room/area were assigned an A, B, C or D letter notation. The A Wall in each room/area is always at the street side of the building (A Street). Notations then proceed clockwise from the A Wall to the B, C and D Walls. If more than one door or window is on one particular wall, the #1 door/window is always on the inspector's left as s/he faces the wall. Notations then proceed left to right from 1, to 2, to 3, etc. Also attached, please find the "Lead Survey Building Sketches" which provide room/area numbers and descriptions (i.e. Kitchen, Bathroom, Bedroom, etc.).

Mr. Kevin McAleer
June 21, 2011
Page 2

XRF readings were classified into two categories: positive (lead-based paint) and negative (not defined as lead-based paint). The appropriate category is noted in the far right column on the Lead-Based Paint Testing Data Sheets. The Vermont Regulations For Lead Control, V.S.A. Title 18, Chapter 38, Effective October 2, 1994, amended May 1, 2001, defines Lead-Based Paint in target housing and daycare facilities as "paint or other surface coatings that contain lead in excess of 1.0 mg/sq. cm. or 0.5 percent by weight (5,000 ppm), or (1) in the case of paint or other surface coatings such lower level as may be established by the Secretary of Housing and Urban Development, as defined by Section 302 (c) of the Lead Based Paint Poisoning Prevention Act, or (2) in the case of any other paint or surface coatings, such other level as may be established by the Administrator of EPA." The Vermont Occupational Safety and Health Administration (VOSHA) does not specify a regulated quantity of lead within paint. Applicable VOSHA regulations address the presence of lead within paint regardless of specific quantity present.

All lead-based paint inspection activities were performed by Heather B. Bromberg. Ms. Bromberg is a State of Vermont certified Lead Inspector Technician I (#IT091540). Specific hours of on-site testing are available upon request.

Please note that this document does not provide a comprehensive inventory of components with lead-based paint. This is because protocols do not require testing of every inch of a painted/stained surface.

Components with the same paint history as those tested may contain lead-based paint within each room or on the building exterior (i.e., under the currently visible paint layer). In addition, protocols do not require testing of more than one item from the same testing component within each room (i.e., if more than one window was present in a room, and if CPAI tested window components from one window and they were positive, then the same window components from the other windows in the room should be assumed to be positive).

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this inspection report, or require additional services, please contact us at (802) 879-2600.

Sincerely,
CLAY POINT ASSOCIATES, INC.

A handwritten signature in cursive script that reads "Heather B. Bromberg".

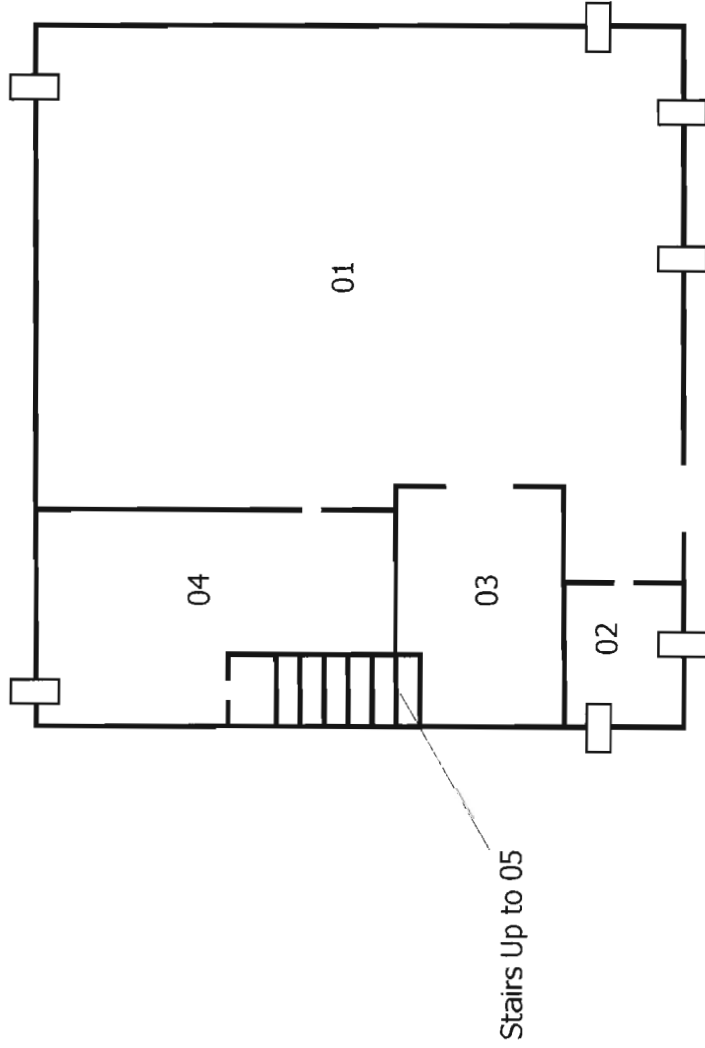
Heather B. Bromberg
Environmental Specialist

First Level



Project North

C



B

D

A

- 01. Entry
- 02. Electrical Room
- 03. Generic/Stairs
- 04. Generic Room

A Street

Clay Point Associates, Inc.
Project #11595
May 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Second Level

C

B

05

D

A

05. 2nd Level

A Street

Stairs Down to 04

Stairs Up to 06



Clay Point Associates, Inc.
Project #11595
May 20, 2011

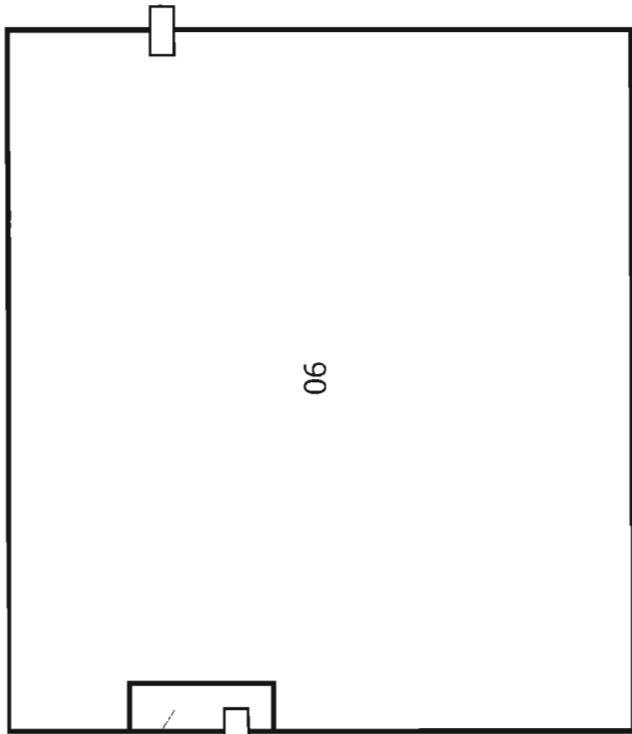
Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Third Level



C



Stairs Down to 03

B

06

D

06. 3rd Level

A

A Street

Clay Point Associates, Inc.
Project #11595
May 20, 2011

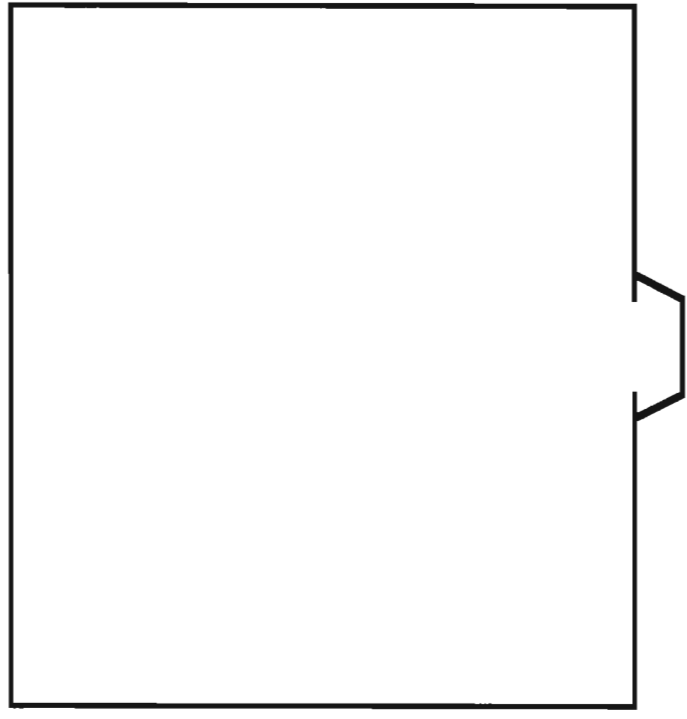
Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Building Exterior



C



B

D

A

A Street

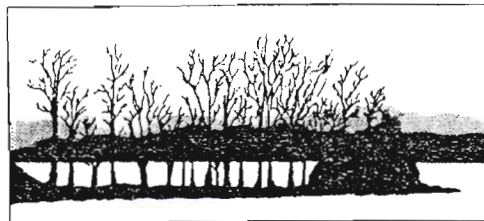
Clay Point Associates, Inc.
Project #11595
May 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Clay Point Associates, Inc.

www.claypointassociates.com



Calibration Check Test Results

Address/Unit No.: 36A Street / 56A Street, Morrisville, VT Date: 05-20-11

XRF Serial No.: 2471 Inspector Signature: Nathan Bromberg

Calibration Check Tolerance Used 1.0 mg./sq. cm

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

11:05

First Reading:	0.8	mg./sq. cm.	01
Second Reading:	0.8	mg./sq. cm.	02
Third Reading:	0.7	mg./sq. cm.	03
Average:	0.8	mg./sq. cm.	

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	0.1	mg./sq. cm.	04
Second Reading:	0.1	mg./sq. cm.	05
Third Reading:	-0.0	mg./sq. cm.	06
Average:	0.1	mg./sq. cm.	

Mid Calibration Check (RMD Standard Block)

15:00

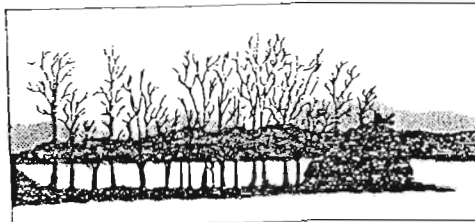
First Reading:	0.8	mg./sq. cm.	171
Second Reading:	0.8	mg./sq. cm.	172
Third Reading:	0.8	mg./sq. cm.	173
Average:	0.8	mg./sq. cm.	

Mid Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	174
Second Reading:	-0.0	mg./sq. cm.	175
Third Reading:	-0.0	mg./sq. cm.	176
Average:	-0.0	mg./sq. cm.	

Clay Point Associates, Inc.

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Calibration Check Test Results

Address/Unit No.: 36 A Street / 56 A Street, Morrisville, VT Date: 05-20-11

XRF Serial No.: 2471 Inspector Signature: Weathu Bumbay

Calibration Check Tolerance Used 1.0 mg./sq. cm

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

First Reading:	mg./sq. cm.
Second Reading:	mg./sq. cm.
Third Reading:	mg./sq. cm.
Average:	mg./sq. cm.

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	mg./sq. cm.
Second Reading:	mg./sq. cm.
Third Reading:	mg./sq. cm.
Average:	mg./sq. cm.

End Calibration Check (RMD Standard Block)

17:30

First Reading:	0.8	mg./sq. cm.	220
Second Reading:	0.8	mg./sq. cm.	221
Third Reading:	0.8	mg./sq. cm.	222
Average:	0.8	mg./sq. cm.	

End Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	223
Second Reading:	-0.0	mg./sq. cm.	224
Third Reading:	-0.0	mg./sq. cm.	225
Average:	-0.0	mg./sq. cm.	

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: Building Exterior INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
07	Wall	Red	Wood	Poor	Wall A	- 0.0	Neg.
08	Cornerboard	Red	Wood	Poor	Wall A (wood grain)	0.0	Neg.
09	Cornerboard	Red	Wood	Poor	Wall A (smooth surface)	- 0.2	Neg.
10	Door Header	Red	Wood	Poor	Above Wall A, Door 1	- 0.1	Neg.
11	Header Trim	Red	Wood	Poor	Above Wall A, Door 1	- 0.2	Neg.
12	Door	Red	Wood	Poor	Wall A, Door 1	- 0.2	Neg.
13	Door Casing	Red	Wood	Poor	Wall A, Door 1	- 0.3	Neg.
14	Door Jamb	Red	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
15	Door Infill	Red	Wood	Poor	Wall A, Door 1 (window in door)	- 0.1	Neg.
16	Threshold	Red	Wood	Poor	Wall A, Door 1	0.0	Neg.
17	Wind. Header	Red	Wood	Poor	Above Wall A, Window 1	0.0	Neg.
18	Window Sill	Red	Wood	Poor	Wall A, Window 1	- 0.1	Neg.
19	Wind. Casing	Red	Wood	Poor	Wall A, Window 1	- 0.1	Neg.
20	Wind. Infill	Red	Wood	Poor	Wall A, Window 1	- 0.1	Neg.
21	Wall	Red	Wood	Poor	Wall B	- 0.0	Neg.
22	Corner board	Red	Wood	Poor	Wall B	0.2	Neg.
23	Skirt Trim	Red	Wood	Poor	Wall B (at bottom of wall)	- 0.1	Neg.
24	Skirt Board	Red	Wood	Poor	Wall B	- 0.1	Neg.
25	Foundation	Red	Wood	Poor	Wall B	- 0.3	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: Building Exterior (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
26	Window Sill	Red	Wood	Poor	Wall B, Window 2	0.0	Neg.
27	Wind. Casing	Red	Wood	Poor	Wall B, Window 2	- 0.2	Neg.
28	Window Infill	Red	Wood	Poor	Wall B, Window 2	- 0.1	Neg.
29	Wall	Red	Wood	Poor	Wall C	- 0.1	Neg.
30	Wind. Casing	Red	Wood	Poor	Wall C, Window 2	- 0.0	Neg.
31	Wall	Red	Wood	Poor	Wall D	- 0.1	Neg.
32	Cornerboard	Red	Wood	Poor	Wall D	- 0.1	Neg.
33	Skirt Trim	Red	Wood	Poor	Wall D	- 0.2	Neg.
34	Skirt Board	Red	Wood	Poor	Wall D	- 0.2	Neg.
35	Foundation	Red	Wood	Poor	Wall D	- 0.1	Neg.
36	Window Sill	Red	Wood	Poor	Wall D, Window 1	- 0.0	Neg.
37	Wind. Casing	Red	Wood	Poor	Wall D, Window 1	0.0	Neg.
38	Wind. Infill	Red	Wood	Poor	Wall D, Window 1	0.0	Neg.
- Soffits and fascias are inaccessible, assume positive. - Door A-2 same as A-1. - Windows A-2 and A-3 same as A-1. - All remaining windows inaccessible, assume positive. - All Wall A, B and D cornerboard trim (at top) inaccessible, assume positive. - All remaining Wall C components are inaccessible, assume positive.							POS. POS. POS. POS.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 01 (1st Level) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
39	Ceiling	White	Wood	Poor		- 0.1	Neg.
40	Horiz. Support	White	Wood	Poor	A-side (on ceiling)	- 0.2	Neg.
41	Horiz. Support	White	Wood	Poor	A-side (sub ceiling)	0.2	Neg.
42	Vert. Support	White	Wood	Poor	Wall A	0.0	Neg.
43	Chair Rail	Stained	Wood	Good	Wall A	- 0.1	Neg.
44	Skirt Board	Stained	Wood	Poor	Wall A	3.8	POS.
45	Header	White	Wood	Poor	Above Wall A, Door 1	1.0	POS.
46	Header Trim	White	Wood	Poor	Above Wall A, Door 1	1.0	POS.
47	Door	White	Wood	Poor	Wall A, Door 1	1.2	POS.
48	Door Casing	White	Wood	Poor	Wall A, Door 1	1.2	POS.
49	Door Jamb	White	Wood	Poor	Wall A, Door 1	0.1	Neg.
50	Ramp	White	Wood	Poor	Wall A, Door 1	- 0.2	Neg.
51	Door Casing	Stained	Wood	Poor	Wall B, Door 1	- 0.0	Neg.
52	Door Jamb	Stained	Wood	Poor	Wall B, Door 1	0.0	Neg.
53	Threshold	Stained	Wood	Poor	Wall B, Door 1	- 0.1	Neg.
54	Opening Case	Stained	Wood	Poor	Wall B Opening	- 0.1	Neg.
55	Opening Jamb	Stained	Wood	Poor	Wall B Opening	- 0.1	Neg.
56	Door Casing	Stained	Wood	Poor	Wall B, Door 2	0.0	Neg.
57	Door Jamb	Stained	Wood	Poor	Wall B, Door 2	- 0.1	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 01 (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
58	Window Sill	Stained	Wood	Poor	Wall A, Window 2	- 0.2	Neg.
59	Wind. Apron	White	Wood	Poor	Wall A, Window 2	1.0	POS.
60	Wind. Casing		Wood	Poor	Wall A, Window 2	1.1	POS.
61	Window Stop	Stained	Wood	Poor	Wall A, Window 2	0.2	Neg.
62	Window Sash	White	Wood	Poor	Wall A, Window 2	0.0	Neg.
63	Wind. Header	White	Wood	Poor	Above Wall A, Window 2	1.5	POS.
64	Header Trim	White	Wood	Poor	Above Wall A, Window 2	1.0	POS.
65	Shelf	Stained	Wood	Poor	Wall B	- 0.1	Neg.
66	Shelf Support	Stained	Wood	Poor	Wall B	- 0.1	Neg.
67	Trough	White	Wood	Poor	Wall C	1.1	POS.
68	Trough Rail	Stained	Wood	Poor	Wall C	- 0.1	Neg.
69	Trough Suprt	White	Wood	Poor	Wall C	1.0	POS.
70	Wall	White	Plaster	Poor	Wall A	- 0.1	Neg.
71	Wall	Stained	Wood	Poor	Wall B	- 0.1	Neg.
72	Wall	Stained	Wood	Poor	Wall C	0.1	Neg.
73	Wall	White	Plaster	Poor	Wall C	- 0.3	Neg.
74	Wall	Stained	Wood	Poor	Wall D	- 0.3	Neg.
75	Floor	Stained	Wood	Poor		- 0.2	Neg.

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LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 01 (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
-	Doors A-2 same as A-1.						POS.
-	All windows are the same.						POS.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 02 (Electrical Room) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
76	Ceiling	White	Wood	Poor		- 0.2	Neg.
77	Horiz. Support	White	Wood	Poor	On ceiling (A-side)	- 0.1	Neg.
78	Crown Moldg.	White	Wood	Poor	Wall B	- 0.2	Neg.
79	Chair Rail	Stained	Wood	Poor	Wall A	4.1	POS.
80	Skirt Board	Stained	Wood	Poor	Wall A	2.4	POS.
81	Door Casing	White	Wood	Poor	Wall D, Door 1	0.1	Neg.
82	Door Jamb	White	Wood	Poor	Wall D, Door 1	0.1	Neg.
83	Wind. Header	White	Wood	Poor	Above Wall A, Window 1	1.0	POS.
84	Header Trim	White	Wood	Poor	Above Wall A, Window 1	1.1	POS.
85	Window Sill	White	Wood	Poor	Wall A, Window 1	0.1	POS.
86	Wind. Apron	White	Wood	Poor	Wall A, Window 1	1.1	POS.
87	Wind. Casing	White	Wood	Poor	Wall A, Window 1	1.2	POS.
88	Window Stop	White	Wood	Poor	Wall A, Window 1	0.0	Neg.
89	Window Sash	White	Wood	Poor	Wall A, Window 1	0.1	Neg.
90	Electric Panel	Grey	Metal	Good	Wall A	0.1	Neg.
91	Wall	Stained	Wood	Poor	Wall A	- 0.0	Neg.
92	Wall	Stained	Wood	Poor	Wall B	- 0.0	Neg.
93	Vertical Beam	Green	Wood	Poor	Wall C	- 0.1	Neg.
94	Vertical Beam	White	Wood	Poor	Wall C	- 0.2	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 02 (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
95	Horiz. Beam	White	Wood	Poor	Wall C	- 0.2	Neg.
96	Wall	Stained	Wood	Poor	Wall D	- 0.0	Neg.
97	Floor	Stained	Wood	Poor		- 0.1	Neg.

- All windows are the same.

POS.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 03 (Generic Room/Stairs) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
98	Ceiling	Stained	Wood	Poor		- 0.0	Neg.
99	Ceiling	White	Wood	Poor		0.0	Neg.
100	Horiz. Support	White	Wood	Poor	On ceiling (A-side)	- 0.1	Neg.
101	Vert. Support	White	Wood	Poor	On ceiling (A-side)	0.1	Neg.
102	Crown Moldg.	White	Wood	Poor	Wall B	- 0.1	Neg.
103	Door Casing	White	Wood	Poor	Wall C, Door 1	1.0	POS.
104	Door Jamb	White	Wood	Poor	Wall C, Door 1	0.6	Neg.
105	Door Casing	Stained	Wood	Poor	Wall C, Door 2	0.1	Neg.
106	Door Jamb	Stained	Wood	Poor	Wall C, Door 2	- 0.1	Neg.
107	Door Infill	Stained	Wood	Poor	Wall C, Door 2	- 0.1	Neg.
108	Opening Case	Stained	Wood	Poor	Wall D Opening	- 0.1	Neg.
109	Opening Jamb	Stained	Wood	Poor	Wall D Opening	- 0.0	Neg.
110	Window Sill	Stained	Wood	Poor	Wall B, Window 1	0.0	Neg.
111	Wind. Apron	White	Wood	Poor	Wall B, Window 1	1.0	POS.
112	Wind. Casing	White	Wood	Poor	Wall B, Window 1	1.5	POS.
113	Window Stop	Stained	Wood	Poor	Wall B, Window 1	0.0	Neg.
114	Window Sash	White	Wood	Poor	Wall B, Window 1	0.1	Neg.
115	Wall	Stained	Wood	Poor	Wall A	- 0.0	Neg.
116	Wall	Stained	Plaster	Poor	Wall B	- 0.0	Neg.

LEAD BASED PAINT TESTING DATA SHEET

INSPECTOR: Heather Bromberg

Inspector's Initials ABC

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 04 (Generic Room) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
121	Ceiling	Brown	Wood	Poor		- 0.0	Neg.
123	Horiz. Support	Brown	Wood	Poor	Wall B	- 0.2	Neg.
124	Vert. Support	Black	Metal	Poor	center of room	- 0.1	Neg.
125	Vert. Support	White	Wood	Poor	center of room	- 0.1	Neg.
126	Trough	White	Wood	Poor	Wall C	1.1	POS.
127	Trough Suprt.	White	Wood	Poor	Wall C	1.2	POS.
128	Trough Rail	Brown	Metal	Poor	Wall C	0.0	Neg.
129	Wall Trim	White	Wood	Poor	Wall B (top of wall)	- 0.3	Neg.
130	Door	Silver	Wood	Poor	Wall A, Door 1	1.2	POS.
131	Door Casing	Silver	Wood	Poor	Wall A, Door 1	1.1	POS.
132	Door Jamb	White	Wood	Poor	Wall A, Door 1	1.2	POS.
133	Window Sill	Stained	Wood	Poor	Wall C, Window 1	0.1	Neg.
134	Wind. Apron	White	Wood	Poor	Wall C, Window 1	1.0	POS.
135	Wind. Casing	White	Wood	Poor	Wall C, Window 1	1.0	POS.
136	Window Stop	Stained	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
137	Window Sash	White	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
138	Wall	White	Wood	Poor	Wall A	0.2	Neg.
139	Wall	White	Wood	Poor	Wall B	0.1	Neg.
140	Wall	White	Wood	Poor	Wall C	0.1	Neg.

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LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 04 (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
141	Wall	White	Wood	Poor	Wall D	0.2	Neg.
142	Floor	Grey	Wood	Poor		- 0.1	Neg.

- Shelving is unpainted/unstained.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011

XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 05 (2nd Level) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
143	Ceiling	Stained	Wood	Poor		- 0.1	Neg.
144	Ceiling Suprt.	White	Wood	Poor	On ceiling	- 0.0	Neg.
145	Horiz. Suprt.	Stained	Wood	Poor	On ceiling (A-side)	- 0.1	Neg.
1461	Vertical Suprt.	Stained	Wood	Poor	A-side	0.0	Neg.
147	Treads	Grey	Wood	Poor	1 st above bottom	0.1	Neg.
148	Riser	Grey	Wood	Poor	1 st above bottom	0.2	Neg.
149	Stringer	Stained	Wood	Poor	B-side	0.1	Neg.
150	Railing	Stained	Wood	Poor	B-side	- 0.1	Neg.
151	Railing Suprt.	Stained	Wood	Poor	B-side	- 0.0	Neg.
152	Door	Stained	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
153	Door Casing	Stained	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
154	Door	Stained	Wood	Poor	Wall B, Door 1	0.1	Neg.
155	Door Casing	Stained	Wood	Poor	Wall B, Door 1	0.2	Neg.
156	Door Jamb	Stained	Wood	Poor	Wall B, Door 1	0.1	Neg.
157	Door Jamb	Red	Wood	Poor	Wall B, Door 1	0.1	Neg.
158	Window Sill	Red	Wood	Poor	Wall C, Window 1	- 0.1	Neg.
159	Wind. Casing	White	Wood	Poor	Wall C, Window 1	- 0.2	Neg.
160	Window Stop	Stained	Wood	Poor	Wall C, Window 1	0.1	Neg.
161	Window Sash	Stained	Wood	Poor	Wall C, Window 1	0.1	Neg.

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 05 (continued) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
162	Beam	White	Wood	Poor	Loose at center of room	1.1	POS.
163	Wall	Stained	Wood	Poor	Wall A	0.1	Neg.
164	Wall	Stained	Wood	Poor	Wall B	0.1	Neg.
165	Wall	Stained	Wood	Poor	Wall C	- 0.1	Neg.
166	Wall	Stained	Wood	Poor	Wall D	0.2	Neg.
167	Floor	Stained	Wood	Poor	Wall D	0.2	Neg.

- All windows are the same.
- Shelves are unpainted/unstained.

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 P.O. Box 1254 • Williston, VT • 05495-1254

LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: Former Grist Mill, 56 A Street, Morrisville, Vermont UNIT #: n/a DATE: May 20, 2011
 XRF SERIAL NO.: 2471 ROOM EQUIVALENT: 06 (3rd Level) INSPECTOR: Heather Bromberg

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
168	Wind. Casing	Black	Wood	Poor	Wall B, Window 1	- 0.1	Neg.
169	Wind. Casing	White	Wood	Poor	Wall D, Window 1	0.1	Neg.
170	Window Sash	White	Wood	Poor	Wall D, Window 1	0.0	Neg.

- There are no other painted/stained components in this area.

LEAD CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LC016234

EXPIRES: Friday, March 23, 2012

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A handwritten signature in black ink is located in the bottom right corner of the certificate. The signature appears to be "Vernon N. [unclear]".

LEAD INSPECTOR TECHNICIAN I

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: IT091540

EXPIRES: Thursday, July 21, 2011

CERTIFICATE OF LICENSE
VERMONT LEAD REGULATORY PROGRAM

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Brenda Spring

Appendix F

Clay Point Associates, Inc.

Lead Soil Sample Collection and Analysis

Clay Point Associates, Inc.

www.claypointassociates.com



June 29, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Lead (Pb) Soil Sample Collection/Analysis Activities
Former Creamery Building, 36 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

The following provides information detailing lead in soil sample collection/analysis activities performed by Clay Point Associates, Inc. (CPAI) on May 23, 2011 at the Exterior Perimeter of the Former Creamery Building at 36 A Street, Morrisville, Vermont. Samples were taken at intervals of one (1) foot, ten (10) feet and twenty (20) feet from each side of the building. Professional activities were performed to assess the amount of lead in soil at the sample collection points at the time of sample collection.

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter (drip edge) of the Former Creamery Building (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 552 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter of the Former Creamery Building (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 53 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter of the Former Creamery Building (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 21 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of five (5) aliquots from building Side B within the Exterior Perimeter (drip edge) of the Former Creamery Building (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 314 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of seven (7) aliquots from building Side B within the Exterior Perimeter of the Former Creamery Building (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 435 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of seven (7) aliquots from building Side B within the Exterior Perimeter of the Former Creamery Building (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 90 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side C within the Exterior Perimeter (drip edge) of the Former Creamery Building (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 484 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side C within the Exterior Perimeter of the Former Creamery Building (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 28 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side C within the Exterior Perimeter of the Former Creamery Building (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 17 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter (drip edge) of the Former Creamery (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 406 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter of the Former Creamery Building (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 1,077 parts per million (ppm).

Mr. Kevin McAleer
June 29, 2011
Page 3

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter of the Former Creamery Building (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 605 parts per million (ppm).

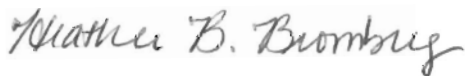
USEPA 40 CFR Part 745.65 defines a soil lead hazard as bare soil on residential real property or on the property of a child occupied facility that contains total lead equal to or exceeding 400 parts per million in a play area or average of 1,200 parts per million of bare soil in the rest of the yard based on soil samples.

All soil sample collection activities were conducted by Heather Bromberg. Ms. Bromberg is a Vermont certified Lead Inspector Technician I (#IT091540).

Included with this report are the soil sample drawing, analytical service analysis results sheet and appropriate CPAI/ analytical service certifications.

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this report, or require additional information, please contact us at (802) 879-2600.

Sincerely,
CLAY POINT ASSOCIATES, INC.

A handwritten signature in cursive script that reads "Heather B. Bromberg".

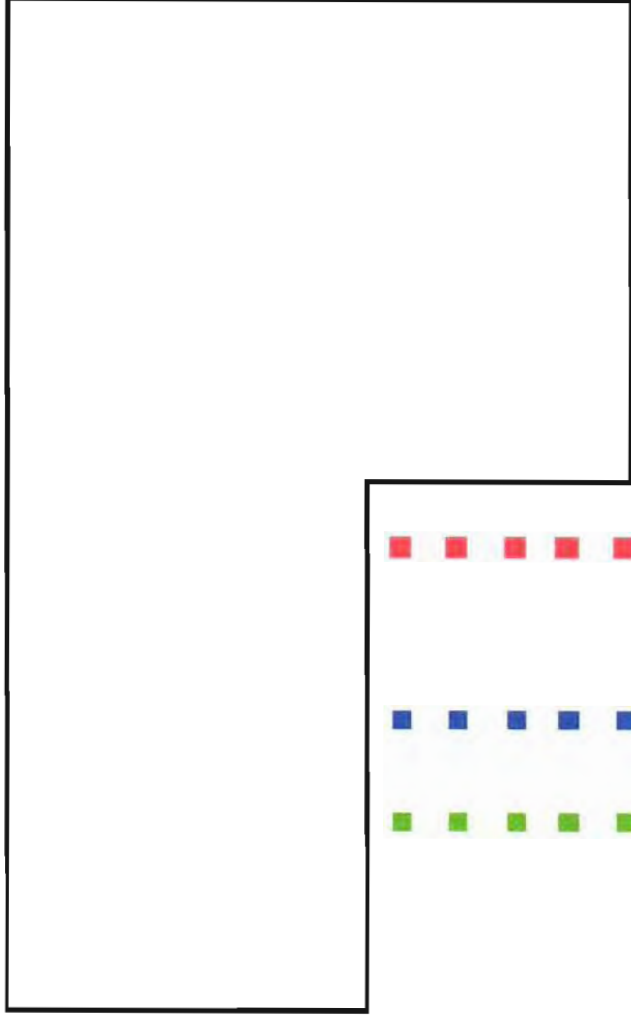
Heather B. Bromberg
Environmental Specialist

Soil Sample Collection Site Map (Perimeter Locations)

C



B



D



- Perimeter (dripedge)
Sub-Sample Locations
- Perimeter (10 ft.)
Sub-Sample Location
- Perimeter (20 ft.)
Sub-Sample Location



A

A Street



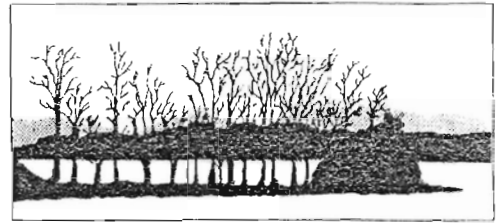
Clay Point Associates, Inc.
Project #11595
May 23, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Clay Point Associates, Inc.

www.claypointassociates.com



Soil Sample Collection Form

Client: Weston and Sampson

Address: Former Creamery, 36 A Street, Morrisville, VT Unit #: _____

Date: 05-23-11

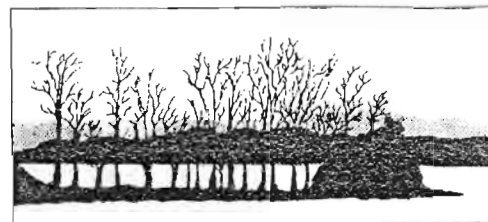
Inspector Name: Heather Bromberg Inspector Signature: Heather Bromberg

Sample Type/ Description	Sample Number	Location	Number of Cores Collected	Visible Paint Chips	Results (ppm)
Perimeter Dripedge	05231111595 -01B	Side A	6	No.	552
Perimeter 10'	05231111595 -02B	Side A	6	No.	53
Perimeter 20'	05231111595 -03B	Side A	6	No.	21
Perimeter Dripedge	05231111595 -04B	Side B	5	No.	314
Perimeter 10'	05231111595 -05B	Side B	7	No.	435
Perimeter 20'	05231111595 -06B	Side B	7	No.	90

Page 1 of 2

Clay Point Associates, Inc.

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Soil Sample Collection Form

Client: Weston and Sampson

Address: Former Creamery, 36A Street, Morrisville, VT Unit #: _____

Date: 05-23-11

Inspector Name: Heather Bromberg Inspector Signature: Heather Bromberg

Sample Type/ Description	Sample Number	Location	Number of Cores Collected	Visible Paint Chips	Results (ppm)
Perimeter Dripedge	05231111595 -07B	Side C	6	No.	484
Perimeter 10'	05231111595 -08B	Side C	6	No.	28
Perimeter 20'	05231111595 -09B	Side C	6	No.	<17
Perimeter Dripedge	05231111595 -10B	Side D	6	No.	406
Perimeter 10'	05231111595 -11B	Side D	6	No.	1,077
Perimeter 20'	05231111595 -12B	Side D	6	No.	605

Page 2 of 2

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LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

Using SLI P26 A14

ACCOUNT #: 1846-11-852
CLIENT: Clay Point Associates, Inc.
ADDRESS: PO Box 1254
Williston, VT 05495

DATE RECEIVED: 5/25/2011
DATE ANALYZED: 5/25/2011
DATE REPORTED: 5/25/2011

PROJECT NAME:

JOB LOCATION:

PROJECT NO.: 11595

PO NO.:

Sample Type: SOIL

SLI Sample No.	Client Sample No.	Collection Date	Sample Description	Sample Wt (mg)	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc PPM
31034595	05231111595-01B	5/24/2011		576	318.2	0.055	552
31034596	05231111595-02B	5/24/2011		549	29.1	0.005	53
31034597	05231111595-03B	5/24/2011		538	11.4	0.002	21
31034598	05231111595-04B	5/24/2011		559	175.4	0.031	314
31034599	05231111595-05B	5/24/2011		557	242.4	0.044	435
31034600	05231111595-06B	5/24/2011		536	48.5	0.009	90
31034601	05231111595-07B	5/24/2011		526	254.7	0.048	484
			<i>Sample weight represents dry weight used for analysis.</i>				
31034602	05231111595-08B	5/24/2011		533	15.0	0.003	28
			<i>Sample weight represents dry weight used for analysis.</i>				
31034603	05231111595-09B	5/24/2011		578	< 10.0	< 0.002	< 17
			<i>Sample weight represents dry weight used for analysis.</i>				
31034604	05231111595-10B	5/24/2011		562	228.3	0.041	406
31034605	05231111595-11B	5/24/2011		532	572.9	0.108	1,077
31034606	05231111595-12B	5/24/2011		575	348.1	0.061	605

Analysis Run ID: 48243

Analyst: MOHAMMED ELTILIB

Total Number of Pages in Report: 1

Results relate only to samples as received by the laboratory.

Musaab Hashim

Reviewed By

Musaab Hashim, Analyst

Visit www.slabinc.com for current certifications.

*Minimum Reporting Limit: 10.0 µg. EPA Soil Std for bare residential soil: 400 ppm by wt in play areas; 1200 ppm by wt in bare soil in the remainder of the yard based on an avg of all other samples collected. EPA does not distinguish between lead-contaminated soil and soil-lead hazards. Soil samples are tested as received unless noted as "Dried before analysis." *Data precision justifies 2 sig. figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.*

LEAD CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LC016234

EXPIRES: Friday, March 23, 2012

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VERMONT LEAD REGULATORY PROGRAM

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A handwritten signature in black ink is located in the bottom right corner of the certificate. The signature is stylized and appears to read "Vernon N. [unclear]".

LEAD INSPECTOR TECHNICIAN I

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: IT091540

EXPIRES: Thursday, July 21, 2011

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Brenda Dering

LEAD LABORATORY

SCHNEIDER LABORATORIES, INC
2512 WEST CARY STREET
RICHMOND VA 23220-5117

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LL017205

EXPIRES: Sunday, May 22, 2011

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ANALYSIS OF SOIL, DUST AND PAINT CHIPS

Amber Wells

LEAD LABORATORY

SCHNEIDER LABORATORIES GLOBAL INC
2512 WEST CARY STREET
RICHMOND VA 23220-5117

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LL017205

EXPIRES: Sunday, June 03, 2012

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ANALYSIS OF SOIL, DUST AND PAINT CHIPS

C. C. C. C. C.

Clay Point Associates, Inc.

www.claypointassociates.com



June 29, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Lead (Pb) Soil Sample Collection/Analysis Activities
Former Grist Mill Structure, 56 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

The following provides information detailing lead in soil sample collection/analysis activities performed by Clay Point Associates, Inc. (CPAI) on May 23, 2011 at the Exterior Perimeter of the Former Grist Mill at 56 A Street, Morrisville, Vermont. Samples were taken at intervals of one (1) foot, ten (10) feet and twenty (20) feet from the A, B and D side of the building (the C Side is the Lamoille River). Professional activities were performed to assess the amount of lead in soil at the sample collection points at the time of sample collection.

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter (drip edge) of the Former Grist Mill (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 19 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter of the Former Grist Mill (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 19 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side A within the Exterior Perimeter of the Former Grist Mill (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 18 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side B within the Exterior Perimeter (drip edge) of the Former Grist Mill (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 26 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side B within the Exterior Perimeter of the Former Grist Mill (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 18 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side B within the Exterior Perimeter of the Former Grist Mill (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 19 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter (drip edge) of the Former Grist Mill (1 foot from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 17 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter of the Former Grist Mill (10 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of < 19 parts per million (ppm).

On May 23, 2011, CPAI collected one (1) composite soil sample consisting of six (6) aliquots from building Side D within the Exterior Perimeter of the Former Grist Mill (20 feet from the building). The soil sample was analyzed by a Vermont certified analytical service using EPA Method 7000B. Results of analysis indicated that lead was present in the sample at a concentration of 62 parts per million (ppm).

USEPA 40 CFR Part 745.65 defines a soil lead hazard as bare soil on residential real property or on the property of a child occupied facility that contains total lead equal to or exceeding 400 parts per million in a play area or average of 1,200 parts per million of bare soil in the rest of the yard based on soil samples.

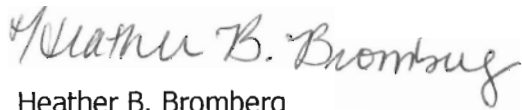
All soil sample collection activities were conducted by Heather Bromberg. Ms. Bromberg is a Vermont certified Lead Inspector Technician I (#IT091540).

Included with this report are the soil sample drawing, analytical service analysis results sheet and appropriate CPAI/ analytical service certifications.

Mr. Kevin McAleer
June 29, 2011
Page 3

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this report, or require additional information, please contact us at (802) 879-2600.

Sincerely,
CLAY POINT ASSOCIATES, INC.

A handwritten signature in cursive script, reading "Heather B. Bromberg". The signature is written in dark ink and is positioned above the printed name and title.

Heather B. Bromberg
Environmental Specialist

Soil Sample Collection Site Map (Perimeter Locations)



Project North

C

B

D

A

A Street

- Perimeter (dripedge) Sub-Sample Locations
- Perimeter (10 ft.) Sub-Sample Locations
- Perimeter (20 ft.) Sub-Sample Locations

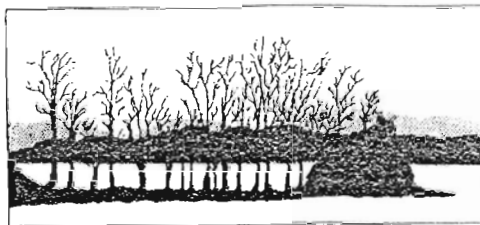
Clay Point Associates, Inc.
Project #11595
May 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Lead-Based Paint Inspection
Not to Scale
Drawn by: Heather Bromberg

Clay Point Associates, Inc.

www.claypointassociates.com



Soil Sample Collection Form

Client: Weston and Sampson

Address: former Grist mill, 56A Street, Morrisville Unit #: _____

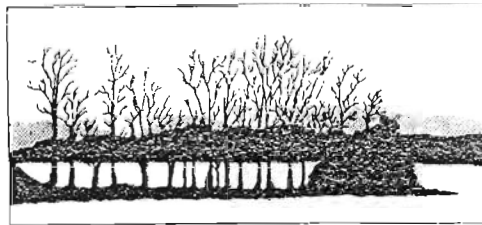
Date: 05-23-11

Inspector Name: Heather Bromberg Inspector Signature: Heather Bromberg

Sample Type/ Description	Sample Number	Location	Number of Cores Collected	Visible Paint Chips	Results (ppm)
Perimeter Dripedge	05231111595 -01M	Side A	6	No.	<19
Perimeter 10'	05231111595 -02M	Side A	6	No.	<19
Perimeter 20'	05231111595 -03M	Side A	6	No.	<18
Perimeter Dripedge	05231111595 -04M	Side B	6	No.	26
Perimeter 10'	05231111595 -05M	Side B	6	No.	<18
Perimeter 20'	05231111595 -06M	Side B	6	No.	<19

Clay Point Associates, Inc.

www.claypointassociates.com



Soil Sample Collection Form

Client: Weston and Sampson

Address: former Grist Mill, 56A Street, Morrisville Unit #: _____

Date: 05-23-11

Inspector Name: Heather Bromberg Inspector Signature: Heather Bromberg

Sample Type/ Description	Sample Number	Location	Number of Cores Collected	Visible Paint Chips	Results (ppm)
Perimeter Dripedge	05231111S95 -07	Side D	6	No.	< 17
Perimeter 10'	05231111S95 -08	Side D	6	No.	< 19
Perimeter 20'	05231111S95 -09	Side D	6	No.	62

Page 2 of 2

SCHNEIDER LABORATORIES

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LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

Using SLI P26 A14

ACCOUNT #: 1846-11-853
CLIENT: Clay Point Associates, Inc.
ADDRESS: PO Box 1254
Williston, VT 05495

DATE RECEIVED: 5/25/2011

DATE ANALYZED: 5/25/2011

DATE REPORTED: 5/25/2011

PROJECT NAME:

JOB LOCATION:

PROJECT NO.: 11595

PO NO.:

Sample Type: SOIL

SLI Sample No.	Client Sample No.	Collection Date	Sample Description	Sample Wt (mg)	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc PPM
31034612		5/24/2011 4:00 PM	05231111595-01M	531	< 10.0	< 0.002	< 19
31034613		5/24/2011	05231111595-02M	534	< 10.0	< 0.002	< 19
31034614		5/24/2011	05231111595-03M	568	< 10.0	< 0.002	< 18
31034615		5/24/2011	05231111595-04M	517	13.2	0.003	26
31034616		5/24/2011	05231111595-05M	557	< 10.0	< 0.002	< 18
31034617		5/24/2011	05231111595-06M	540	< 10.0	< 0.002	< 19
31034618		5/24/2011	05231111595-07M	598	< 10.0	< 0.002	< 17
31034619		5/24/2011	05231111595-08M	517	< 10.0	< 0.002	< 19
31034620		5/24/2011	05231111595-09M	584	36.1	0.006	62

Analysis Run ID: 48243

Analyst: MOHAMMED ELTILIB

Total Number of Pages in Report: 1

Results relate only to samples as received by the laboratory.



Reviewed By

Musaab Hashim, Analyst

Visit www.slabinc.com for current certifications.

*Minimum Reporting Limit: 10.0 µg. EPA Soil Std for bare residential soil: 400 ppm by wt in play areas; 1200 ppm by wt in bare soil in the remainder of the yard based on an avg of all other samples collected. EPA does not distinguish between lead-contaminated soil and soil-lead hazards. Soil samples are tested as received unless noted as "Dried before analysis." *Data precision justifies 2 sig. figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.*

LEAD CONSULTING ENTITY

CLAY POINT ASSOCIATES, INC.
P.O. BOX 1254
WILLISTON VT 05495-1254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: LC016234

EXPIRES: Friday, March 23, 2012

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A handwritten signature in black ink is located in the bottom right corner of the certificate. The signature appears to be "Vernon N. [unclear]".

LEAD INSPECTOR TECHNICIAN I

HEATHER BROMBERG
CLAYPOINT ASSOCIATES, INC. PO BOX 1254
WILLISTON VT 054951254

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

LICENSE: IT091540

EXPIRES: Thursday, July 21, 2011

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Brenda Dering

LEAD LABORATORY

Vermont Department of Health
Drawer 30
P.O. Box 70
Burlington, VT 05402

SCHNEIDER LABORATORIES GLOBAL INC
2512 WEST CARY STREET
RICHMOND VA 23220-5117

LICENSE: LL017205

EXPIRES: Sunday, June 03, 2012

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ANALYSIS OF SOIL, DUST AND PAINT CHIPS

Cheryl L. Lind

Appendix G

Clay Point Associates, Inc.
Indoor Air Quality Issues (Mold)



July 20, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Report of Findings/Initial Evaluation of Indoor Air Quality Issues
Former Creamery Building, 36 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

The following correspondence is related to the initial indoor air quality evaluation performed by Clay Point Associates, Inc. (CPAI) on July 20, 2011 within the Former Creamery Building, 36 A Street, Morrisville, Vermont. At your request, CPAI provided evaluation of potential indoor air quality issues within the structure. The evaluation was performed by CPAI consultant Todd C. Hobson (TCH).

The following provides relevant information that you provided prior to our on-site evaluation.

- It is realistic to assume that the structure will be renovated for future use.

During our July 20, 2011 site visit, CPAI made certain observations. The following provides a summary of existing conditions noted at the time of our initial evaluation. Some of these conditions may be adversely affecting indoor air quality within the structure.

- The structure has always been used as an industrial, storage or maintenance building. There are generally no finish materials present within the structure.
In addition, the structure has been abandoned for some time. Therefore, some window panes are broken or missing and some building materials are deteriorating mostly due to lack of maintenance (i.e., no paint, etc.).
These conditions encourage limited water intrusion during certain weather events. Fortunately, water that enters the building dries quickly. Therefore, most current water intrusion events have no consequence relative to fungal growth on existing building materials. These conditions could change, however, in the future as further deterioration occurs.

- Some ceiling surfaces in the structure have a white coating that appears to be water stained. We are unclear if this look has been caused by direct water intrusion, moisture intrusion or expected breakdown of the coating. There does not appear to be fungal growth present on this coating in most areas.
- Most window components (sashes, sills, etc.) are supporting significant to light fungal growth.
- CPAI Area #04 (Fourth Level). There is one (1) area in the southwest section at the floor that has been subject to significant water intrusion. Wood in this area is supporting significant fungal growth and/or rotting. See attached drawing for specific location.
- CPAI Area #03 (Third Level). There is one (1) area in the southwest section at the ceiling that has been subject to significant water intrusion. Wood in this area is supporting significant fungal growth and/or rotting. See attached drawing for specific location.
- CPAI Area #02 (Second Level). There is one (1) area in the southwest section at the ceiling that has been subject to significant water intrusion. Wood in this area is supporting significant fungal growth and/or rotting. See attached drawing for specific location.
- CPAI Area #01 (First Level). This area has standing water on certain portions of the concrete floor and a pervasive moldy/musty odor throughout. There are two (2) areas at the ceiling that appear to be supporting active water intrusion and one (1) area where past water intrusion is evident. Some loose contents (wood) also appears to be supporting fungal growth. Wood in these areas is supporting significant fungal growth and/or rotting. See attached drawing for specific locations.
- CPAI Area #05 (Garage). This area has standing water on certain portions of the concrete floor and a pervasive moldy/musty odor throughout. Sheet rock on the ceiling and west and north walls is supporting significant fungal growth. In addition, loose contents, shelving and partition supports (wood) are supporting significant fungal growth. See attached drawing for specific locations.

Based on our observations, CPAI has determined that conditions within the structure have encouraged significant fungal growth on certain building materials. Presumably, this was/is caused by water intrusions through the roof system as well as seepage at ground levels.

Based on our observations, CPAI provides the following recommendations to address potential indoor air quality issues within the structure.

- Relative to the white ceiling coating, it is presumed that any renovation project will upgrade the surfaces relative to aesthetics. All surfaces should be properly cleaned prior to recoating.
- Relative to affected window components, it is presumed that any renovation project will replace existing windows. If this presumption is correct, the potential issues will be addressed during the demolition phase. If certain window components are scheduled to remain, they should be properly cleaned prior to recoating.
- Relative to water intrusion areas in CPAI Areas #02, #03 and #04, all affected materials must be removed and discarded. This activity may be performed as part of the demolition phase of a renovation project or as an indoor air quality project performed by environmental professionals.
- Relative to water intrusion areas in CPAI Areas #01 and #05, all affected materials must be removed and discarded. This activity should be performed as an indoor air quality project performed by environmental professionals.
- All surfaces within the building should be professionally cleaned at the completion of demolition and prior to the start of build-back. Proper performance of this activity will eliminate residual fungal growth as well as address the presence of pigeon and bat guano (feces) which is present throughout the building. Avoidance of this activity will potentially allow enclosure of fungal growth and guano inside wall/ceiling cavities during construction and could adversely affect future building occupants.

Kevin McAleer
July 20, 2011
Page 4 (36 IAQ)

The above referenced activities should be performed by qualified personnel. Regardless of who performs the recommended activities, the work should be performed under the direction of a professional consultant. CPAI is available to design an appropriate remediation work plan for proper cleanup, administer a competitive procurement process for qualified environmental contractors, provide project management/monitoring/visual inspection services during the cleanup activity as well as perform appropriate clearance air monitoring (if desired).

Performance of recommended activities does not guarantee that the conditions noted during our initial walkthrough will not reoccur or that other conditions will not develop. Although individual responses to exposure to airborne microorganisms can vary, it should be noted that nearly all fungi may cause or exacerbate allergic responses in susceptible individuals. Fungal spores and other allergens are naturally occurring. Therefore, future water/moisture intrusion and improper maintenance may cause similar conditions to develop. It is also imperative that future water/moisture intrusion incidents be addressed immediately to discourage fungal growth.

Thank you for the opportunity to service your environmental management needs. Please contact us at (802) 879-2600 if you have any questions concerning this correspondence.

Sincerely,
CLAY POINT ASSOCIATES, INC.

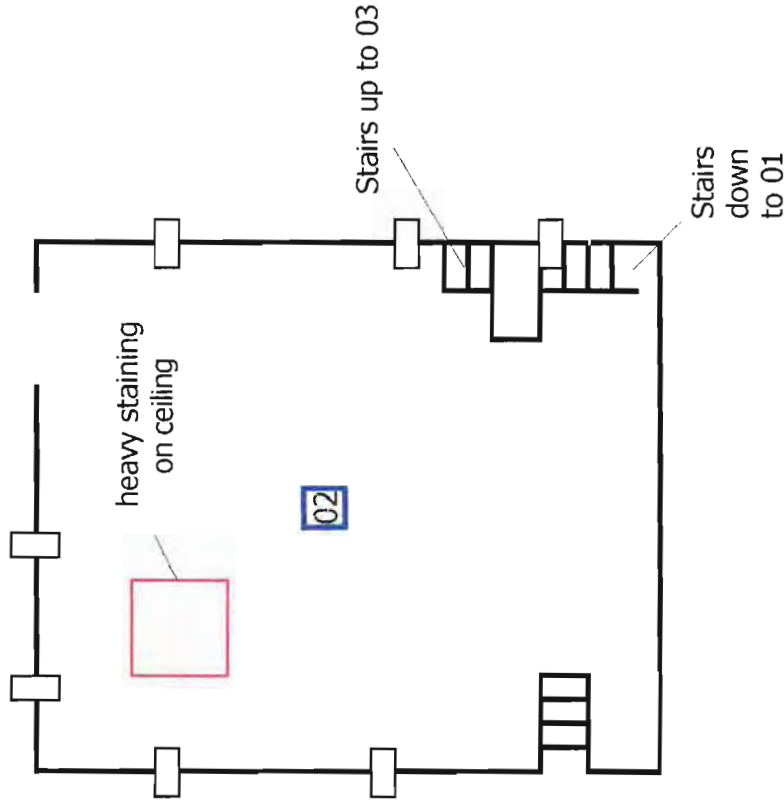
A handwritten signature in blue ink, appearing to read 'Todd C. Hobson', is positioned above the printed name.

Todd C. Hobson
President

00 = CPAI Area Number

Clay Point Associates, Inc. Project #11595 July 20, 2011	Former Creamery Building 36 A Street Morrisville, Vermont	Indoor Air Quality Improvement Not to Scale Drawn by: Heather Bromberg
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Second Level



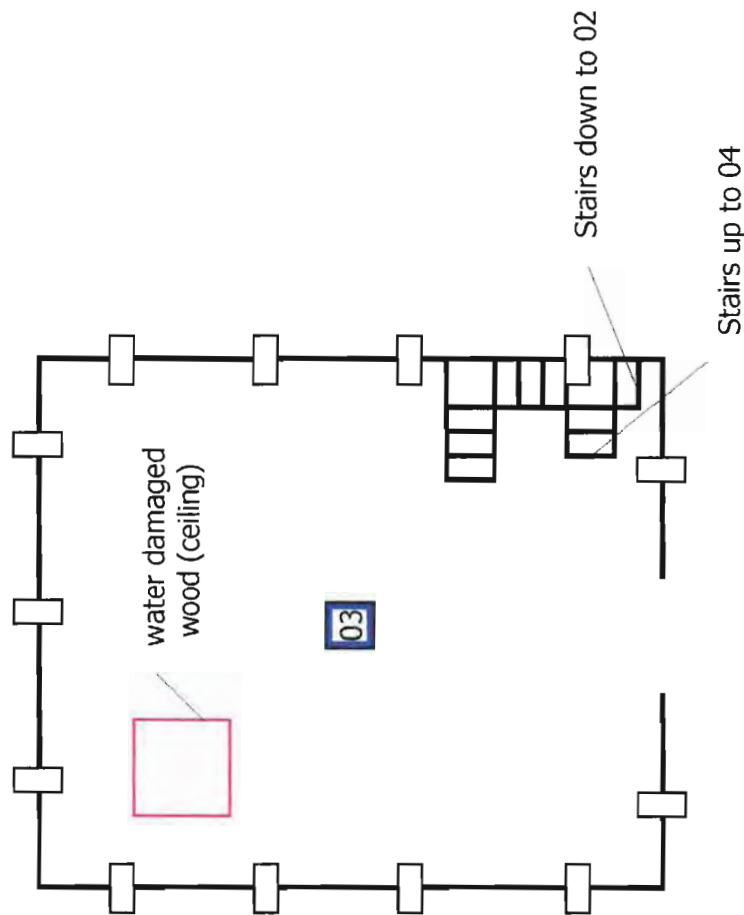
00 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
July 20, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg

Third Level



 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
July 20, 2011

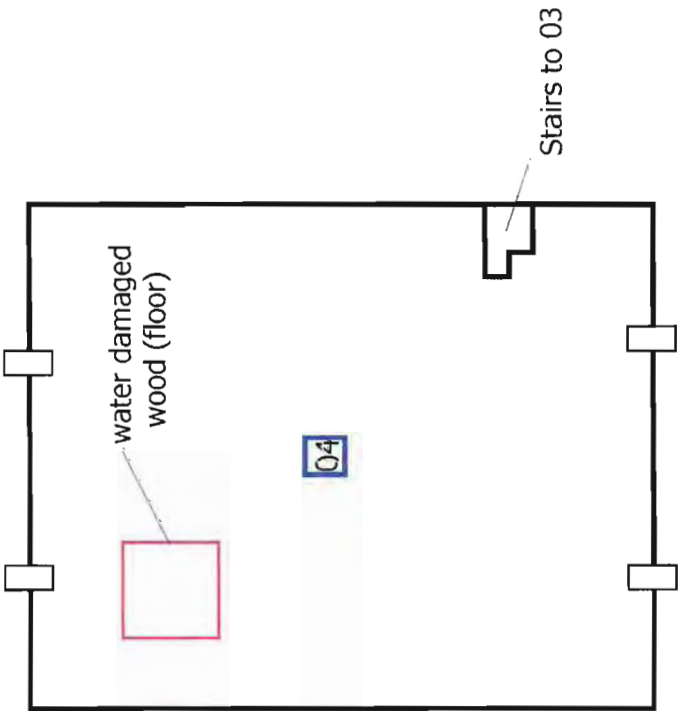
Former Creamery Building
36 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg

Fourth Level



Project North



 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
July 20, 2011

Former Creamery Building
36 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg



July 20, 2011

Mr. Kevin McAleer
Weston & Sampson Engineers, Inc.
98 South Main Street
Waterbury, Vermont 05676

Re: Report of Findings/Initial Evaluation of Indoor Air Quality Issues
Former Grist Mill Structure, 56 A Street, Morrisville, Vermont
CPAI Project #11595

Dear Mr. McAleer:

The following correspondence is related to the initial indoor air quality evaluation performed by Clay Point Associates, Inc. (CPAI) on July 20, 2011 within the Former Grist Mill Structure, 56 A Street, Morrisville, Vermont. At your request, CPAI provided evaluation of potential indoor air quality issues within the structure. The evaluation was performed by CPAI consultant Todd C. Hobson (TCH).

The following provides relevant information that you provided prior to our on-site evaluation.

- It is realistic to assume that the structure will be renovated for future use.

During our July 20, 2011 site visit, CPAI made certain observations. The following provides a summary of existing conditions noted at the time of our initial evaluation. Some of these conditions may be adversely affecting indoor air quality within the structure.

- The structure has always been used as an industrial, storage or maintenance building. There are generally no finish materials present within the structure (even wall/ceiling plaster in some Lower Level rooms is rough coat).
In addition, the structure has been abandoned for some time. Therefore, some window panes are broken or missing and some building materials are deteriorating mostly due to lack of maintenance (i.e., no paint, etc.).
These conditions encourage limited water intrusion during certain weather events. Fortunately, water that enters the building dries quickly. Therefore, most current water intrusion events have no consequence relative to fungal growth on existing building materials. These conditions could change, however, in the future as further deterioration occurs.

- Most ceiling surfaces in the structure have a white coating that appears to be water stained. We are unclear if this look has been caused by direct water intrusion, moisture intrusion or expected breakdown of the coating. There does not appear to be fungal growth present on this coating in most areas.
- Most window components (sashes, sills, etc.) are supporting significant to light fungal growth.
- CPAI Area #01 (First Level). There are two (2) areas at the ceiling that have been subject to significant water intrusion. Wood in these areas is supporting significant fungal growth and/or rotting. See attached drawing for specific locations.
- CPAI Area #05 (Second Level). There are six (6) areas at the ceiling or on columns near the ceiling that have been subject to significant water intrusion. Wood in these areas is supporting significant fungal growth and/or rotting. See attached drawing for specific locations.
- CPAI Area #06 (Third Level). This area has an open (slanted) ceiling that is the underside of the roof deck. Predictably, certain areas of the ceiling that correlate to the water intrusion areas in the building below exhibit evidence of water intrusion.

Based on our observations, CPAI has determined that conditions within the structure have encouraged significant fungal growth on certain building materials. Presumably, this was/is caused by water intrusions through the roof system.

Based on our observations, CPAI provides the following recommendations to address potential indoor air quality issues within the structure.

- Relative to the white ceiling coating, it is presumed that any renovation project will upgrade the surfaces relative to aesthetics. All surfaces should be properly cleaned prior to recoating.
- Relative to affected window components, it is presumed that any renovation project will replace existing windows. If this presumption is correct, the potential issues will be addressed during the demolition phase. If certain window components are scheduled to remain, they should be properly cleaned prior to recoating.

- Relative to water intrusion areas specified above, all affected materials must be removed and discarded. This activity may be performed as part of the demolition phase of a renovation project or as an indoor air quality project performed by environmental professionals.
- All surfaces within the building should be professionally cleaned at the completion of demolition and prior to the start of build-back. Proper performance of this activity will eliminate residual fungal growth as well as address the presence of pigeon and bat guano (feces) which is present throughout the building. Avoidance of this activity will potentially allow enclosure of fungal growth and guano inside wall/ceiling cavities during construction and could adversely affect future building occupants.

The above referenced activities should be performed by qualified personnel. Regardless of who performs the recommended activities, the work should be performed under the direction of a professional consultant. CPAI is available to design an appropriate remediation work plan for proper cleanup, administer a competitive procurement process for qualified environmental contractors, provide project management/monitoring/visual inspection services during the cleanup activity as well as perform appropriate clearance air monitoring (if desired).

Performance of recommended activities does not guarantee that the conditions noted during our initial walkthrough will not reoccur or that other conditions will not develop. Although individual responses to exposure to airborne microorganisms can vary, it should be noted that nearly all fungi may cause or exacerbate allergic responses in susceptible individuals. Fungal spores and other allergens are naturally occurring. Therefore, future water/moisture intrusion and improper maintenance may cause similar conditions to develop. It is also imperative that future water/moisture intrusion incidents be addressed immediately to discourage fungal growth.

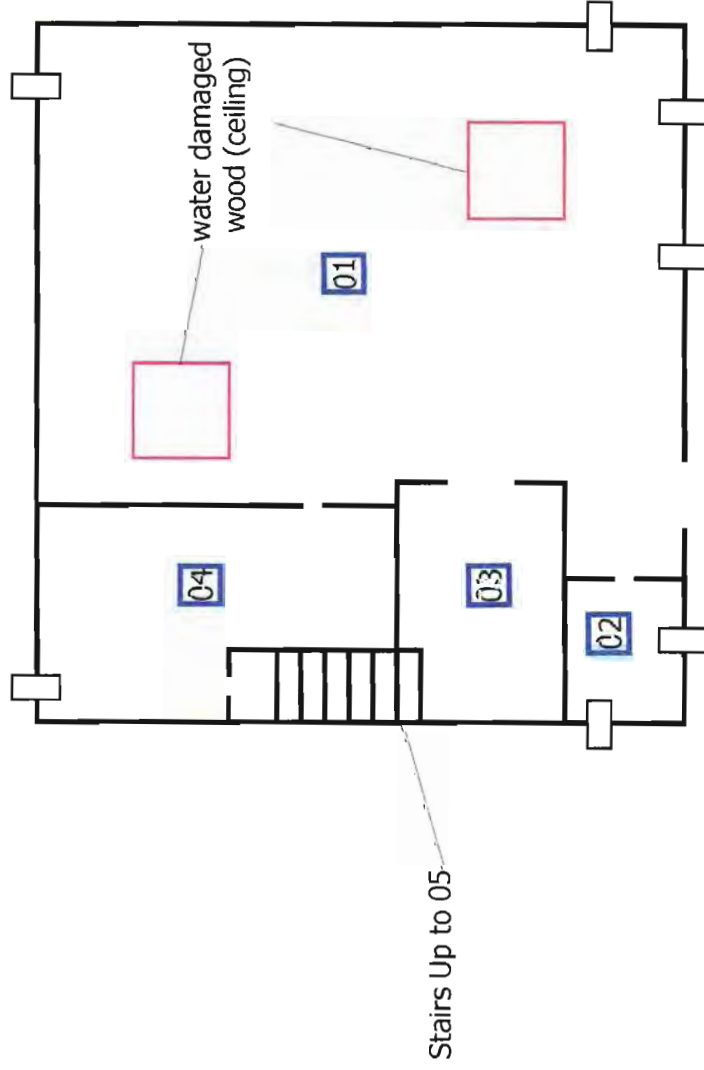
Thank you for the opportunity to service your environmental management needs. Please contact us at (802) 879-2600 if you have any questions concerning this correspondence.

Sincerely,
CLAY POINT ASSOCIATES, INC.



Todd C. Hobson
President

First Level



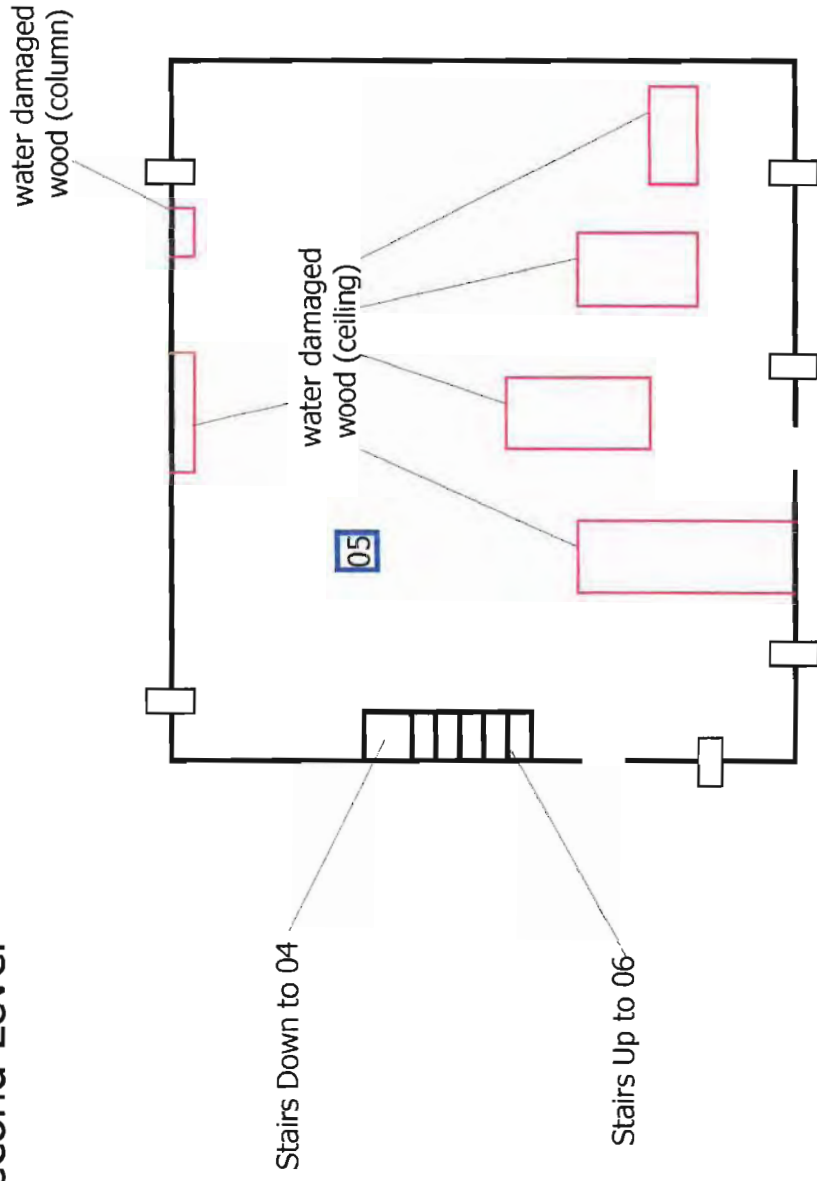
00 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
July 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg

Second Level



00 = CPAI Area Number

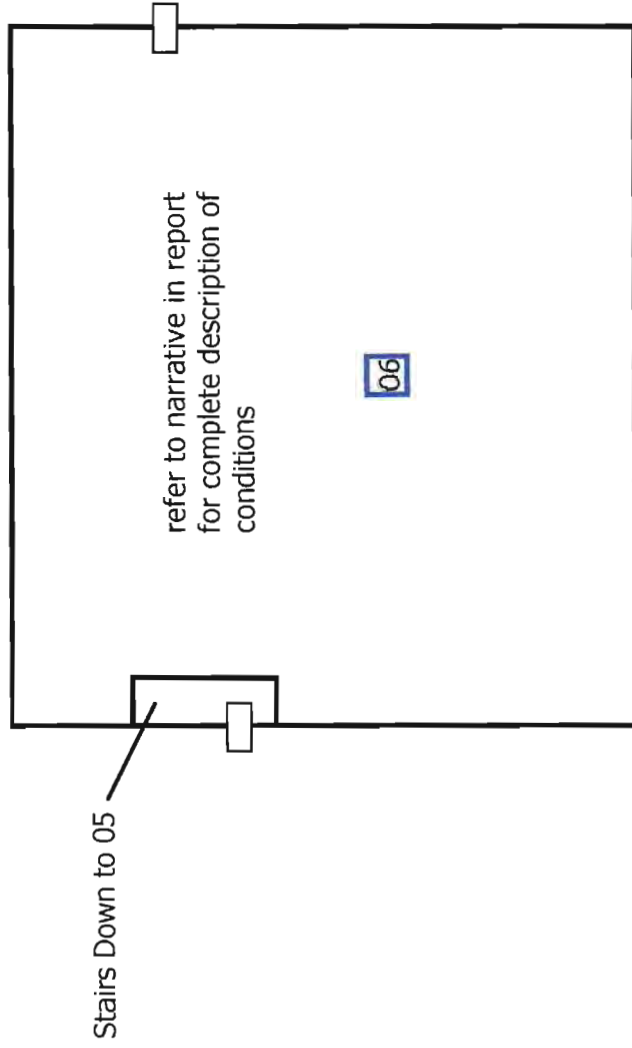


Clay Point Associates, Inc.
Project #11595
July 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg

Third Level



 = CPAI Area Number

Clay Point Associates, Inc.
Project #11595
July 20, 2011

Former Grist Mill Structure
56 A Street
Morrisville, Vermont

Indoor Air Quality Improvement
Not to Scale
Drawn by: Heather Bromberg



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Offices Throughout New England

APPENDIX C

Appendix C-1
Soils Contaminated with PCBs, Metals and TPH
Analysis of Corrective Action Alternatives
Gristmill-Creamery
Morrisville, VT

Remedial Alternative	Advantages	Disadvantages	Technically Feasible?	(If Yes) Economically Feasible?	Achieves a Permanent or Temporary Solution?	Retain for Detailed Evaluation?
No Action	Low cost alternative.	No contaminants would be treated, removed, or contained. Risk would not be acceptable.	Yes	Yes	No	No
Restrict Access to Site	Installing a fence around the Site provides a quick and simple solution to dealing with a contaminated Site.	The capital cost of installing a perimeter Site fence does not remove contaminants. Future reuse of the Site would require remediation work. A maintenance plan and a notice to land record would be required. This option is not suitable for the proposed Site redevelopment.	Yes	Yes	Not with the intended reuse	No
Capping and Notice to Land Record	Capping with asphalt in parking areas, concrete sidewalk adjacent to building or with clean soil in green spaces provides a suitable barrier over contaminated soils that will remain on Site following redevelopment. Provides legal notice to land record documenting the contamination on Site.	Contaminated soil will remain on Site and will limit future development options. Constructing a cap would be difficult because of the location of contaminants and grading around existing structures. Under a PCB Self-Implementing Notification, only areas with less than 10 ppm of PCBs may be left at the Site. Long term maintenance of the capped areas is required.	Possibly	Yes	Not with the intended reuse	No
Removal and Disposal	Removes contaminants permanently from the Site. If all contaminants are removed no notice to land record and no future Site monitoring will be required.	There is a possibility that post-removal sampling will indicate contamination. This uncertainty could add cost to the project.	Yes	Yes	Yes	Yes

Note: These options are being compared to the future reuse of the Site as stated in the Introduction of this CAP/SIP. If redevelopment plans change these conclusions may also change.

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Appendix C-2
Flooring Contaminated with PCBs and Metals
Analysis of Corrective Action Alternatives
Gristmill-Creamery
Morrisville, VT

Remedial Alternative	Advantages	Disadvantages	Technically Feasible?	(If Yes) Economically Feasible?	Achieves a Permanent or Temporary Solution?	Retain for Detailed Evaluation?
No Action	Low cost alternative.	No contaminants would be treated, removed, or contained.	Yes	Yes	No	No
Restrict Access to Buildings	Low cost alternative.	No contaminants would be treated, removed, or contained. This option is not suitable for the proposed Site redevelopment.	Yes	Yes	Yes	No
Cover Floor and Notice to Land Record	Provides barrier over contaminated flooring.	This method would require a risk assessment and a Risk-Based Cleanup and Disposal Notification. It would likely be difficult to obtain TSCA approval since the removal/disposal of the flooring is feasible. However, if it was approved there would be a requirement for long-term monitoring and maintenance.	No	N/A	N/A	No
Plane Existing Floor Surface and Reuse	Provides removal of contamination and retains the existing flooring material	Technically difficult because the condition of the existing floor is poor. This would not guarantee contaminant removal. Additional sampling would be required. An additional round of planing and sampling may be required to achieve the desired cleanup objective. Planed flooring will reduce the floor loading capacity.	yes	not likely	possibly	No
Removal and Disposal	Removes contaminants permanently from the site.	There will be a cost with replacing the flooring.	Yes	Yes	Yes	Yes

Note: These options are being compared to the future reuse of the Site as stated in the Introduction of this CAP/SIP. If redevelopment plans change these conclusions may also change.

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APPENDIX D

Appendix D-1
Corrective Action Plan Cost Summary
Engineer's Opinion of Cost

MWL Gristmill-Creamery
Morrisville, VT

WESTON & SAMPSON ENGINEERS, INC.
PROJECT NO. 2120063
06/08/12

ITEM NO.	DESCRIPTION				TOTAL AMOUNT
1	Gristmill Building				\$42,800
2	Creamery Building				\$38,400
3	Former Garage				\$34,400
4	Mobilization and Demobilization (7% of Total Construction Cost)				\$8,100
CONTRACTOR REMEDIATION COST					\$124,000
Engineering Services (Bidding Assistance, Review Contractor Submittals, Meetings, Construction Observation) (20%)					\$24,800
TOTAL OPINION OF PROBABLE COST					\$148,800

NOTES:

1. Items 1 through 4 above each contain a contingency of 10%.
2. Appendix D-5 at the end of this section is not a provision of this CAP but was provided for redevelopment budgeting purposes.

V:\LCPC\CAP\Appendix D - Cost Tables\Opinion of Costs 06-07-12.xls\Summary

Appendix D-2
Gristmill Building
ENGINEER'S OPINION OF COST

MWL Gristmill-Creamery
Morrisville, VT

WESTON & SAMPSON ENGINEERS, INC.
PROJECT NO. 2120063
06/08/12

ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Demolition Work - first floor	1,400	sq.ft.	\$5.00	\$7,000
2	Demolition Work - replace first floor	1,400	sq.ft.	\$5.00	\$7,000
3	Demolition Work - loading dock	1	est	\$500	\$500
4	Flooring - T&D (PCB<50 ppm and to VT landfill)	10	tons	\$125	\$1,250
	> Lamoille Regional Solid Waste Management District	10	tons	\$14	\$140
5	Negative Pressure HEPA System	1	est.	\$1,500	\$1,500
6	Post Remediation Interior Surface Cleaning	1	est.	\$1,500	\$1,500
7	Soils in Crawl Space - Removal and loading	1	est	\$3,500	\$3,500
8	Soils in Crawl Space - T&D (PCB<50 ppm VT landfill)	23	tons	\$125	\$2,847
	> Lamoille Regional Solid Waste Management District	23	tons	\$14	\$319
9	Soils in Front of Building - Excavation, T&D (PCB<50 ppm VT landfill)	42	tons	\$125	\$5,250
	> Lamoille Regional Solid Waste Management District	42	tons	\$14	\$588
10	Soil/Gravel Restoration in Front of Building	15	cu.yd.	\$50	\$750
11	Pressure Wash and Disposal of Wash Water	1	est.	\$2,500	\$2,500
12	Post remediation sampling at base of excavations - 5 samples (PCBs)	5	ea.	\$125	\$625
13	Post Remediation Sampling of Joists	6	ea.	\$125	\$750
14	Post Remediation Air Sampling (PCBs)	1	ea.	\$300	\$300
15	Post Remediation Dust Wipe Samples	5	ea.	\$125	\$625
16	Erosion and dust control, health and safety provisions, and other	1	est.	\$2,000	\$2,000
subtotal					\$38,944
10% Contingency					\$3,894
ESTIMATED PROJECT COST					\$42,800

Appendix D-3
Creamery Building
ENGINEER'S OPINION OF COST

MWL Gristmill-Creamery
Morrisville, VT

WESTON & SAMPSON ENGINEERS, INC.
PROJECT NO. 2120063
06/08/12

ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Design, Installation and Removal of Temporary Shoring (*1)	1	L.S.	\$9,000	\$9,000
2	Demolition Work - saw cut and remove part of concrete on 1st floor	100	sq.ft.	\$10.00	\$1,000
3	Demolition Work - replace part of concrete on 1st floor	100	sq.ft.	\$10.00	\$1,000
4	Demolition Work - demo part of 2nd floor	500	sq.ft.	\$5.00	\$2,500
5	Demolition Work - replace part of 2nd floor	500	sq.ft.	\$5.00	\$2,500
6	Demolition Work - demo 3rd floor	1,100	sq.ft.	\$5.00	\$5,500
7	Demolition Work - replace 3rd floor	1,100	sq.ft.	\$5.00	\$5,500
8	Flooring - T&D (assuming TCLP lead <5mg/l and to VT landfill)	19	tons	\$125	\$2,375
	> Lamoille Regional Solid Waste Management District	19	tons	\$14	\$266
9	Negative Pressure HEPA System	1	est.	\$1,500	\$1,500
10	Post Remediation Interior Surface Cleaning	1	est.	\$1,500	\$1,500
11	TCLP Lead waste characterization (flooring - 3rd floor)	1	ea.	\$100	\$100
12	Post Remediation Air Sampling (mercury)	1	ea.	\$150	\$150
13	Health and safety provisions, and other	1	est.	\$2,000	\$2,000
subtotal					\$34,891
10% Contingency					\$3,489
ESTIMATED PROJECT COST					\$38,400

NOTES:

1. (*1) Includes construction with heavy wood timber bracing/shoring (\$6,500) and engineering design and site visits (\$2,500).

Appendix D-4
Former Garage

ENGINEER'S OPINION OF COST

MWL Gristmill-Creamery
 Morrisville, VT

WESTON & SAMPSON ENGINEERS, INC.
 PROJECT NO. 2120063
 06/08/12

ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Contaminated Soils - removal and loading	1	est	\$2,500	\$2,500
2	Contaminated Soils - T&D (VT landfill)	125	tons	\$125	\$15,625
	> Lamoille Regional Solid Waste Management District	125	tons	\$14	\$1,750
3	Soil backfill, loam and seed	83	cu.yd.	\$50	\$4,167
4	Post remediation sampling at base of excavations - 5 samples (PCBs and TPH)	25	ea.	\$250	\$6,250
5	Erosion and dust control, health and safety provisions, and other	1	est.	\$1,000	\$1,000
subtotal					\$31,292
10% Contingency					\$3,129
ESTIMATED PROJECT COST					\$34,400

V:\LCPC\ICAPI\Appendix D - Cost Tables\Opinion of Costs 06-07-12.xls\Summary

Appendix D-5 - This item is not included as part of this CAP and is provided for budgeting purposes only.

Lead In Soils around Creamery Building

ENGINEER'S OPINION OF COST

MWL Gristmill-Creamery
Morrisville, VT

WESTON & SAMPSON ENGINEERS, INC.
PROJECT NO. 2120063
06/08/12

ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Contaminated Soils - removal and loading	1	est	\$3,500	\$3,500
2	Contaminated Soils - T&D (assuming TCLP lead <5mg/l and to VT landfill)	65	tons	\$125	\$8,125
	> Lamoille Regional Solid Waste Management District	65	tons	\$14	\$910
3	Soil backfill, loam and seed	45	cu.yd.	\$50	\$2,250
4	Post remediation sampling at base of excavations (Lead)	25	ea.	\$35	\$875
5	TCLP Lead waste characterization (soil)	2	ea.	\$100	\$200
subtotal					\$15,860
10% Contingency					\$1,586
ESTIMATED PROJECT COST					\$17,400

V:\LCPC\CAPI\Appendix D - Cost Tables\Opinion of Costs 06-07-12.xls]Summary

APPENDIX E

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SECTION 01330

SUBMITTALS

PART 1 - GENERAL

1.01 WORK INCLUDED:

- A. The Contractor shall provide the Engineer with submittals as required by the Contract Documents.

1.02 RELATED WORK:

- A. All Divisions of these Specifications.

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

3.01 GENERAL:

- A. Contractor shall submit a schedule of shop and working drawing submittals.
- B. The Contractor shall submit the shop and working drawing submittals either electronically or hard copy.

3.02 ELECTRONIC SUBMITTALS:

- A. In accordance with the accepted schedule, the Contractor shall submit promptly to the Engineer by email or on Compact Disc (mail to Weston & Sampson Engineers), one electronic copy in Portable Document Format (PDF) of shop or working drawings required as noted in the specifications, of procedures, structural details and materials fabricated especially for this Contract.
- B. Each electronic copy of the shop or working drawing shall be accompanied by the Engineer's standard shop drawing transmittal form, included in this section (use only for electronic submittals), on which is a list of the drawings, descriptions and numbers and the names of the Owner, Project, Contractor and structure.
- C. The Contractor shall receive a shop drawing memorandum with the Engineer's approval or comments via email.

3.03 HARD COPY SUBMITTALS:

- A. In accordance with the accepted schedule, the Contractor shall submit promptly to the Engineer, by mail, six (6) copies each of shop or working drawings required as noted in the specifications, of equipment, procedures, structural details and materials fabricated especially for this Contract.
- B. Each shipment of drawings shall be accompanied by the Engineer's (if applicable) standard shop drawing transmittal form on which is a list of the drawings, descriptions and numbers and the names of the Owner, Project, Contractor and building, equipment or structure.

3.04 SHOP AND WORKING DRAWINGS:

- A. Shop and working drawings shall show the principal dimensions, weight, structural and operating features, space required, clearances, type and/or brand of finish of shop coat, grease fittings, etc., depending on the subject of the drawings. When it is customary to do so, when the dimensions are of particular importance, or when so specified, the drawings shall be certified by the manufacturer or fabricator as correct for this Contract.
- B. All shop and working drawings shall be submitted to the Engineer by and/or through the Contractor, who shall be responsible for obtaining shop and working drawings from his subcontractors and returning reviewed drawings to them. All shop and working drawings shall be prepared on standard size, 11-inch by 17-inch sheets, except those, which are made by changing existing standard shop or working drawings. All drawings shall be clearly marked with the names of the Owner, Project, Contractor and building, equipment or structure to which the drawing applies, and shall be suitably numbered. Each shipment of drawings shall be accompanied by the Engineer's (if applicable) standard shop drawing transmittal form on which is a list of the drawings, descriptions and numbers and the names mentioned above.
- C. Only drawings that have been prepared, checked and corrected by the fabricator should be submitted to the Contractor by his subcontractors and vendors. Prior to submitting drawings to the Engineer, the Contractor shall check thoroughly all such drawings to satisfy himself that the subject matter thereof conforms to the Contract Documents in all respects. Shop drawings shall be reviewed and marked with the date, checker's name and indication of the Contractor's approval, and only then shall be submitted to the Engineer. Shop drawings unsatisfactory to the Contractor shall be returned directly to their source for correction, without submittal to the Engineer. Shop drawings submitted to the Engineer without the Contractor's approval stamp and signature will be rejected. Any deviation from the Contract Documents indicated on the shop drawings must be identified on the drawings and in a separate submittal to the Engineer.
- D. The Contractor shall be responsible for the prompt submittal and resubmittal, as necessary, of all shop and working drawings so that there will be no delay in the work due to the absence of such drawings.

- E. The Engineer will review the shop and working drawings as to their general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Corrections of comments made on the drawings during the review do not relieve the Contractor from compliance with requirements of the Contract Documents. The Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner. The review of the shop drawings is general and shall not relieve the Contractor of the responsibility for details of design, dimensions, code compliance, etc., necessary for interfacing with other components, proper fitting and construction of the work required by the Contract and for achieving the specified performance. The Engineer will review submittals two times: once upon original submission and a second time if the Engineer requires a revision or corrections. The Contractor shall reimburse the Owner amounts charged to the Owner by the Engineer for performing any review of a submittal for the third time or greater.
- F. With few exceptions, shop drawings will be reviewed and returned to the Contractor within 14 days of submittal.
- G. No material or equipment shall be purchased or fabricated especially for this Contract nor shall the Contractor proceed with any portion of the work, the design and details of which are dependent upon the design and details of equipment or other features for which review is required, until the required shop and working drawings have been submitted and reviewed by the Engineer as to their general conformance and compliance with the project and its Contract Documents. All materials and work involved in the construction shall then be as represented by said drawings.
- H. Two copies of the shop and working drawings and/or catalog cuts will be returned to the Contractor. The Contractor shall furnish additional copies of such drawings or catalog cuts when he needs more than two copies or when so requested.

3.05 SAMPLES:

- A. Samples specified in individual Sections include, but are not necessarily limited to, physical examples of the work such as sections of manufactured or fabricated work, small cuts or containers of materials, complete units of repetitively-used products, color/texture/pattern swatches and range sets, specimens for coordination of visual effect, graphic symbols, and units of work to be used by the Engineer or Owner for independent inspection and testing, as applicable to the work.
- B. The number of samples submitted shall be as specified. Submittal and processing of samples shall follow the procedures outlined for shop and working drawings unless the specifications call for a field submittal or mock-up.

- C. Acceptance of samples will be acknowledged via a copy of the transmittal noting status. When samples are not acceptable, prompt resubmittal will be required.

END OF SECTION

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SECTION 01380

HEALTH AND SAFETY PLAN

PART 1 – GENERAL

1.01 DESCRIPTION:

- A. Prior to the start of work on the site, Contractor shall prepare and submit a site-specific Health and Safety Plan that includes consideration of all known and potential hazards at the site. Work may not proceed at the project site until the Contractor's health and safety plan has been received and reviewed by the Engineer.
- B. In addition to addressing health and safety issues associated with excavation of contaminated soil, the Health and Safety Plan and related items of this Section are also to address general construction activities required under this Contract. Refer to Section 02282 - Handling, Transportation, and Off-Site Disposal of Excavated Material and the Contract Drawings for additional elements and requirements to be included in the Contractor's Health and Safety Plan.
- C. The following items are addressed in this Section.
 - 1. Preparation of a Site-Specific Health and Safety Plan
 - 2. Personal Protective Equipment
 - 3. Logs, Reports, and Recordkeeping
- D. The Contractor is advised that remedial actions are necessary at the Site due to the presence of PCBs, Lead, Arsenic, and Total Petroleum Hydrocarbons (TPH) in some soil above regulatory limits. Remediation of building materials with lead, arsenic and PCBs is also required at the Site. Other contaminants, including asbestos containing materials, are present at the Site and should be planned for accordingly. A summary of the contamination present at the Site is present in the Corrective Action Plan.

1.02 PREPARATION OF A SITE-SPECIFIC HEALTH AND SAFETY PLAN:

- A. Prior to the start of work on the Site, and no later than 15 calendar days after the date of the Notice to Proceed, Contractor shall prepare and submit an initial Site-specific Health and Safety Plan which includes consideration of all known and potential hazards at the Site. Work may not proceed at the project Site until the Contractor's Health and Safety Plan has been received by Engineer.
- B. Site-specific health and safety procedures as specified herein are required due to potentially hazardous conditions that may be encountered during handling, sampling, treatment, removal and disposal of contaminated and/or hazardous material. These procedures shall be described in the Health and Safety Plan prepared by the Contractor.

The Health and Safety Plan shall be submitted to the Engineer for review, before any work can be initiated. The Contractor is responsible for its workers' and Subcontractors' health and safety and the monitoring and control of dust and odor migration from the Site. Therefore, the Engineer will only review the Contractor's Health and Safety Plan for relevant content. The Contractor shall implement, maintain, and enforce these procedures during all phases of the Work associated with the description of work described in this Section.

- C. It is the responsibility of the Contractor to implement engineering controls, at no additional cost to the Owner, to control and reduce fugitive air emissions, noise, and odors that exceed nuisance levels.
- D. This Section describes the minimum health and safety requirements during completion of the Site work. The Contractor shall develop a detailed Health and Safety Plan based on all applicable regulations. The Health and Safety Plan must establish in detail the protocols necessary for protecting workers, on-Site personnel, visitors and potential off-Site receptors from potential hazards that may be encountered during remediation activities.
- E. The Health and Safety Plan shall include Site access provisions that effectively limit access to work areas to only those persons in full compliance with the requirements of the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.120 and Vermont's Occupational Safety and Health Administration Standards.
- F. The Contractor's Health and Safety Plan shall include a detailed description of the method of operations to be implemented during construction activities.
- G. The Contractor shall conduct an initial Site survey to determine the appropriate safety procedures and level of worker safety equipment. The Contractor's Site Safety and Health Officer (SSHO) shall be present on-Site throughout the duration of the Contract, shall be fully qualified and experienced to conduct his/her duties, and shall maintain a continuous hazardous materials health and safety monitoring program throughout the performance of the work associated with the Site remediation work. It shall be the SSHO's responsibility to notify the Engineer of any deviations in the hazardous materials health and safety-monitoring program.
- H. It shall be the Contractor's responsibility to notify the Engineer orally and in writing as quickly as possible should any unforeseen safety hazard or condition become evident during the performance of the work. In the interim, the Contractor shall take prudent action to establish and maintain safe working conditions and to safeguard employees, the public, and the environment.
- I. Any disregard for the provisions of these Specifications shall be deemed just and sufficient cause for the termination of the Contractor or any lower-tier subcontractor without compromise or prejudice to the rights of the Contractor or subcontractor.

- J. Contractor shall be cognizant of the minimum health and safety plan standards set forth in 29 CFR 1910.120 and 29 CFR 1926. The Health and Safety Plan shall include, but not be limited to, the following minimum requirements:
1. Identification of the Contractor's General Supervisor, SSHO, and other personnel needed for hazardous waste site operations and emergency response and their general functions and responsibilities.
 2. Lines of authority, responsibility, and communication associated with personnel identified in paragraph 1.03 K.1.
 3. Copies of 40-hour OSHA HAZWOPER training, Confined Space training, and 10-hour OSHA construction safety training certificates, including most current refresher session certificates if applicable, for all personnel that will be involved in the activities for which such training is required.
 4. Comprehensive work plan that addresses the tasks and objectives of the project, including associated logistics and resources.
 5. Identification and analysis of the hazards and risks associated with each task/operation of the project.
 6. Contractor's standard operating procedures, including personnel training and field orientation information.
 7. Procedures for determining appropriate levels of protection and equipment selection.
 8. Identification of personal protective equipment (including respiratory protection equipment) to be used during each task/operation of the project (see Paragraph 1.04 for additional information).
 9. Contractor's medical surveillance program.
 10. Personal hygiene requirements and guidelines for project personnel.
 11. Project Site zone delineation.
 12. Site security and entry control procedures.
 13. Frequency and types of air monitoring, personnel monitoring, and environmental sampling techniques to be used (including methods for maintenance and calibration of monitoring and sampling equipment). The Dust Control and Monitoring Plan shall be referenced.
 14. Decontamination procedures (see Specification Section 01570 – Environmental Protection and Section 02220 – Demolition for additional information).

15. Contingency and emergency response plans and procedures.
16. List of emergency contacts (including names, addresses, and telephone numbers).
17. Confined Space Entry Procedures.
18. Procedures for minimizing electrical hazards and risks posed by overhead wires.
19. Methods and responsibility for updating the Health and Safety Plan, as necessary.
20. Spill Containment Program – Develop, submit for Engineers review, and implement an Oil and Hazardous Materials Management and Spill Control Program (OHM Program) to address inventory, storage, and on-site handling of oil and hazardous materials, risk mitigation measures, and spill control and reporting procedures that will be implemented by the Contractor during construction. The OHM Program shall include complete descriptions of all methods, procedures, and Best Management Practices (BMP) proposed to insure compliance with appropriate environmental requirements of the Owner, the Vermont Department of Environmental Conservation (DEC), the U.S. Environmental Protection Agency, and all others having jurisdiction.
21. Provisions for Pre-Entry Initial and Periodic Briefings.

1.03 PERSONAL PROTECTIVE EQUIPMENT:

- A. The personal protective equipment required to provide the appropriate level of dermal and respiratory protection shall be determined by the Contractor.
- B. Personal protective equipment shall be provided and properly disposed of at the expense of the Contractor.

1.04 LOGS, REPORTS, AND RECORDKEEPING:

- A. The Contractor shall maintain daily logs covering the implementation of the Health and Safety Plan. Contractor shall provide Engineer with copies of all logs and reports on a weekly basis.
- B. Daily Safety Logs shall include, at a minimum, the following:
 1. Date
 2. Area (Site specific) checked
 3. Employees in a particular area
 4. Site visitors, name, affiliation, and purpose of Site visit
 5. Equipment being utilized by employees
 6. Protective clothing being worn by employees
 7. Protective devices being used by:

- a. Contractor's Personnel
 - b. Visitors
 - c. Designated State and Federal Representatives
8. Site Safety and Health Officer signature and date.

- C. Employer Obligation: The Contractor shall be solely responsible for compliance with Vermont's Occupational Safety and Health Administration Standards and all Federal laws such as OSHA (29 CFR) which require chemical exposure records and medical records be maintained by employer for a specified length of time after the termination of the job.

PART 2 - PRODUCTS

NOT USED

PART 3 – EXECUTION

NOT USED

END OF SECTION

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SECTION 01570

ENVIRONMENTAL PROTECTION

1. Description
2. Notification
3. Implementation
4. Area of Construction Activity
5. Protection of Water Resources
6. Protecting and Minimizing Exposed Areas
7. Location of Storage Areas
8. Protection of Landscape
9. Clearing and Grubbing
10. Discharge of Dewatering Operations
11. Dust Control
12. Erosion and Sediment Controls
13. Baled Hay or Straw
14. Silt Fence
15. Noise Control
16. Waste
17. Equipment and Vehicle Decontamination

1. Description

The work covered by this Section of the Specifications consists of furnishing all labor, materials, tools and equipment and performing all work required for the prevention of environmental pollution during and as a result of construction operations under this contract.

2. Notification

The Engineer will notify the Contractor in writing of any non-compliance with the foregoing provisions. The Contractor shall, after receipt of such notice, immediately take corrective action. Such notice, when delivered to the Contractor or his authorized representative at the site of the work, shall be deemed sufficient for the purpose. If the Contractor fails to act promptly, the Owner, through the Engineer may order stoppage of all or part of the work until satisfactory corrective action has been taken. No claim for an extension of time or for excess costs or damage incurred by the Contractor as a result of time lost due to any stop work orders shall be made unless it was later determined that the Contractor was in compliance.

3. Implementation

- A. Prior to commencement of work, the Contractor shall meet with representatives of the Engineer to develop mutual understandings relative to compliance of the environmental protection program.

- B. The Contractor shall submit for approval six sets of details and literature fully describing environmental protection methods to be employed in carrying out construction activities.

4. Area of Construction Activity

- A. Insofar as possible, the Contractor shall confine his construction activities to those areas defined by the Contract Drawings and Specifications. All land resources within the project boundaries and outside the limits of permanent work performed under this contract shall be preserved in their present condition or be restored to a condition after completion of construction at least equal to that which existed prior to work under this contract. The Contractor shall keep the streets clear of debris, equipment and vehicles at all times for Fire Department access.
- B. The Contractor shall keep vehicles, equipment, and staging areas on existing paved areas on the Site as much as possible to minimize unnecessary soil and habitat disturbance or destruction in accordance with the U.S. Environmental Protection Agency's (EPA's) Principles for Greener Cleanups.

5. Protection of Water Resources and Erosion and Sediment Controls

- A. The Contractor shall not pollute streams, lakes or reservoirs with fuels, oils, bitumens, calcium chloride, acids or other harmful materials. The Contractor shall also prevent the transport of soil, dirt, and salt to surface streams, wetlands, and/or catch basins. It is the Contractor's responsibility to comply with all applicable Federal, State, County and Municipal laws regarding pollution of rivers and streams.
- B. Special measures should be taken to insure against spillage of any pollutants into public waters, and run-off of demolition site sediments into stormwater collection systems. Measures shall include catch basin protection and placement of haybales and silt fences along fencing, as specified herein and indicated on the Contract Drawings.
- C. Catchbasins shall be protected with a nonwoven geotextile filter fabric trap as described in this Section, and as approved by the Engineer.
- D. The Contractor is responsible for maintaining flow into each catch basins which are present on the Site, to prevent ponding/flooding. The Contractor shall clean filter fabric by removing accumulated material, as needed. Removed material shall be stockpiled in accordance with Section 02282 - Handling, Transportation, and Off-Site Disposal of Excavated Material.
- E. The filter drainage fabric shall be composed of continuous-filament fibers bonded together to form a sheet. The fabric shall be an average of 20 mils thick and possess the characteristic of Mirafi 140 N.

6. Protecting and Minimizing Exposed Areas

- A. The Contractor shall limit the area of land which is exposed and free from vegetation during construction. In areas where the period of exposure will be greater than two (2) months, temporary vegetation, mulching or other protective measures shall be provided as specified.
- B. The Contractor shall take account of the conditions of the soil where temporary cover crop will be used to insure that materials used for temporary vegetation are adaptive to the sediment control. Materials to be used for temporary vegetation shall be approved by the Engineer.

7. Location of Storage Areas

- A. The location of the Contractor's storage areas for equipment and/or materials shall be upon existing paved areas on the Site as much as possible to minimize unnecessary soil and habitat disturbance or destruction in accordance with the U.S. Environmental Protection Agency's (EPA's) Principles for Greener Cleanups. All storage areas for equipment and/or materials shall require written approval of the Engineer. Plans showing storage facilities for equipment and materials shall be submitted for approval of the Engineer.
- B. Contractor shall obtain and adhere to all permits required for disturbing soil adjacent to a watercourse. Adequate measures for erosion and sediment control (polyethylene sheeting on stockpiles, the placement of baled hay or straw around the downstream perimeter of stockpiles, etc.) shall be employed to protect any downstream areas from siltation.
- C. There shall be no storage of equipment or materials in areas designated on the Contract Drawings as the 100-foot wetlands buffer zone.
- D. The Engineer may designate a particular area or areas where the Contractor may store materials used in his operations.

8. Protection of Landscape

- A. The Contractor shall not deface, injure, or destroy trees or shrubs nor remove or cut them within the Limit of Work, unless shown on the Contract Drawings, without written authority from the Owner. No ropes, cables, or guys shall be fastened to or attached to any existing nearby trees for anchorages unless specifically authorized by the Engineer. Excavating machinery and cranes shall be of suitable type and be operated with care to prevent injury to trees which are not to be removed, particularly overhanging branches and limbs. The Contractor shall, in any event, be responsible for any damage resulting from such use. If the Contractor damages trees not designated for removal, the Contractor shall restore damaged trees as nearly as possible to its original condition at the expense of the Contractor. The Engineer will decide what method of restoration shall be used, and whether damaged trees shall be treated and healed or removed and disposed of.

- B. Branches, limbs, and roots shall not be cut except by permission of the Engineer. All cutting shall be smoothly and neatly done without splitting or crushing. When there is unavoidable injury to branches, limbs and trunks of trees, the injured portions shall be neatly trimmed and covered with an application of grafting wax or tree healing paint as required by the Engineer.
- C. Where, in the opinion of the Engineer, trees may possibly be defaced, bruised, injured, or otherwise damaged by the Contractor's equipment or other operations, the Engineer may require the Contractor to adequately protect such trees by placing boards, planks, poles or fencing around them. Any trees or landscape feature scarred or damaged by the Contractor's equipment or operations that is not designated for removal on the Contract Drawings shall be restored as nearly as possible to its original condition at the expense of the Contractor. The Engineer will decide what method of restoration shall be used, and whether damaged trees shall be treated and healed or removed and disposed of.

9. Clearing and Grubbing

- A. The Contractor shall clear and grub shrubs and trees as depicted on the Contract Drawings.

10. Discharge of Dewatering Operations

- A. Any water that is pumped from the building trenches and/or excavations as part of the Contractor's water handling, including water that collects on-Site during a storm event, shall be in accordance with applicable Federal, State and local environmental regulations and permits.
- B. Under no circumstances shall the Contractor discharge water to the areas designated as wetlands.
- C. Any damage caused by or resulting from dewatering operations shall be the sole responsibility of the Contractor.

11. Dust Control

- A. During the progress of the Work, the Contractor shall conduct his operations and maintain the area of his activities, including sweeping and sprinkling of streets as necessary, to minimize creation and dispersion of dust. The Contractor shall be responsible for implementing additional engineering controls (e.g. additional dust suppression agent, etc.).
- B. Calcium Chloride shall not be used for dust control.

12. Erosion and Sediment Controls

- A. Erosion and sediment controls shall be installed as shown on the Contract Drawings and specified herein. This shall include catch basin protection, haybales and silt fencing, and any additional measures that may be required or as determined by the Engineer. Erosion and sediment control measures shall be furnished, installed, maintained and replaced by the Contractor as needed to ensure that sediment laden water/surface runoff does not leave the Limits of Work.
- B. The Contractor also shall not create conditions that allow silt laden runoff to run onto public ways. Any silt and debris deposited onto public ways by runoff shall be cleaned up to the satisfaction of the Owner and means shall be employed to prevent recurrence of run-off deposits at no additional cost to the Owner.

13. Baled Hay or Straw

- A. To trap sediment and to prevent sediment from clogging drainage systems, baled hay or straw shall be used where shown on the Contract Drawings. Care shall be taken to keep the bales from breaking apart. The bales should be securely staked to prevent overturning, flotation, or displacement. All deposited sediment shall be removed periodically.

14. Silt Fence

- A. Where indicated on the Contract Drawings or where required by the Engineer, the Contractor shall erect and maintain a temporary silt fence. In areas designated as wetlands, the Contractor shall line the limits of the construction easement with a silt fence. The silt fence shall be used specifically to contain sediment from runoff water and to minimize environmental damage caused by construction.
- B. The silt fence shall consist of a 3-foot wide continuous length sediment control fabric, stitched to a 22-foot wide, continuous length support netting, and stapled to preweathered oak posts installed as shown on the drawings. The oak posts shall be 1½-inches by 1½-inches (Minimum Dimension) by 48 inches and shall be tapered. The support netting shall be industrial strength polypropylene. The bottom edge of the sediment control fabric shall be buried as shown on the drawings. The sediment control fabric shall conform to the following properties:

Property	Value	Test Method
1. Grab Strength (lbs.)	124	ASTM D-4632
2. Elongation (%)	15%	ASTM D-4632
3. Puncture Strength (lbs.)	65	ASTM D-4833
4. Burst Strength (psi)	300	ASTM D-3786
5. Trapezoid Tear (lbs.)	60	ASTM D-4533
6. Equivalent Opening Size (U.S. Sieve)	No. 30	ASTM D-4571
7. Permittivity (sec ⁻¹)	0.10	ASTM D-4491
8. Water Flow Rate (gal/min/sf.)	10	ASTM D-4491
9. UV Resistance (%)	70	ASTM D-4355

- C. The silt fence shall be Mirafi Envirofence manufactured by Mirafi, Inc. or approved equal.

15. Noise Control

- A. The Contractor shall make special provisions to prevent excessive noise during demolition, remediation, and construction. No heavy demolition and construction equipment or large engine vehicle shall be allowed to operate on the Site between the hours of 7 PM and 7 AM (or as required by the Town), unless special permission is granted by the Owner. Temporary noise barriers shall be erected by the Contractor as required by the Engineer if the noise level at the perimeter of the Site is determined as excessive.
- B. In accordance with the U.S. Environmental Protection Agency's (EPA's) Principles for Greener Cleanups, the Contractor shall minimize noise disturbances. When available, make the maximum use of "low-noise-emission products" as certified by EPA. No blasting or use of explosives is permitted.
- C. Protect employees against noise exposure in accordance with the requirements of the Occupational Safety and Health Act of 1972.
- D. Compliance with the requirements of this Section will not offer any relief from responsibility for compliance with local ordinances, regulations, and other Sections.
- E. Compliance with the requirements of this Section will require the use of machines with effective mufflers or enclosures and selection of quieter alternative procedures.
- F. Unless otherwise indicated, all noise level limits are measured 50 feet from the equipment producing said noise.

16. Waste

- A. All rubbish and surplus material shall be handled and disposed of in accordance with all Federal, State, and local requirements.
- B. Provide rubbish and garbage containers at several locations throughout the Site. Empty containers at regular intervals to avoid overfilling.

- C. Provide temporary chemical toilets and periodically empty wastes according to all Federal, State, and local regulations.
- D. Conduct fueling and lubricating of equipment and motor vehicles in a manner that affords the maximum protection against spills and evaporation. Dispose of lubricants to be discarded and excess oil in accordance with approved procedures meeting Federal, State and local regulations.

17. Equipment and Vehicle Decontamination

- A. Vehicles leaving the Site, or leaving an off-Site temporary storage location, shall not carry out mud or dirt from the Site on the vehicle body or wheels. Any foreign matter on the vehicle body or wheels shall be physically removed prior to vehicle's entering of a public roadway. Contractor shall not permit any truck to leave the Site with exterior mud or dirt that has the potential to be deposited on public roadways. Contractor shall be responsible for assuring that each vehicle is properly decontaminated prior to exiting the Site. The Contractor shall prevent carry-out or spillage of material from his/her vehicles onto public ways. The Contractor shall promptly clean up and dispose of all material and debris deposited on public ways to the Owner's satisfaction. If vehicles track mud and dirt off-site, the Contractor shall be responsible for additional engineering controls such as wheel washing at no extra cost to the Owner. The Contractor shall be responsible for collecting all wash water and sediment, as required, at no additional cost to the Owner. The Contractor shall ensure that material hauling vehicles remain on paved surfaces as much as possible.
- B. Vehicle mud and dirt carryout, material spills, and soil wash-out onto public roadways and walkways and other paved areas shall be cleaned up immediately by the Contractor at no additional expense to the Owner. The Contractor also shall not create conditions that allow silt laden runoff to run onto public ways. Any silt and debris deposited onto public ways by runoff shall be cleaned up to the satisfaction of the Owner and means shall be employed to prevent recurrence of run-off deposits at no additional expense to the Owner.
- C. Haul truck cargo areas shall be securely covered during material transport on public roadways.
- D. The Contractor is responsible for daily clean-up of public roadways and walkways affected by work of this Contract. A wet spray power vacuum street sweeper shall be used on paved roadway, as required. Dry power sweeping is prohibited. Costs associated with cleaning/sweeping of public roadways is considered incidental to the Project.
- E. Construction equipment, tools and appliances used during the Work shall also be decontaminated. Mud, dirt, and any other foreign matter shall be physically removed from equipment and tools prior to being removed from the Site and stockpiled with excavated material identified for off-Site disposal.

- F. All vehicle containers shall be carefully loaded to avoid contamination of exterior surfaces. In addition, all vehicles and equipment used during the handling of contaminated material and/or hazardous chemicals and materials shall be decontaminated prior to leaving the Site. Procedures for vehicle and equipment decontamination shall be submitted as part of the Health and Safety Plan (Specification Section 01380). The Contractor shall be responsible for assuring that each vehicle is properly decontaminated prior to exiting the Site.

END OF SECTION

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SECTION 02090

ABATEMENT OF PCB CONTAINING MATERIALS

PART 1 - GENERAL

1.01 SUMMARY:

- A. This section specifies the procedures for removal of existing polychlorinated biphenyls (PCB) containing materials with PCB detections greater than 1 part per million (ppm), such as soil, brick, floor boards and concrete block. The materials identified above shall be disposed of as PCB remediation and bulk product waste in accordance with the Environmental Protection Agency's (EPA's) Toxic Substances Control Act (TSCA) regulations (40 CFR 761) at a licensed, certified TSCA waste disposal facility.

As used in these Contract Documents, and defined in Paragraph 1.04 of this Section, 'PCB Contaminated Materials' refers to materials with PCB concentrations greater than 1 ppm.

- B. Refer to the Corrective Action Plan – Self-Implementing On-Site Cleanup Plan (CAP-SIP) for a summary of known PCBs distribution and concentration data within the Gristmill-Creamery buildings and soils. Refer to related historical documents for complete results.
- C. Exposure to PCB-containing materials may cause health hazards to site workers and other site occupants. Contractor shall appraise all of his workers, supervisory personnel, subcontractors and consultants who will be at job site of the seriousness of the hazard and of proper work procedures which must be followed.
- D. Where in the performance of the work, workers, supervisory personnel, subcontractors, or consultants may encounter, disturb or otherwise function in the immediate vicinity of PCB-containing materials, appropriate, continuous measures as necessary to protect all site workers and occupants from the hazard of exposure shall be taken. Such measures shall include the procedures and methods described herein, regulations of the U.S. Occupational Safety & Health Administration (OSHA) and U.S. Environmental Protection Agency (EPA).

1.02 SCOPE OF WORK:

The scope of work identified herein shall be performed in accordance with the requirements of this Section, all applicable Federal, State, and local regulations, and related sections of the project specification. Any alterations to the procedures or methods of the specification shall be requested in writing prior to the commencement of the work and must receive written approval of the Engineer

prior to performing the work. Any disputes with the quantities or sequential work methods of this Section shall be reviewed prior to commencement of work or the Contractor performs such work at risk of non-payment. The Contractor shall perform the following in accordance with this specification:

1. The Contractor shall remove and dispose of all PCB contaminated flooring, concrete, and soils to the limits shown in the drawings and as specified.
2. The Contractor shall decontaminate tools and equipment (shovels, excavator buckets, etc.) used to abate/remove PCB-containing materials in accordance with TSCA 40 CFR 761.79 prior to removal from the work zone and as described in this Section.
3. All materials removed under this Section shall be disposed of in accordance with TSCA regulations at a licensed disposal facility.
4. Any on-site roll-off containers used for temporary waste storage (during the active work only) shall be fully enclosed, sealed, locked containers and inaccessible to other trades, public. Proper labels must accompany the waste storage areas and containers.
5. All sampling/abatement/disposal activities shall conform to the appropriate guidelines established by the EPA TSCA regulations (40 CFR 761).
6. Maintaining on-Site workers health & safety and minimizing off-Site environmental impacts are top priorities during remedial activities. A detailed health and safety plan will be prepared by the Contractor prior to start of work describing the protocols necessary for protecting workers per Section 01380 – Health and Safety Plan. In addition, the Contractor shall monitor dust using a Mini Ram, or approved equivalent, to ensure that fugitive dust emissions are in compliance with 310 CMR 7.09 and EPA Region 1 regulatory requirements. Dust action levels will be triggered at levels of $150 \mu\text{g}/\text{m}^3$, at which time dust suppression techniques (e.g., wetting) will be implemented. In addition, vehicles leaving the Site will be inspected and wiped or washed down to prevent carry out of mud or dirt into the public roadway.
7. The work of this Section (PCB abatement work) shall be completed and approved in writing by the Engineer prior to any other demolition activities.

1.03 REFERENCES:

- A. TSCA (Toxic Substances Control Act, 40 CFR 761)
- B. CERCLA (Federal “Superfund”)
- C. VTDEC (VT Department of Environmental Conservation)

- D. OSHA (Occupational Safety and Health Administration) CFR Title 29.
- E. EPA (Environmental Protection Agency) and specific coordination with the Region 1 office
- F. CDC (Center for Disease Control): Air Pollution and Respiratory Health.

1.04 DEFINITIONS:

- A. *Authorized Personnel*: Owner or the Engineer's Representative, and all other personnel who are authorized officials of any regulating agency, be it State, Local, Federal or Private entity who possess legal authority for enforcement or inspection of the work.
- B. *Clearance Criteria*: A Visual Inspection of all removal surfaces, performed by the Engineer, conforming to all standards set forth by all authorities having jurisdiction, mentioned in the references.
- C. *Fixed Object*: Mechanical equipment, electrical equipment, fire detection systems, alarms, and all other fixed equipment, fixtures or other items which cannot be removed from the work area.
- D. *HEPA*: High Efficiency Particulate Absolute filtration efficiency of 99.97 percent down to 0.3 microns. Filtration provided on specialized vacuums and air filtration devices to trap particles.
- E. *PCB Bulk Product Waste*: As defined in TSCA Regulations 40 CFR Part 761.3.
- F. *PCB Remediation Waste*: As defined in TSCA Regulations 40 CFR Part 761.3.
- G. *PPE*: Personal Protective Equipment.
- H. *Work Area, Work Zone*: refers to the areas of work for the performance of the Work of this Section including, but not limited to, demarcated and/or separated locations where non-trained, non-certified personnel are not permitted to be present during the work.
- I. *PCB Contaminated Materials*: refers to materials with PCB concentrations greater than 1 ppm.

1.05 REGULATIONS, FEES, AND PERMITS:

- A. All legally imposed charges made by local authorities for the work of this Section involving the coordination, inspection, and approval services of all bureaus

administering all applicable codes and regulations shall be provided hereunder at no additional cost to the Owner.

- B. The Contractor shall give the proper authorities all required notices or information relating to work. Contractor shall pay all fees necessary to obtain all official licenses, permits and certificates, and comply with the rules of the Vermont Department of Health and Vermont Department of Environmental Conservation.

1.06 SUBMITTALS:

A. Quality Control Submittals:

1. Worker's Qualifications Data:

- a. Name of each person who will be performing the Work and their employer's name, business address and telephone number.
- b. Names and addresses of 3 similar projects (abatement of PCB contaminated material and/or other similar building materials such as concrete, brick, etc.) that each person has worked on during the past 3 years and documentation of completion of appropriate PCB/Hazardous Waste training program and supervisors with appropriate PCB/Hazardous Waste supervisor training. Removal of fluorescent light ballasts is not considered a similar project.

2. Waste Transporter Permit: One copy of transporter's current waste transporter permit.

3. Disposal facility TSCA-Certification and permits to accept PCB-containing material.

- B. Pre-Abatement Submittals: Prior to the commencement of any site activities regarding the work of this Section, the Contractor shall submit and receive written approval of the following submittals:

1. PCB Abatement Work Plan

The PCB Abatement Work Plan must contain the following details:

- a. Detailed description of means and methods of establishing and verifying the engineering controls and work practices to minimize the generation or release of airborne contamination of the work zone or outside the work zone.
- b. Procedures for on-site control of dust, water, solids, control of decontamination of tools, equipment and work surfaces.

- c. A description of the abatement work area(s).
- d. A detailed project schedule of daily activities.
- e. A description of procedures to be followed for the proper analytical testing, removal, handling, transport, and disposal of PCB-containing materials and other construction debris resulting from the work of this Section.
- f. Primary and secondary disposal sites for the TSCA-designated PCB remediation and bulk product waste.
- g. Certification signed by the Contractor stating the Contractor has read and understands the specification requirements, the requirements of the PCB regulations at 40 CFR 761 for proper handling, removal and disposal of PCB bulk product waste and PCB remediation waste.
- h. Certification signed by the Contractor's analytical testing laboratory stating the Contractor's lab has read and understands the specification requirements, the requirements of the PCB regulations at 40 CFR 761 for proper analytical testing of PCB bulk product waste and PCB remediation waste.

D. PCB Work Closeout Submittals:

- 1. Disposal Site Receipts: Copy of waste shipment record, certified weight slips and disposal site receipt showing the PCB-containing materials have been properly disposed of.
- 2. Laboratory results for all samples collected and/or analyzed by the Contractor shall be submitted to the Engineer within 2 days of receipt in tabulated Excel spreadsheet form summarizing detections and exceedances of applicable criteria along with the raw laboratory data package. The results shall include all Chain-of-Custody forms and all documentation provided by the laboratory. Analytical data shall be kept confidential, distributed only to the Engineer.

1.07 QUALITY ASSURANCE:

- A. Contractor shall provide and assure that the quality of work practices and procedures are consistent with the below listed agencies. Contractor shall utilize the latest edition, including all addenda, revisions and supplements for all regulatory agencies, codes, etc., including but not limited to:
 - 1. Environmental Protection Agency (EPA).
 - 2. Occupational Safety and Health Administration.

3. Vermont codes, regulations, and laws.
 4. All local codes, ordinances, and bylaws.
- B. Worker's Qualifications: The persons performing PCB abatement and their supervisor shall be personally experienced in PCB abatement work and shall have been regularly employed by a company performing PCB abatement for a minimum of 3 years and shall have completed OSHA hazardous materials worker training (40 hour HAZWOPER) and supervisor training.
- C. Regulatory Requirements: Comply with the referenced standards.
- D. Pre-Work, Conference: Before the Work of this Section is scheduled to commence a conference will be held by the Engineer's Representative at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, reviewing the Work procedures, and documents required by this section.
1. The conference shall be attended by the Contractor, the PCB abatement subcontractor, PCB testing subcontractor, and the Engineer.

1.08 PROJECT CONDITIONS:

- A. Non-liquid cleaning materials, PPE and similar protective materials resulting from decontamination shall be disposed according to 40 CFR 761 and as specified in this Section.
- B. Moveable equipment, tools, sampling equipment shall be decontaminated in accordance with 40 CFR 761 and as specified in this Section prior to removal from the work zone.
- C. The location of waste containers for the temporary storage of PCB-containing materials shall be approved by the Engineer.

1.09 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT:

- A. Workers must wear protective suits, protective gloves, and eye protection and a minimum of half-face respirator with HEPA filter cartridge for PCB abatement activities. Respiratory protection shall be in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- B. Workers must be trained as per OSHA and EPA requirements, have medical clearance and must have an up-to-date pulmonary function test (PFT) and respirator fit tested by a trained professional.

1. A personal air sampling program shall be in place as required by OSHA.
2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.
3. PPE specified in EPA's Concrete Sampling Procedure (May, 2011) must be worn during all concrete sampling activities.

1.10 JOB CONDITIONS:

- A. Posting of regulations: Display the following documents in the clean changing area, in public view, for the full duration of the work at each site with PCB-containing materials:
 1. Instructions for removing injured persons from work area.
 2. Emergency action plan at the work site. This plan shall also include telephone numbers for hospital, doctor and Fire Department.

1.11 SPECIAL CONDITIONS:

- A. The Contractor shall be aware that a Self-Implementing On-Site Cleanup and Disposal Plan, per EPA regulations (40 CFR Part 761) is being performed at the Site.

PART 2 – PRODUCTS

2.01 ABATEMENT PRODUCTS:

- A. Disposal Drums: Metal or fiberboard with locking ring tops, with warning labels as required by OSHA, VTDEC and/or EPA.
- B. Respirators:
 1. Type: Approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.
- C. Vacuum Cleaners:
 1. Type: Vacuums equipped with HEPA filters.
- D. Plastic Sheets:
 1. Type: Minimum 20 mil., opaque, fire retardant polyethylene sheets.

E. Containers:

1. Containers used by the Contractor for storing and/or hauling PCB-containing material shall be constructed of steel, in good condition and designed for the intended purpose of safe, secure storage of contaminated and hazardous materials during loading and transport. The containers shall have a secure cover that will prevent a release of material from truck during transportation. The containers and covers shall be at no additional cost to the Owner and shall be approved by the Engineer prior to mobilization of trucks/containers. The containers must be approved by and labeled in accordance with the U.S Department of Transportation (DOT). The containers shall be sift proof and water resistant in accordance with the DOT.

2.02 GENERAL EQUIPMENT:

- A. A sufficient supply of disposable mops, rags, and sponges for work area decontamination shall be available.

2.03 PERSONNEL PROTECTION:

- A. Safety equipment (e.g., hard hats meeting the requirements of ANSI Standard Z89.1-1981, eye protection meeting the requirements of ANSI Standard Z87.1-1979, safety shoes meeting the requirements of ANSI Standard Z41.1-1967, disposable PVC gloves or other work gloves), shall be provided to all workers and authorized visitors.
- B. Nonskid footwear shall be provided to all abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

PART 3 - EXECUTION

3.01 EMERGENCY PLANNING:

- A. Description: The Contractor shall prepare an emergency preparedness plan detailing at least the information required in this Section and in any applicable Federal, State or local regulations.
- B. Details of Plan:
 1. Emergency planning shall be developed prior to abatement initiation and submitted to the Engineer and Town's Emergency Management Director for review.
 2. Emergency procedures shall be in written form and prominently posted in the clean change area of the worker decontamination area.

3. Emergency planning shall include written notification to police, fire and emergency medical personnel of planned abatement activities, work schedule and layout of work area, particularly barriers that may affect response capabilities.
 4. Emergency planning shall include considerations of fire, electrical hazards, slips, trips, and falls, spills or releases of hazardous materials and heat related injury. Written procedures shall be developed and employee training in procedures shall be provided.
 5. Employees shall be trained in evacuation procedures in the event of work place emergencies.
 - a. For Non-Life-Threatening Situations: Employees injured or otherwise incapacitated shall decontaminate following normal procedures with assistance from fellow workers, if necessary, before exiting the work place to obtain proper medical treatment.
 - b. For Life-Threatening Injury or Illness: Worker decontamination shall take least priority. After measures to stabilize the injured worker, the worker shall be removed from the work place and secure proper medical treatment.
- C. Telephone numbers of all emergency response personnel shall be prominently posted in the clean area, along with the location of the nearest telephone.

3.02 NOTIFICATION:

- A. Notify the Engineer's Representative and Owner's Project Manager a minimum of 5 working days prior to the start of PCB abatement work.

3.03 EMPLOYEE PROTECTION:

- A. Comply with all applicable Occupational Safety and Health Administration (OSHA) Requirements.

3.04 WORK AREA PROTECTION:

- A. Protection of Existing Construction: Perform PCB abatement work without damage or contamination of adjacent areas and existing construction.
- B. Perform abatement activities within a designated work area and prevent migration of PCB waste materials outside of the work area.

3.05 PCB-CONTAINING MATERIAL ABATEMENT:

A. General

1. Perform abatement of PCB-containing materials in accordance with this Section, Drawings, and with an approved PCB Abatement Work Plan.
2. Use procedures and equipment as required to limit occupational and environmental exposure to PCB's when PCB-containing materials are removed in accordance with referenced standards.
3. The Contractor will monitor dust using a Mini Ram, or approved equivalent, to ensure that fugitive dust emissions are in compliance with 310 CMR 7.09 and EPA Region 1 regulatory requirements. Dust action levels for PCB-related work shall be triggered at levels of $120 \mu\text{g}/\text{m}^3$ (80% of the regulatory limit of $150 \mu\text{g}/\text{m}^3$) at which time dust suppression techniques (e.g., wetting) will be implemented.
4. The Contractor shall decontaminate tools and equipment (shovels, excavator buckets, etc.) used to abate/remove PCB-containing materials in accordance with TSCA 40 CFR 761.79 prior to removal from the work zone. The cleaning materials shall be appropriately disposed of as PCB remediation waste in accordance with TSCA regulations at a licensed disposal facility. Cleaning/decontamination shall be done in a manner to prevent cross-contamination with other equipment and areas. The Contractor shall remove and dispose cross-contaminated materials at no additional cost to the Owner.

3.06 CERTIFICATION OF COMPLETION:

- A. Schedule visual clearance inspection with the Engineer when work area is ready for confirmatory sampling and clearance testing.

3.07 DISPOSAL OF PCB-CONTAINING MATERIALS:

- A. PCB Contaminated materials, including concrete and wood will be placed in fully enclosed, sealed, and locked roll-off containers for transportation and disposal under a manifest to a TSCA-certified facility. The PCB remediation and bulk product waste must be transported by a licensed hauler and shipped to an EPA approved disposal facility. Waste manifests must show chain of custody.
- B. The Contractor shall provide waste manifests, certified tare and gross weight slips for each load received at the accepted facility and provide to the Engineer and Owner within 21 days of obtaining final signatures.
- C. All PCB waste shall be carefully loaded into roll-off containers and onto trucks or other appropriate vehicles for transport. Before and during transport, care shall be

exercised to insure that no unauthorized persons have access to the material. All transportation vehicles shall be appropriately placarded in accordance with 40 CFR 761.

- D. Transporters of the waste are prohibited from “back hauling” any freight after the disposition of the Owner’s waste stream until decontamination of the vehicle and/or trailer is completed.

3.08 WASTE MANAGEMENT AND DISPOSAL:

- A. The Contractor shall be responsible for all packaging, labeling, transport, disposal and record-keeping associated with PCB remediation and bulk product waste in accordance with all Federal, State and local regulations. The Contractor shall prepare all Hazardous Waste Manifests.
- B. The Contractor shall prepare and submit to the Engineer for review all waste profile applications and questionnaires, and coordinate with disposal facilities and all applicable Federal and State Environmental Agencies.
- C. The Contractor shall ensure that the person transporting the waste holds a valid permit issued in accordance with appropriate Federal, State, and local regulations.
- D. The Contractor shall provide to the transporter at the time of transfer appropriate shipping records as required by the Federal, State and local regulations with a copy to the Engineer.
- E. The Contractor shall furnish all generator copies of the Hazardous Waste Manifests to the Owner for submittal to the appropriate regulatory agencies and to retain for the Owner’s records.
- F. Contractor shall maintain proper follow up procedures to assure that waste materials have been received by the designated disposal facility in a timely manner and in accordance with all Federal, State and local regulations.
- G. The Contractor shall submit to the Engineer, prior to receiving progress payment, documentation certifying that all materials were transported to, accepted, and disposed of, at the selected disposal facility (ies). The documentation shall include the following, as a minimum.
 - 1. Documentation shall be provided for each load from the site to the disposal facility, including all manifests and any other transfer documentation as applicable.
 - 2. All documentation for each load shall be tracked by the original manifest document number that was assigned by the Engineer at the site.

3. All ORIGINAL signatures (including signatures of Owner and disposal facility's representative) associated with shipment of any material from the Site within 21 days of obtaining the final signature.

3.09 RESTORATION:

- A. Remove temporary decontamination facilities, temporary enclosures and restore area designated for these facilities to its original condition or better.
- B. Where existing construction is damaged or contaminated, restore work to its original condition or better.

END OF SECTION

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SECTION 02220

DEMOLITION

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes

1. Partial demolition of the Gristmill and Creamery buildings shown on the Drawings and described in the Corrective Action Plan – Self-Implementing On-Site Cleanup Plan (CAP-SIP) primarily includes flooring materials
2. Removal and lawful disposal of miscellaneous debris and solid waste located at the Gristmill-Creamery property as described in the CAP-SIP.

B. Asbestos and hazardous materials abatement shall be completed in conformance with Vermont Department of Health and Vermont Department of Environmental Conservation Requirements. Refer to Section 02090 – Abatement of PCB Materials for requirements related to removal, handling and disposal of PCB containing building materials.

C. Related Sections

1. Section 01330 – Submittals
2. Section 01380 – Health and Safety Plan
3. Section 01570 – Environmental Protection
4. Section 02090 – Abatement of PCB Containing Materials
5. Section 02315 – Excavation, Borrow and Backfill

1.2 DEFINITIONS:

- ###### A. Demolish – To tear down, segregate waste streams and lawfully recycle or dispose of all debris generated in the process including structure contents.

1.3 SUBMITTALS:

A. Quality Control Submittals (prior to commencement of on-site demolition):

1. Methods of demolition and equipment proposed to demolish structures.
2. Waste Management Plan to indicate the types of wastes to be generated and the proposed disposal or recycling locations. Include back-up disposal and recycling facilities. In accordance with the EPA's Principles for Greener Cleanups, the Contractor is encouraged to clean and salvage/reuse/recycle demolition debris and building contents as much as possible.
3. Copies of any authorizations and permits required to perform the work, including disposal/recycling facility permits.

- B. Contract Closeout Submittals - (throughout project and prior to authorization of final payment):
1. Records of the amounts of waste generated, by waste type, shall be submitted and up to date with each request for payment. Requests for payment will be returned, in the event that this requirement is not met.
 2. Evidence of lawful disposal or recycling of all wastes generated, including waste shipment manifests, shipping records, and weight slips shall be submitted and up to date with each request for payment. Requests for payment will be returned, in the event that this requirement is not met.
 3. Documentation of underground structures and utilities as identified in Part 3 of this Section.

1.4 REGULATORY REQUIREMENTS:

- A. Contractor is solely responsible for obtaining permits or approvals which may be required to perform the work of this Section, including all costs, fees and taxes required or levied. All legally imposed charges made by local authorities for the work of this Section involving the connection, inspection and approval services of all bureaus administering all applicable codes and regulations shall be provided hereunder at no additional expense to the Owner.
- B. Notify and obtain such permits or approvals from all agencies having jurisdiction over demolition prior to starting work including, but not limited to Health, Building, and Fire Departments of the municipality and local, State and Federal agencies. The Contractor shall give the proper authorities all required notices or information relating to work in his charge, pay all fees necessary to obtain all official licenses, permits and certificates, and comply with the rules of the Vermont Department of Public Safety
- C. Comply with all applicable Federal, State, and local environmental, safety and health requirements and regulations regarding the demolition of structures and other site features and recycling or disposal of demolition debris, as applicable.
- D. Conform to applicable codes and requirements for demolition of structures, safety of adjacent structures, dust control, service utilities, and discovered hazards.
- E. Contractor performing this work shall be thoroughly knowledgeable of all Federal, State and local laws, rules, and regulations regarding materials containing or coated with lead or lead products. Collection, treatment, and disposal of all lead-containing wastes shall be in strict accordance with current applicable Federal, State, and local laws, rules, and codes, including, but not limited to, Resource Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), Occupational Safety and Health Act (OSHA), and USEPA.

- F. Contractor shall comply with all requirements of the EPA TSCA PCB Cleanup and Disposal Approval Notification, including preparation of a Contractor's work plan prepared and submitted to the EPA by the Contractor detailing procedures, including but not limited to, waste storage, handling and disposal of the waste streams. Include a signed certification from the Contractor and the selected analytical laboratory stating that they have read and understand the Notification and abides by the conditions. Refer to Specification Section 02090 for additional information.

1.5 PROJECT CONDITIONS:

- A. Occupancy: the Gristmill and Creamery Buildings will be unoccupied prior to start of work. This Site is adjacent to Downtown Morrisville and the Contractor shall take necessary precautions to maintain a safe environment for all neighbors during Construction.
- B. Condition of Structures: The Engineer assumes no responsibility nor makes any claim as to the actual condition, or the structural adequacy of any of the existing structures to be partially demolished and remediated. The Contractor shall investigate the condition of the work to be demolished and shall take all precautions to ensure safety of persons and property.
- C. Site inspections were conducted to note the contents of building. The Contractor shall refer to the CAP-SIP for a more detailed overview of contamination at the Site.
- D. Explosives: Not permitted.
- E. Protection: Ensure the safe passage of persons in and around the building during demolition. Prevent injury to persons and damage to property. Provide adequate shoring and bracing to prevent collapse. Immediately repair damaged property to the condition before being damaged.

PART 2 - PRODUCTS

NOT USED

PART 3 – EXECUTION

3.1 PROJECT MANAGEMENT:

- A. Engineer and/or Owner shall have authority over all work at the site.
- B. Contractor shall provide a Representative who shall serve as a direct communication between Contractor and Owner.

3.2 GENERAL REQUIREMENTS:

- A. Verify site conditions before proceeding with demolition work. Field check the accuracy of the Drawings and inspect structures and utilities prior to start of work and notify the Engineer in writing, of any hazardous conditions and/or discrepancies.
 - 1. Unknown Site Conditions - The information provided on the Drawings and in the Specifications is believed accurate, but Contractor should field verify all information. Contractor shall bear full responsibility for obtaining all locations of underground structures, utilities and their connections.
 - 2. Interior Elements - Contractor shall be responsible for performing their own inspection and appraisal of all features and facilities to be demolished or removed for salvage.
- B. Demolition and utility abandonment shall be accomplished by methods that will not cause damage to surrounding structures, underground and overhead utilities, or other existing items and structures that are to remain in place.
- C. All debris shall be promptly and properly managed as the demolition progresses. Construct and/or prepare material Staging/Stockpile areas as required at locations approved by Engineer.

3.3 SITE PREPARATION:

- A. All overhead hazards, which are imminent dangers, shall be removed and/or stabilized prior to work commencing near any building. Where hazards are not readily accessible, Contractor shall mark and control areas below hazards to prohibit access below the hazards. This shall be performed with caution tape, saw horses, safety fence or other types of barricades as determined by applicable safety codes. Similarly, all holes through the floors or weak sections of the floor and/or roof shall either be covered or clearly marked to prohibit entry. Floor coverings shall be capable of supporting heavy equipment use.
- B. Remove building contents prior to demolition and remedial activities.
- C. Install erosion control and protect all catch basins that may be impacted by demolition or utility activities.

3.4 HAZARDOUS MATERIALS:

- A. Lead Paint
 - 1. A number of State, Federal and local agencies regulate work which involves lead paint. The Contractor is hereby notified that there are paint coatings on the structures to be demolished that contain lead. This lead could present a hazard to workers and requires regulatory compliance with 29 CFR 1926.62 "Lead in Construction."

2. Where activities may generate leaded dust or impact a leaded surface, regulate work area so that dust migration is contained properly within the regulated area. Once the work is complete, properly clean up and dispose of leaded dust and materials in accordance with State and Federal regulations.

B. Oil and Hazardous Material Contamination

1. Refer to the CAP-SIP for a detailed overview of contamination at the Site.

3.5 DEMOLITION:

- A. Conduct demolition in accordance with approved plans and in compliance with all relevant specifications, details and plans, so as to minimize interference with adjacent properties.
- B. Conduct operations with minimum interference to public or private properties and access routes. Gain access to the premises at designated locations only.

C. Buildings

1. Barricade work area as necessary to protect workers and general public from falling debris.
2. Do not leave unstable structures unattended. Plan the workday so that all structures are stable at the end of each work day.
3. Unless specifically authorized otherwise, all demolished materials shall be removed from the premises and disposed of, or recycled, in a lawful manner. Provide evidence of satisfactory disposal or recycling.

3.6 DISPOSAL AND RECYCLING:

- A. The Contractor shall be responsible for sampling and characterizing all material designated for disposal and/or recycling for the purpose of fulfilling any disposal/recycling testing requirements, and obtaining approvals, from the disposal/recycling facility(ies). All disposal/recycling characterization sampling and analysis performed by the Contractor shall be at no additional cost to the Owner.

The Contractor shall be responsible for sampling and characterizing all material designated for disposal and/or recycling for the purpose of fulfilling any disposal/recycling testing requirements, and obtaining approvals, from the disposal/recycling facility(ies). All disposal/recycling characterization sampling and analysis performed by the Contractor shall be at no additional cost to the Owner.

The Contractor shall provide the Engineer with a minimum of 2-days notice prior to sampling and shall not sample unless Engineer's approval is received and the Engineer is present to witness the collection of the samples

The Contractor shall submit a copy of all sampling analyses and a tabulated summary of the data in Microsoft Excel format to the Engineer within two (2) days of receipt of the laboratory report.

- B. Legally dispose of or recycle all materials from demolition as well as equipment and other materials that are within the buildings. The disposal and/or recycling facility(ies) shall be permitted to accept the waste stream by the applicable State Agency. The loading of demolition materials shall be performed in a manner that prevents materials and activities from generating excessive dust and ensure minimum interference with roads, sidewalks and streets both on-site and off-site.
- C. Provide evidence that the demolition materials have been received at a legal disposal, recycle, reuse or salvage location. The means for such proof may be truck weight slips from an approved disposal/recycling facility or documentation of transfer of title. Transport of all materials off site shall be in accordance with applicable Department of Transportation Regulations. All materials leaving the site shall become the property of Contractor.

3.7 TEMPORARY STOCKPILING AND STORAGE:

- A. The stockpiling or consolidating of demolition debris near sensitive human health receptors such as public and private water supply wells or sensitive environmental receptors such as wetlands, surface water bodies, or marine environments shall be prohibited.
- B. Stockpiled/stored material must be removed and reused on-Site and/or disposed/recycled off-Site per this Section as soon as possible and in all cases within 90-days from the day of its initial demolition.
- C. All stockpiles containing contaminated material shall be stored in a secure manner to prevent exposure to humans and the environment.
- D. All contaminated building materials shall be placed entirely on 10-mil (minimum) nylon-reinforced polyethylene (NRPE) or 20-mil (minimum) polyethylene sheeting and shall be covered at the end of each day's work with the same material as to minimize the infiltration of precipitation, and volatilization of contaminants of the stockpile. Any cover material used shall be properly secured and possess the necessary physical strength to resist tearing by the wind and other elements. Containers and covers may be used by the Contractor for storing and/or hauling building materials at no additional cost to the Owner. If the Contractor uses containers for contaminated building materials the containers shall be constructed of steel, in good condition and designed for the intended purpose of safe, secure storage of contaminated and hazardous materials during loading and transport. The containers shall have a secure cover that will prevent a release of material from truck during transportation. The containers shall be approved by the Engineer prior to mobilization of trucks/containers. The containers must be approved by and

labeled in accordance with the U.S Department of Transportation (DOT). The containers shall be sift proof and water resistant in accordance with the DOT.

- E. Any failure of materials or procedures used in employing the base polyethylene layer or cover polyethylene layer shall be immediately repaired, replaced or re-secured so as to minimize precipitation infiltration, volatilization, dust, and runoff of the stockpiled material.
- F. The polyethylene sheeting of stockpiles shall be bermed around the edges to prevent any infiltration of stormwater or exfiltration of leachate. The Contractor shall be responsible for collecting and disposing leachate/runoff from the stockpiles at no additional cost to the Owner.
- G. Movement of stockpiled material shall be limited to those activities that are necessary to manage such stockpiles.
- H. Transfer brick and concrete and demolition debris from the demolition areas to the stockpile areas in a manner to prevent cross-contamination with other materials.
- I. Disposal of material that is contaminated as a result of careless handling or use of unauthorized procedures shall be disposed of off-Site at the Contractors expense.
- J. The stockpiles shall be clearly labeled and securely barricaded from contact by workers and the general public.

3.8 TRANSPORT OF MATERIAL:

- A. The Contractor shall not be permitted to transport demolition materials off-Site until all applicable disposal, or recycling facility documentation has been received, reviewed, and approved by the Engineer. The Contractor shall transport the demolition material under a materials shipping record or Hazardous Waste Manifest, as required.
- B. All material removed from the Site shall be transported from the Site by licensed haulers, via designated truck routes, using appropriate vehicles, containment, and documentation. No material shall leave the Site without an associated tracking document; the form of such tracking documents shall be acceptable to the Engineer. Where the means of tracking does not have a preprinted unique alphanumeric identifier, Contractor shall assign and record a tracking number for the document prior to transport of the material from the Site. All materials leaving the Site shall become the property of Contractor.
- C. Contractor shall maintain a Material Tracking Log that documents and tracks all material removed from the Site. For each load of material removed from the Site under any Section of these Specifications, whether transported to a recycle, reuse, or disposal facility, the Contractor shall record at a minimum the following information:

1. Nature and description of material, including waste stream;
 2. Associated Division 2 Specification Section under which the material was removed;
 3. Business name of licensed hauler;
 4. Vehicle identifier;
 5. Weight or quantity of material in hauler's load;
 6. Type of tracking document and associated document's unique alphanumeric identifier for Waste Manifest, or other record being used to track hauler's load;
 7. Date of transport from the Site;
 8. Date of arrival at the receiving facility;
 9. Name and address of the receiving facility; and
 10. Unique number or identifier of associated receiving facility weight slip or receipt.
- D. The Material Tracking Log shall be updated no less than daily, and shall be available to the Engineer for review at all times during normal work hours.
- E. A copy of the complete Material Tracking Log shall be submitted to the Engineer prior to Final Completion.
- F. The Contractor shall take all precaution and any actions necessary, at no additional cost to the Owner, to prevent cross-contamination from transport vehicles to areas outside the Site. The Contractor shall decontaminate equipment and vehicles as specified in Section 01570 – Environmental Protection.
- G. The Contractor shall transport demolition materials from the Site to the disposal/recycling facility in accordance with all United State Department of Transportation (DOT), USEPA, VT DEC, Vermont Agency of Transportation, and applicable State and local regulations.
- H. The Hauler(s) shall be licensed in all states affected by transport.
- I. The Contractor shall be responsible for ensuring that free liquid is properly transported. "Wet materials" shall not be loaded for transport. The Contractor shall dewater "wet materials", and properly dispose of free liquid in accordance with local, State, and Federal regulations and at no additional cost to the Owner. The Contractor shall also dispose of any free liquids that may result during transportation in accordance with local, State, and Federal regulations and at no additional cost to the Owner.
- J. Transporters shall submit proof of permit, license, or authorization to transport excavated material, when applicable, in all affected states.
- K. Utilization of a Hazardous Waste Manifest shall require the use of a licensed hazardous material transporter in conformance with the VT DEC hazardous waste regulations.

3.8 WASTE PROFILES AND MANIFESTS:

- A. The Contractor shall legally dispose/recycle all demolition materials as specified in this Section and all applicable Federal, State, and local regulations.
- B. The Contractor shall provide certified tare and gross weight slips for each load received at the accepted facility with ORIGINAL signatures (including signatures of Owner and disposal facility's representative) and these shall be attached to each returned material shipping record or Hazardous Waste Manifest within 21 days of obtaining final signatures. The Engineer shall make progress payments after receipt of these weight slips.
- C. The Contractor shall prepare and submit to the Engineer for review all waste profile applications and questionnaires, and coordinate with disposal/recycling facilities and all Federal and State Environmental Agencies.
- D. The Contractor shall prepare all Hazardous Waste Manifests and material shipping records with all applicable analytical backup, notification, and control forms.
- E. The Owner will be designated as generator and will sign all manifests and waste profile application or questionnaires.
- F. The Contractor shall furnish all generator copies of the Hazardous Waste Manifest to the Owner for submittal to the appropriate regulatory agencies and to retain for the Owner's records.
- G. The Contractor shall submit to the Engineer, prior to receiving progress payment, documentation certifying that all materials were transported to, accepted, and disposed/recycled, at the selected disposal/recycling facility(ies). The documentation shall include all manifests and any other transfer documentation as applicable.

3.9 LOGS, REPORTS, AND RECORDKEEPING:

- A. The Contractor shall maintain daily logs and reports covering the work to be performed for this Section of the Contract. The format shall be developed by the Contractor to include daily logs, weekly reports, and a phase out report. Contractor shall provide Engineer with copies of all logs and reports on a weekly basis in a Microsoft Excel spreadsheet format.
- B. Daily Logs shall include, at a minimum, the following:
 - 1. Date
 - 2. Area (Site specific) of work being performed
 - 3. Equipment being utilized by employees
 - 4. Type of work performed
 - 5. References to material shipping records, Hazardous Waste Manifests, and waste profiles

6. Stockpile/storage locations, sample locations, and sample identifications
 7. Details and documentation of demolition materials management
 8. Protective clothing being worn by employees
 9. Project manager signature and date
- C. Weekly Reports shall include, at a minimum, the following:
1. A summary of the work performed during the week
 2. Copies of the daily logs.
- D. Phase Out Report shall include, at a minimum, the following:
1. Summary of work performed under this Section of the Contract
 2. Copies of all material shipping records, Hazardous Waste Manifests, and waste profiles
 3. Laboratory reports and plans indicating sample locations
 4. Project Manager signature and date

3.10 SITE RESTORATION:

- A. Backfill per Section 02351 – Excavation, Borrow and Backfill.
- B. Backfill, compact, and grade areas affected by demolition and seed per the Contract Drawings and Section 02920 – Loaming, Seeding and Erosion Control.

END OF SECTION

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SECTION 02282

HANDLING, TRANSPORTATION, AND OFF-SITE DISPOSAL OF EXCAVATED MATERIAL

PART 1 – GENERAL

1.01 DESCRIPTION:

- A. The Work of this Section consists of all labor, equipment, materials, and services for excavating, stockpiling, sampling, handling, segregating, reusing, tracking, transporting, and off-Site recycling and/or disposing of excavated material and miscellaneous soil and/or sediment generated during the course of the Work.
- B. Furnish all labor, materials, equipment, and incidentals necessary to properly excavate, segregate, handle, reuse, stockpile, sample, load, transport and recycle/dispose of excavated materials and miscellaneous soil and/or sediment off-Site. Work includes preparing material shipping records and Hazardous Waste Manifests, as required, and obtaining approval from recycle/disposal facilities for recycling and/or disposal, loading, and hauling of excavated materials, as required. The Contractor shall be responsible for analytical testing of soils for off-Site disposal, and confirmatory purposes, as required by the off-Site disposal/recycling facility and Engineer. The Contractor shall be responsible for the management of miscellaneous soil piles in accordance with this Section.
- C. Excavated material not approved by the Engineer for backfilling because of its chemical characteristics shall be handled as specified herein.

1.02 RELATED WORK:

- A. Section 01380 – Health and Safety Plan
- B. Section 01570 – Environmental Protection

1.03 SUBMITTALS:

- A. Submit to the Engineer, for review, and in accordance with the requirements of the general specifications, the information required by Paragraph 1.03.B of this Section, no more than 14 days after issuance of the Notice to Proceed.
- B. Excavated Materials Management Plan (EMMP) for Construction in the Work Area.

The EMMP shall include the following:

- 1. The Contractor shall be responsible for employing proper protection techniques for excavation (shoring, etc.).

2. The Contractor shall develop the procedures for laboratory testing, or other monitoring, of excavated material, as required by this Section and all applicable Federal, State, and Local regulations. The Contractor shall conduct field screening of soils, approximately one (1) reading per 20-cubic yards, at a minimum, using an 11.8 electron-volt (eV) photoionization detector as described in Paragraph 2.05 of this Section.
3. In general excavated material stockpile areas will need to be approved by the engineer. All stockpiles will need to be labeled and maintained appropriately.
4. Soil characterization sampling shall be collected at a minimum frequency of one (1) sample per 250 - cubic yards of excavated material from all stockpiles or meet recycling/disposal facility sampling frequency (whichever is more stringent), as identified in Paragraph 3.03 of this Section.
5. Before reuse/backfill of excavated material on-Site the Contractor shall assist the Engineer in surveying/measuring the bottom of excavation.
6. The Contractor shall develop procedures and propose a plan detailing on-Site stockpile locations for the excavated material. The Owner shall have final approval over all stockpile locations. Refer to Paragraph 3.04 of this Section, include a schedule detailing the proposed sequence of excavation, stockpiling, and sampling.
7. The Engineer may conduct duplicate field screening of soil samples for quality control purposes. If the Contractor/Contractor's Environmental Consultant and the Engineer have inconsistent PID readings, PIDs shall be calibrated on-Site. No excavated material shall be removed from the Site without the approval of the Engineer and until PIDs are calibrated and results are consistent between the Contractor and Engineer.
8. The Contractor shall provide details of containers, if used as part of this Work, to store and/or transport excavated material. Refer to Paragraph 2.01 of this Section.
9. All pertinent information relating to the transport of excavated material. The information, at a minimum, shall include:
 - a. Name and address of all transporters.
 - b. Transporter identification number (USEPA or Vermont Agency of Transportation) and expiration date.
 - c. Proof of permit, license, or authorization to transport excavated material, when applicable, in all affected states.
 - d. Dust control measures.

10. The Contractor shall identify each waste stream and propose appropriate disposal/recycling facilities that will accept the contaminated material. The Contractor shall submit to the Engineer, approvals or letters of intent and facility information for each facility proposed, within 14 days of issuance of the Notice to Proceed. The Contractor shall submit names of three (3) facilities for each category of excavated material, as identified in Paragraph 3.05 of this Section. Disposal/recycling facilities listed in the EPA Superfund Program will not be accepted as disposal/recycling facilities for this Work. For each facility, the Contractor shall submit the following information:
 - a. General Information
 - i. Facility Name
 - ii. Facility Address
 - iii. Name of Contact Person
 - iv. Title of Contact Person
 - v. Telephone Number of Contact Person
 - vi. Permit Number
 - b. The facility shall specify the volume of material that can be accepted from the Site on a weekly and a total basis.
 - c. The facility shall provide written confirmation that they are permitted to accept and will accept the excavated material, miscellaneous soil, and/or accumulated sediment of the general quality and quantity described by these Specifications.
 - d. The facility shall provide a listing of all current and valid permits, licenses, letters of approval, and other authorizations to operate that they hold, pertaining to the receipt and management of the soils or materials specified in this Contract.
 - e. The Contractor shall submit a complete list of the disposal facility's permitted allowable contaminant levels and physical characteristic requirements for contaminated material, and list any required regulatory approvals for individual waste streams.
 13. The Contractor shall submit documentation of an emergency service agreement with certified emergency response contractor.
 14. The Contractor shall include a Decontamination Plan in the EMMP as described in Section 01570 - Environmental Protection.
- C. Laboratory results for all samples collected and/or analyzed by the Contractor shall be submitted to the Engineer within 2 days of receipt in tabulated spreadsheet form summarizing detections and exceedences of applicable criteria along with the raw laboratory data package. The results shall include all Chain-of-Custody forms and all

documentation provided by the laboratory. Analytical data shall be kept confidential, distributed only to the Engineer.

1.04 REFERENCES:

- A. Vermont Agency of Natural Resources, Waste Management Division, Guidance for Construction of Public Works Projects in Area Where Contamination is Suspected of Known, Effective March 2002
- B. State of Vermont Hazardous Waste Management Regulations, Effective October 15, 2006
- C. All other applicable Federal, State, and local regulations. It is the Contractor's responsibility to know, understand, and abide by all such regulations and common practices. In the event of a conflict, the most stringent regulations shall govern.

1.05 DEFINITIONS:

- A. Excavated Material: All soil and/or debris excavated from within the Site or outside the Limits of Work as part of utility abandonment activities.
- B. Contaminated Material: Excavated material, miscellaneous soil, and/or sediment containing contaminant concentrations equal to or greater than USEPA Industrial Regional Screening Levels.
- C. Suspected Contaminated Material: Material with any of the following characteristics: significant petroleum and/or chemical odor; an oily sheen; and/or material with staining or significant change of color.
- D. Refer to Paragraph 3.05 of this Section for the definitions of the stockpiled material categories (Group A, Group B, and Group C).

1.06 PERMIT REQUIREMENTS:

- A. The Contractor shall obtain all Federal, State, and Local permits required for the transport and disposal of excavated material, miscellaneous soil, and accumulated sediment. The Contractor shall adhere to all permit requirements.
- B. The Contractor shall document that the disposal facilities proposed have all current certifications and permits as required by Federal, State, and Local regulatory agencies to receive and dispose of the excavated material, miscellaneous soil, and/or accumulated sediment.

1.07 EXISTING CONDITIONS:

- A. Work under this Project will occur at the Gristmill- Creamery Property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as “Site”). Refer to the Corrective Action Plan – Self-Implementing On-Site Cleanup Plan (CAP-SIP) for details related to the contaminated soil at the Site.

1.08 QUALITY CONTROL:

- A. The responsibilities of the Contractor shall include, but not be limited to, the items identified below. The Contractor shall engage the services of an Environmental Consultant, if required, prior to and during the course of the Work.
 - 1. Evaluation of existing analytical data and performance of any additional sampling, at no additional cost to the Owner, required for the removal of excavated materials to meet all State and Federal regulations and disposal requirements.
 - 2. Preparation of draft material shipping records and Hazardous Waste Manifests for transportation of Group B and C excavated materials shall be submitted to the Engineer for review and comment. The Contractor shall be responsible for submitting completed Hazardous Waste Manifests, material shipping records, and other shipping documents to the Engineer within two weeks of shipment to a disposal/recycling facility.
 - 3. Prepare the necessary documents to transport and dispose/recycle of stockpiled material and submit the executed transportation and disposal/recycle documents to the appropriate Federal, State and local agencies with copies of all documents submitted to the Engineer in the required time frame for submittal.
 - 4. Preparation of necessary documents to support remedial actions for oil and/or hazardous material releases resulting from Contractor activities. These documents shall be submitted to the Engineer for review prior to submittal to any regulatory agency.
 - 5. Ensuring compliance with all references listed in Paragraph 1.04 of this Section.
 - 6. Ensuring that the work shall conform to Local, State and Federal regulatory agencies governing the handling of contaminated and hazardous materials.
 - 7. Ensuring that Best Management Practices are employed while performing the work described in this Section.
 - 8. Field-screening excavated material for the presence of VOCs with a PID with a minimum 11.8 eV lamp by the jar headspace method. As required by the Engineer, samples representative of each 20-cubic yards of material excavated

shall be screened.

9. The Engineer may conduct duplicate field screening for quality control purposes. If the Contractor/Contractor's Environmental Consultant and the Engineer have inconsistent PID readings, PIDs shall be calibrated on-site. No excavated material shall be removed from the Site without the Engineer's approval and until the PIDs are calibrated and results are consistent between Contractor and Engineer.
10. Advise the Engineer at least three working days in advance of the schedule for off-Site disposal/recycling.
11. Collect, analyze and characterize samples of stockpiled material prior to off-Site disposal as specified in Paragraph 3.03 of this Section.
12. Keep records, including daily logs and photographs, of all waste streams, weights, stockpiles, and excavated materials for the purposes of tracking points of origin.
13. Develop and implement dust control measures, which will adequately protect workers and residents in the nearby community, and prevent off-Site migration of dust.
14. Evaluation of existing analytical data and performance of any additional sampling, at no additional cost to the Owner, required for the removal of excavated materials to meet all State and Federal regulations and disposal requirements.

PART 2 – PRODUCTS

2.01 GENERAL:

- A. All Contractor personnel shall wear personal protective equipment and protective clothing consistent with the levels of protection for this Work as indicated in Section 01380 - Health and Safety Plan.
- B. If containers are used by the Contractor for storing and/or hauling the excavated material, the containers shall be constructed of steel, in good condition and designed for the intended purpose of safe, secure storage of contaminated and hazardous materials during loading and transport. The containers shall have a secure cover that will prevent a release of material from truck during transportation. The containers and covers shall be at no additional cost to the Owner and shall be approved by the Engineer prior to mobilization of trucks/containers. The containers must be approved by and labeled in accordance with the U.S Department of Transportation (DOT) and Vermont Agency of Transportation. The containers shall be sift proof and water resistant in accordance with the DOT.

- C. The Contractor shall decontaminate vehicles, construction equipment, tools and appliances used during the Work as required in Section 01570 – Environmental Protection.

2.02 FILL MATERIALS:

- A. In general, Group A material shall be reused on-Site as backfill as specified in Paragraph 3.05 of this Section.
- B. Notify the Engineer as to the source of the backfill material if excavated material cannot be used. Backfill material, other than excavated material, shall not be used unless approved by Engineer.
- C. All backfilled materials shall be placed and compacted.

2.03 STORAGE LABELS:

- A. Provide signage to label all stockpiles. Labels shall be of 6-inch by 12-inch weatherproof material, such as plastic, affixed to 1-inch x 3-inch wood straps, 3-feet long. The labels shall be clearly marked with indelible ink marker. Markings shall be as agreed upon between Engineer and Contractor.

2.04 STOCKPILE SHEETING:

- A. 10-mil (minimum) nylon-reinforced polyethylene (NRPE) or 20-mil (minimum) polyethylene sheeting shall be used for all stockpile sheeting.
- B. NRPE sheeting shall conform to the following specifications:
 - 1. The membrane shall be manufactured of new, first quality product designed and manufactured specifically for the intended use.
 - 2. The material shall be 10-mil polyethylene reinforced with a non-woven grid of high strength nylon cord.
 - 3. The material shall be ultra-violet resistant and cold crack resistant to -40 degrees Fahrenheit.
 - 4. The materials shall be manufactured in a minimum 12-foot seamless width. Labels on the roll shall identify the thickness, length, width and manufacturer's mark number.

2.05 PHOTOIONIZATION DETECTOR:

- A. A direct reading photo ionization detector (PID), with a minimum 10.6 eV lamp, shall be used for field screening excavated material for total volatile organic compounds (TVOCs).

2.06 PHOTOIONIZATION DETECTOR:

- A. A Delta X-Ray Fluorescence (XRF) analyzer shall be used for field screening the excavated material for heavy metals.

PART 3 – EXECUTION

3.01 GENERAL:

- A. Contractor shall perform disposal characterization sampling and analytical testing of the excavated material as required by the permitted disposal/recycling facility at no additional cost to the Owner.
- B. Based upon all analytical results, the Contractor shall transport, reuse, and/or dispose/recycle the stockpiled material as specified in Paragraph 3.05 of this Section.
- C. The Owner will be the generator of all excavated and stockpiled materials removed from the Site and will sign all Hazardous Waste Manifests. The Contractor shall be the generator of material contaminated as a result of the Contractor or Sub-Contractors release of oil/hazardous materials on the Site caused by them. Stockpiled materials with concentrations greater than Industrial Regional Screening Levels, (Group B and Group C material) shall be transported under a material shipping record and/or Hazardous Waste Manifest. The Contractor shall prepare all material shipping records and Hazardous Waste Manifests and shall submit all transportation paperwork to the Engineer for approval prior to shipment.
- D. The Owner shall have final approval over all disposal/recycling options based on the analytical data.
- E. Immediately notify the Engineer of visible stains or unnatural odor of any excavated material, or if potentially contaminated and/or hazardous material is encountered. Excavate and stockpile areas of suspected contaminated and/or hazardous material per the direction of the Engineer and the procedures described in this Section.
- F. Following material characterization and prior to backfill/reuse on-Site, the Contractor shall assist the Engineer to survey/measure the bottom of the excavation. Stockpiled material designated for reuse/backfill shall be placed/compacted in the excavation prior to placement of additional clean/backfill material brought from off-Site, as required by the Engineer.

3.02 FIELD SCREENING EXCAVATED MATERIAL:

- A. The Contractor shall perform field screening as described in Section 1 and Section 2 of this specification and as described herein.
- B. Contractor to provide services of one or more individuals to field screen excavated materials using a PID and XRF. The individual(s) shall have been adequately trained in the use of the PID. Jar headspace results shall be recorded on the Contractors daily excavation log.
- C. Maintenance and calibration data shall be recorded on the Contractor's daily excavation log and submitted to the Engineer.
- D. Material stockpiling shall be done in accordance with Paragraph 1.03(B) of this Section.

3.03 CHARACTERIZATION SAMPLING:

A. Disposal Characterization Sampling

- 1. All disposal characterization sampling and analysis performed by the Contractor shall be at no additional cost to the Owner.
- 2. The Contractor shall be responsible for sampling and characterizing the stockpiled excavated material for the purpose of obtaining approvals from the disposal/recycling facility(ies). The Contractor shall provide the Engineer with a minimum of 2-days notice prior to sampling and shall not sample unless Engineer's approval is received and the Engineer is present to witness the collection of the samples.
 - a. The Contractor shall perform all sampling and analysis of stockpiled excavated material as required by potential receiving facilities and this Section.
 - b. The Contractor shall collect additional samples to perform additional testing of the excavated material as required by the disposal/recycling facility(ies) at no additional cost to the Owner.
- 3. Samples will be collected from each segregated stockpile based on field screening results at a frequency of one sample per 250-cubic yards of each excavated material stockpile. Should the Contractor's disposal/recycling facilities require additional samples, the Contractor shall collect a sufficient number of samples to satisfy the requirements of the disposal facility. No separate payment will be made for sampling conducted by the Contractor for the purposes of disposal characterization.
 - a. The collected samples shall be submitted, at a minimum, for the following chemical analyses: total petroleum hydrocarbons (TPH) using modified EPA

Method 8100, semi-volatile organic compounds (SVOCs) using EPA Method 8270, volatile organic compounds (VOCs) using EPA Method 8260, RCRA 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) using Method 6010/7471, reactive cyanide and sulfide using EPA Method SW-846, Ignitability using modified EPA Method 1010, corrosivity using EPA Method 9045, and conductivity using EPA Method 120.1. Any samples found to contain contaminant concentrations equal to or greater than “20 times” their hazardous waste toxicity threshold (i.e., the 20-times rule) shall be analyzed for toxicity characteristic leaching procedure (TCLP).

4. Submit a copy of all chemical analyses and a tabulated summary of the data in Microsoft Excel format to the Engineer within 2-days of receipt of the laboratory report, per Paragraph 1.03.C of this Section.
5. Take samples in such a manner as not to cause any cross-contamination. All sampling equipment shall be decontaminated between usage.
6. All analyses shall be performed by a laboratory certified for such analyses by the State of Vermont.
7. The Engineer may stop the Contractor’s work in a particular location at any time in order to have samples taken and analyzed. If necessary, the Contractor shall assist the Engineer in collecting samples. The work shall not resume in that area until authorized by the Engineer. Stoppage of work for this reason, or until laboratory results are delivered to the Engineer, shall not be a cause for the Contractor to request additional compensation or an extension of time to the Contract or to other intermediate Contract deadlines.

B. Confirmatory Sampling

1. The Engineer shall collect and submit confirmatory soil samples from the bottoms and sides of excavation areas and send the results to the Contractor within two (2) weeks of collecting the soil samples. The Contractor shall anticipate excavating, stockpiling, disposing, and backfilling an additional 20% volume after confirmatory sampling results are received and reviewed by the Engineer.

3.04 TEMPORARY STOCKPILING OF EXCAVATED MATERIALS:

- A. The Contractor shall be allowed to stockpile excavated material on-Site if the conditions of this Section are met and after notifying the Engineer of potential stockpile location(s) as required in the EMMP and at least two (2) days prior to initial excavation. The Owner shall have final approval over all stockpile locations.

Stockpiled material must be removed and reused/disposed/recycled off-Site as soon as possible and in all cases within 90-days from the day of its initial excavation. If the conditions in this Section are not met, then the Contractor shall store excavated material in

water-tight containers, on-Site at an approved location, at no additional cost to the Owner pending reuse and/or transportation and disposal. The containers shall be constructed of steel, in good condition and approved by and labeled in accordance with the U.S. Department of Transportation and Vermont Agency of Transportation. The containers must be removed off-Site within 90-days from the first (1) day of excavation/generation.

- B. All excavated material shall be stored in a secure manner to prevent exposure to humans and the environment.
- C. The stockpiling or consolidating of excavated material near sensitive human health receptors such as public and private water supply wells or sensitive environmental receptors such as wetlands, surface water bodies, or marine environments shall be prohibited.
- D. All excavated material shall be placed entirely on 10-mil (minimum) NRPE or 20-mil (minimum) polyethylene sheeting, as indicated in Paragraph 2.04 of this Section, and shall be covered at the end of each day's work with the same material as to minimize the infiltration of precipitation, volatilization of contaminants and erosion of the stockpile. Any cover material used shall be properly secured and possess the necessary physical strength to resist tearing by the wind and other elements.
- E. The polyethylene sheeting/stockpiles shall be bermed around the edges to prevent any infiltration of stormwater or exfiltration of leachate.
- F. Any failure of materials or procedures used in employing the base layer or cover layer shall be immediately repaired, replaced or re-secured so as to minimize precipitation infiltration, volatilization, dust, and erosion/runoff of the excavated material.
- G. Movement and/or aeration of excavated material shall be limited to those activities that are necessary to manage such stockpiles.
- H. Transfer excavated material from the excavation to a stockpile area in a manner to prevent cross-contamination with other materials.
- I. Disposal of material that is contaminated as a result of careless handling or use of unauthorized procedures shall be disposed of off-Site at the Contractor's expense. Delays of Work resulting from temporary storage of excavated material, regardless of the classification, shall be at no additional cost to the Owner.
- J. Excavated material shall be reused on-site or disposed/reused/recycled off-Site per this Section within 90-days of initial excavation.
- K. The Contractor shall segregate excavated material into stockpiles per the results of the field screening and per the Engineer's requirements (see Paragraphs 1.03.B and 3.02) and no greater than 250-cubic yards. The Contractor shall collect the necessary samples of

stockpile material at that time for classification and after giving Engineer at least two (2) days notice of sampling.

- M. The stockpiles shall be clearly labeled and securely barricaded from contact by workers and the general public.

3.05 STOCKPILED MATERIAL CATEGORIES:

Material shall be excavated and stockpiled as described in Paragraph 1.03(B) of this Section. Based on the analytical results from the disposal characterization sampling, the stockpiled material will be categorized as follows:

- A. Group A – stockpiled material with contaminant concentrations less than USEPA Residential Regional Screening Levels.

1. The Contractor shall reuse Group A stockpiled material for backfill of excavations within the Limits of Work as required by the Engineer.
2. Disposal of all rubble shall be in accordance with these Specifications and all applicable local, State, and Federal regulations.

- B. Group B - stockpiled material with contaminant concentrations greater than or equal to Residential Regulatory Screening Levels (RSLs) that meets Vermont Department of Environmental Conservation (DEC) criteria for disposal/recycling at in-state or out-of-state unlined/or lined landfill, recycling or thermal desorption facility:

1. The Contractor shall handle and transport Group B material using material shipping records and/or Hazardous Waste Manifests. The Contractor shall submit the names and addresses of the proposed landfills or facilities, as required by the EMMP, to the Engineer and Owner for review and approval prior to transportation of Group B material.
2. Group B material shipped to a disposal/recycling facility must meet the selected facility's chemical and physical acceptance criteria. Selected facilities must be established, fully operational, appropriately insured, and be operating in compliance with all applicable local, State, and Federal regulations.
3. Group B material that meets the destination state's solid and hazardous waste regulations and the receiving facility's operating permit(s) may be used for daily cover, intermediate cover, and pre-cap contouring material or material shipped for disposal. This also includes material designated as a "special solid waste".
4. Group B material that meets the destination state's criteria for recycling or thermal desorption and the receiving facility's operating permit(s) may be transported to the selected facility given the selected facility must be established, fully operational,

appropriately insured, and be operating in compliance with all applicable local, State, and Federal regulations.

C. Group C (not known to be present at the Site) – stockpiled material with contaminant concentrations above Residential Industrial Regional Screening Levels that **does not meet** Group A or Group B criteria and contains a listed or characteristic hazardous waste according to the State and Federal regulations listed in Paragraph 1.04 of this Section:

1. The Contractor shall transport Group C material for off-Site disposal or treatment at a TSCA approved treatment and disposal facility.
2. Group C material shall be handled and transported using an EPA Uniform Hazardous Waste Manifest. The Contractor shall submit the names and addresses of the proposed landfills or facilities, as required by the EMMP, to the Engineer and Owner for review and approval prior to transportation of Group C material.
3. Group C material must meet the selected facility's chemical and physical acceptance criteria. Selected facilities must be established, fully operational, appropriately insured, and be operating in compliance with all applicable local, State, and Federal regulations.

D. The Contractor will not be allowed to dispose excavated material at disposal facilities listed in the EPA Superfund Program.

3.06 WEIGHT AND MEASUREMENT:

- A. The Contractor shall provide certified tare and gross weight slips for each load received at the accepted facility and these shall be attached to each returned shipping document (i.e. material shipping record, Hazardous Waste Manifest, etc.) within 21 days of obtaining final signatures.

3.07 WASTE PROFILES AND MANIFESTS:

- A. The Contractor shall prepare and submit to the Engineer for review all waste profile applications and questionnaires, and coordinate with disposal facilities and all Federal and State Environmental Agencies.
- B. The Contractor shall prepare all shipping documents (i.e. material shipping record, Hazardous Waste Manifest, etc.) with all applicable analytical backup, notification, and control forms.
- C. The Contractor shall also provide certified tare and gross weight slips for each load received at the designated facility which shall be attached to each returned shipping document (i.e. material shipping record, Hazardous Waste Manifest, etc.) within 21 days of obtaining final signatures.

- D. The Owner will be designated as generator and will sign all manifests and waste profile application or questionnaires.
- E. The Contractor shall furnish all generator copies of the Hazardous Waste Manifest to the Owner for submittal to the appropriate regulatory agencies and to retain for the Owner's records.
- F. The Contractor shall submit to the Engineer, prior to receiving progress payment, documentation certifying that all materials were transported to, accepted, and disposed of, at the selected disposal facility(ies). The documentation shall include the following, as a minimum.
 - 1. Documentation shall be provided for each load from the Site to the disposal facility, including all manifests and any other transfer documentation as applicable.
 - 2. All documentation for each load shall be tracked by the original manifest document number that was assigned by the Engineer at the Site.
 - 3. All ORIGINAL signatures (including signatures of Owner and disposal facility's representative) associated with shipment of any material from the Site under shipping documents (i.e. material shipping record, Hazardous Waste Manifest, etc.) within 21 days of obtaining the final signatures

3.08 TRANSPORT OF EXCAVATED MATERIAL:

- A. The Contractor shall not be permitted to transport stockpiled materials off-Site until all applicable disposal, or recycling facility documentation has been received, reviewed, and approved by the Engineer. The Contractor shall transport the excavated material under a material shipping record or Hazardous Waste Manifest and the requirements of this Section.
- B. The Contractor shall take all precaution and any actions necessary, at no additional cost to the Owner, to prevent cross-contamination from transport vehicles to areas outside the site. The Contractor shall decontaminate equipment and vehicles as specified in Section 01570 - Environmental Protection.
- C. The Contractor shall transport excavated materials from the Site to the storage, disposal, reuse of recycling facility or off-Site reuse location in accordance with all United States Department of Transportation (DOT), USEPA, Vermont Agency of Transportation, Vermont DEC, and applicable State and local regulations.
- D. The Hauler(s) shall be licensed in all states affected by transport.
- E. The Contractor shall be responsible for ensuring that free liquid is properly transported. "Wet soils" shall not be loaded for transport. The Contractor shall dewater "wet soils", and properly dispose of free liquid in accordance with local, State, and Federal

regulations and at no additional cost to the Owner. The Contractor shall also dispose of any free liquids that may result during transportation in accordance with local, State, and Federal regulations and at no additional cost to the Owner.

- F. Temporary stockpiled material must be removed from the Site within 90 days; however, no later than the completion date of this Contract as may be extended.
- G. Transporters shall submit proof of permit, license, or authorization to transport excavated material, when applicable, in all affected states.
- H. Utilization of a Hazardous Waste Manifest shall require the use of a licensed hazardous material transporter.

3.09 DISPOSAL:

- A. Group B and Group C stockpiled material shall be disposed of at an approved facility as specified in Paragraph 3.05 of this Section and in accordance with all Federal, State and Local regulations.
- B. The Contractor shall perform analyses on the stockpiled material as necessary to fulfill any disposal testing requirements of the approved facility.
 - 1. The Contractor shall bear all costs incurred in sampling and analyses for those tests required by the facility in excess of those specified in this Section.
 - 2. The Contractor shall submit a copy of all sampling analyses to the Engineer within two (2) days of receipt of the laboratory report. Analytical data shall be kept confidential, distributed to the Engineer only.
- C. The Contractor shall provide to the Engineer copies of all weight slips, both tare and gross, for every load weighed and disposed of at the approved facility. The slips shall be tracked by the original manifest document number that was assigned by the Engineer at the Site. The Engineer shall make progress payments after receipt of these weight slips.

3.10 LOGS, REPORTS, AND RECORDKEEPING:

- A. The Contractor shall maintain daily logs and reports covering the work to be performed for this Section of the Contract. The format shall be developed by the Contractor to include daily logs, weekly reports, and a phase out report. Contractor shall provide Engineer with copies of all logs and reports on a weekly basis in a Microsoft Excel spreadsheet format.
- B. Daily Logs shall include, at a minimum, the following:
 - 1. Date
 - 2. Area (Site specific) of work being performed
 - 3. Equipment being utilized by employees

4. Type of work performed
 5. References to material shipping records, Hazardous Waste Manifests, and waste profiles
 6. Stockpile locations, sample locations, and sample identifications
 7. Details and documentation of excavated materials management including excavated material from stockpiles to be used as backfill
 8. Protective clothing being worn by employees
 9. Project manager's signature and date
- C. Weekly Reports shall include, at a minimum, the following:
1. A summary of the work performed during the week
 2. Copies of the daily logs.
- D. Phase Out Report shall include, at a minimum, the following:
1. Summary of work performed under this Section of the Contract
 2. Copies of all material shipping records, Hazardous Waste Manifests, and waste profiles
 3. Laboratory reports and plans indicating sample locations
 4. Contractor's signature and date

END OF SECTION

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SECTION 02315

EXCAVATION, BORROW AND BACKFILL

PART 1 - GENERAL

1.01 WORK INCLUDED:

- A. Under this Section, the Contractor shall furnish all labor, materials, equipment and transportation required to complete Excavation, Borrow and Backfill work indicated on the drawings, as designated by the Engineer, or as specified herein, to complete all proposed work.
- B. The Contractor is to assume that all materials excavated are contaminated as indicated in the Corrective Action Plan – Self-Implementing On-Site Cleanup Plan (CAP-SIP) and shall require: proper health and safety measures to protect site workers; and proper excavation, staging and loading of soils into trucks for off-Site transportation and disposal. Additionally the Contractor shall be aware of all other potential hazards on the Site including the area under the former hydraulic lift which is contaminated with diesel range total petroleum hydrocarbons.
- C. Without limiting the generality thereof, Excavation, Borrow and Backfill shall include excavating, furnishing borrow materials as necessary and back-filling for the construction of all proposed work from existing grades to finished grades.
- D. Work under this Section shall also include selective clearing and grubbing. No materials may be disposed or burned on Site.

1.02 RELATED WORK:

- A. Section 02920, LOAMING AND SEEDING

1.03 REFERENCE STANDARDS AND SPECIFICATIONS:

- A. References to specific standards, specifications and tests of the following technical societies, organizations, and governmental bodies may be made in the contract documents.
 - 1. AASHTO - American Association of State Highway and Transportation Officials (tests or specifications).
 - 2. ASTM - American Society for Testing and Materials.
 - 3. VTRANS Standard Specs. - Latest edition of the Standard Specifications for

Construction Book, Vermont Agency of Transportation, hereinafter referred to as the "Vermont Standard Specifications."

1.04 SAMPLING AND TESTING:

- A. Contractor shall furnish at least one sample per 100 cubic yards of each material to be laboratory tested. The Contractor shall pay for these tests regardless of their results.
- B. Test results shall be submitted directly to the Engineer by a Certified Testing Laboratory to be approved by the Engineer. No material shall be re-used or furnished until the Engineer's approval is given.

1.05 SPECIAL REQUIREMENTS:

- A. The Contractor shall inform and satisfy himself as to the character, quantity, and distribution of all material to be excavated. No payment will be made for the placement of any excavated material that is used for purposes other than those designated and as specified herein. Further, these shall be removed at no cost to the Owner if so directed by the Engineer.
- B. The Engineer shall have final determination over the excavation, moving, placing and disposition of all materials, and shall determine the suitability of materials to be placed in excavated areas.
- C. Unsuitable and/or excess excavated materials shall be removed and properly disposed of in legal disposal areas off of the site at no additional cost to the Owner.
- D. Exploratory excavation to locate existing utilities or obstructions shall be at the Contractor's discretion to assist him in the work of this project and no extra payment shall be made for such verification. Although extra payment is not considered, lack of such payment does not constitute a waiver of the Contractor's responsibility to verify all utilities. The contractor must ensure verification of existing services and ensure the safety of the Contractor's work forces.

1.06 SUBMITTALS/COORDINATION:

- A. The Contractor shall furnish all necessary submittals, certifications, bill-of-lading forms and/or hazardous waste manifests as to Certified Testing Laboratory, disposal sites, etc.
- B. The Contractor shall furnish a schedule to Engineer and communicate effectively regarding activities to occur on Site.
- C. The Contractor shall furnish a Soil Management Plan that details the means of conducting the soil excavation and restoration in accordance with the approved

Corrective Action Plan. This plan shall also include erosion control practices that will be implemented to provide erosion prevention and sediment control and ensure there will be no migration of potentially contaminated soil into clean areas or to the river.

- D. The Contractor shall notify Digsafe at 1-888-344-7233 at least seventy-two (72) hours prior to initiating excavation.

PART 2 - PRODUCTS

2.01 SUITABLE BACKFILL

- A. All materials to be placed where Drawings call for "Type A Backfill", shall be natural soil, well-graded and free from all organic weak, compressible, and frozen materials, and shall contain no stone larger than four (4) inches in maximum dimension. It shall be of such nature and character that it can be dried and compacted and shall be free of all expansive materials (such as high plastic clays) and of materials subject to decay, decomposition, or dissolution, and shall conform to the following gradations:

<u>U.S. Sieve No.</u>	<u>Total Percent Passing by Weight</u>
4 inch	100
#4	20-75
#40	0-25
#200	0-5

2.02 GRAVEL BORROW:

All references to "Processed Gravel", "Gravel Borrow", or "Gravel" shall conform to the following:

- A. All proposed gravel areas, utilizing salvaged or furnished materials shall conform to Vermont Standard Specifications Section 704.04 with maximum stone size two (2) inches in dimension, and shall consist of inert material that is hard, durable stone and coarse sand, free from loam and clay, surface coatings, and deleterious materials.
- B. Gradation requirements for gravel borrow shall be determined by AASHO-T11 and T27 and shall conform to the following:

<u>U.S. Sieve No.</u>	<u>Total Percent Passing by Weight</u>
2"	100
1/2"	50-85
#4	40-75
#50	8-28
#200	0-6

2.03 SAND BORROW:

- A. The Sand Borrow shall consist of inert material that is hard durable coarse sand, free from loam, clay, roots, trash, frozen materials and other deleterious or organic materials. The sieve gradation requirements shall conform to the following:

<u>U.S. Sieve No.</u>	<u>Total Percent Passing by Weight</u>
#4	100
#6	55-80
#50	10-25
#100	2-8
#200	0-2

PART 3 - EXECUTION

3.01 EXCAVATION, FILLING AND LOADING:

- A. Excavation and filling shall be executed to such depth that sufficient material will be left above the designated grade to allow for specified compaction to the required sub-grade. Should the Contractor, through negligence or other fault, excavate below the designated lines, he shall replace such excavation with approved materials, in an approved manner and condition, at his own expense.
- B. When the plans require excavation in areas in proximity to existing sidewalks, structures and utilities, it shall be the responsibility of the Contractor, at his own expense, to provide adequate and suitable drainage away from proposed work and existing features or use other satisfactory means and methods to protect and maintain the stability of such construction within or adjacent to the limits of work.
- C. Contractor shall maintain integrity of clean areas on site. Areas used for staging and loading for off-site transportation and disposal shall not be contaminated by Contractor. Any soils determined by Engineer to have been contaminated by Contractor outside of the limits shown on the drawings shall be removed, replaced and disposed of by the Contractor at no expense to the Owner.
- D. Protect all existing trees, shrubs or other plan referenced features to remain. Hand excavate around all items to remain including tree roots or where utilities must be verified. Exposed tree roots shall be immediately covered with Loam Borrow in

accordance with these specifications.

- E. No roots greater than two (2) inches in diameter shall be cut from trees to remain without approval of the Engineer. Roots greater than one-half (1/2) inch in diameter that are cut or broken shall be promptly pruned to a smooth clean cut and painted with an approved compound.
- F. Any removal of existing facilities required in order to achieve the excavation to proceed, such as fences, walls, walkways, etc., shall be accomplished by the Contractor at no additional cost to the Owner. Restoration of these facilities shall be to a condition equal to that before removal, and safe and operational to the satisfaction of the Engineer.
- G. Excavation shall be performed to the lines, grades, and elevations shown on the plans or as directed by the Engineer, and shall be made in such a manner that the requirements for formation of the subgrade can be followed.
- H. No excavation shall be started until the Engineer has reviewed and acknowledged the area of proposed construction. All material encountered, of whatever nature within the limits indicated, shall be removed and disposed of as directed. During the process of excavation, the grade shall be maintained in such condition that it will be well drained at all times.
- I. The planes at the bottom of the excavation (in cut), or the top of the fill, when completed, shall be known as the subgrade, and shall be true to the lines, grades and cross section shown on the plans, to allow proposed work (base courses and finished courses) to be completed.
- J. The removal of existing structures and utilities required to permit the orderly prosecution of the work shall be accomplished by the Contractor as directed and under this Section, unless otherwise shown on the plans. All existing foundations and structures shall be excavated to at least three (3) feet below the bottom of the proposed subgrade and the material properly disposed of off site. All such excavations shall be back-filled with Suitable Backfill and compacted. Floors of structures to be abandoned shall be broken, to ensure drainage, at no additional cost.
- K. All unsuitable excavated material shall be legally disposed of outside of, and away from, the project limits. All suitable excavated material deemed surplus by the Engineer shall become the property of the Contractor and shall be properly removed from the site.
- L. After the areas to receive loam borrow have been brought to subgrade, and immediately prior to placing and spreading such material, the subgrade shall be loosened by discing or rototilling to a depth of at least three inches to permit bonding of the finished material to the subgrade material. Then place and spread the loam

borrow or skinned infield material to the depths required by the Drawings to establish finish grades. Refer to Screened Loam Specifications and Skinned Infield Mix Specifications (as applicable).

- M. Protect all existing areas against damage due to the work under this Contract, and perform all repair and replacement work to any such areas which are damaged hereunder.
- N. No extra work shall be initiated without notification of the Engineer in writing, and the written approval of the Engineer in response.
- O. The Contractor shall be responsible for any and all pumping or bailing necessary to complete his operations, and to keep all areas sufficiently dry to guarantee compaction.

3.04 TRENCH HAND EXCAVATION:

- A. When approaching the vicinity of the dripline of trees to remain, any roots from vegetation on abutting properties, underground pipes, conduits, or other structures, or any suspected functioning underground features, digging by machinery shall be discontinued and the excavation shall be done by hand. Hand excavation shall also be undertaken when so directed by the Engineer. Such hand excavation shall be considered incidental to the trench excavation and no additional compensation will be allowed.
- B. Protection of Existing Structures - All existing pipes, conduits, poles, wires, fences, curbs, property line markers, and other structures which, in the opinion of the Engineer, are not required to be changed in location, shall be carefully supported and protected from injury by the Contractor, and in case of damage, they shall be restored by the Contractor without additional compensation, to as good a condition as that in which they were found.

3.06 COMPACTION:

- A. All backfill to subgrade, shall be compacted in 6-inch lifts to not less than ninety-five percent (95%) of the maximum dry density of the material as determined by the Standard AASHTO-T99, Standard Proctor Test.
- B. All tests for compaction shall be as ordered by the Engineer and paid for by the Contractor, regardless of their result.

END OF SECTION

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SECTION 02920

LOAMING AND SEEDING

PART 1 - GENERAL

1.01 WORK INCLUDED:

- A. This section covers all labor, materials, and equipment necessary to do all loaming, seeding and related work as indicated on the drawings and as herein specified.
- B. All disturbed areas shall be covered with loam as herein specified.
- C. Erosion control practices shall include silt fencing, and restored areas shall be seeded and mulched. Restoration along top of bank for the last 10 feet towards the river shall be stabilized with double-net straw blanket.

1.02 RELATED WORK:

- A. Section 02315, EXCAVATION, BORROW AND BACKFILL

1.03 QUALITY ASSURANCE:

- A. Contractor shall submit at least one representative sample of loam to an approved testing laboratory and have the following tests conducted:
 - 1. Organic concentration
 - 2. pH
 - 3. Nitrogen concentration
 - 4. Phosphorous concentration
 - 5. Potash concentration
- B. These tests shall be at the Contractor's expense. Test results, with soil conditioning and fertilizing recommendations, shall be forwarded to the Engineer.

1.04 SUBMITTALS: IN ACCORDANCE WITH REQUIREMENTS OF GENERAL SPECIFICATIONS, SUBMIT THE FOLLOWING:

- A. Six sets of information detailing the seed mixes, fertilizers, mulch material, slope protection material (if required) and origin of loam shall be submitted to the Engineer for review.
- B. Three sets of test results shall be submitted to the Engineer for review.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. LOAM:

1. Loam shall be a natural, fertile, friable soil, typical of productive soils in the vicinity, obtained from naturally well-drained areas, neither excessively acid nor alkaline, and containing no substances harmful to grass growth. Loam shall not be delivered to the site in frozen or muddy condition and shall be reasonably free of stumps, roots, heavy or stiff clay, stones larger than 1 inch in diameter, lumps, coarse sand, noxious weeds, sticks, brush or other litter.
2. The loam shall contain not less than 4 percent nor more than 20 percent organic matter as determined by the loss of weight by ignition of oven-dried samples. Test samples shall be oven-dried to a constant weight at a temperature of 230 degrees F.

B. LIME:

Lime shall be standard commercial ground limestone containing at least 50 percent total oxides (calcium oxide and magnesium oxide), and 50 percent of the material must pass through a No. 100 mesh sieve with 98 percent passing a No. 2 mesh sieve.

C. FERTILIZER:

Fertilizer shall be commercial fertilizer, 10-10-10 fertilizer mixture containing at least 40 percent of organic nitrogen. It shall be delivered to the site in the original sealed containers, each showing the manufacturer's guaranteed analysis. Fertilizer shall be stored so that when used it will be dry and free flowing. No fertilizer shall be used which has not been marketed in accordance with State and Federal Laws, relating to fertilizers.

D. MULCH:

1. Materials to be used in mulching shall conform to the following requirements:
2. Hay Mulch - Hay Mulch shall consist of mowed and properly cured grass, clover or other acceptable plants. No salt hay shall be used.
3. Straw Mulch - Straw Mulch shall consist of stalks or stems of grain after threshing.
4. Wood Fibre Mulch - Wood Fibre Mulch shall consist of wood fibre produced from clean, whole uncooked wood, formed into resilient bundles having a high degree of internal friction and shall be dry when delivered to the project.

E. SEED:

1. Seed shall be of an approved mixture, the previous year's crop, clean, high in germinating value, a perennial variety, and low in weed seed. Seed shall be obtained from a reliable seed company and shall be accompanied by certificates relative to mixture purity and germinating value.
2. Grass seed for lawn areas shall conform to the following requirements:

	Proportion by Weight	Germination Purity	Purity Minimum
Chewing's Fescue	30%	70%	97%
Kentucky 31 Fescue	30%	90%	98%
Kentucky Blue Grass	20%	80%	85%
Domestic Rye Grass	20%	90%	98%

Grass seed for cross-country areas, slopes and other areas not normally mowed shall conform to the following requirements:

	Proportion by Weight	Germination Minimum	Purity Minimum
Creeping Red Fescue	50%	85%	95%
Kentucky 31	30%	85%	95%
Domestic Rye	10%	90%	98%
Red Top	5%	85%	92%
Ladino Clover	5%	85%	96%

F. TEMPORARY COVER CROP:

1. Temporary cover crop shall conform to the following requirements:

	% Weight	Germination Minimum
Winter Rye	80 min.	85%
Red Fescue (creeping)	4 min.	80%
Perennial Rye Grass	3 min.	90%
Red Clover	3 min.	90%
Other Crop Grass	0.5 max.	
Noxious Weed Seed	0.5 max.	
Inert Matter	1.0 max.	

G. SLOPE EROSION PROTECTION:

1. Erosion control blanket shall be 100% degradable plastic mesh with 100% degradable straw or straw/coconut fill. Fill shall be held together by degradable fastening. Weight shall be 0.50 lb/sq. yd. The erosion control blankets shall be by North American Green, Evansville, IN or approved equal. For slopes 2:1 or greater, Model SC150 shall be used. For slopes less than 2:1, Model S150 shall be used.
2. Six inch wire staples shall be placed according to manufacturers recommendations to anchor the mesh material. Staples shall be designed to decompose.

PART 3 - EXECUTION

3.01 SURFACE PREPARATION:

- A. After approval of rough grading, loam shall be placed on areas affected by the Contractor's operations. Loam shall be at least 6 inches compacted thickness.
- B. Lime shall be applied to bring the pH to 6.5 or, without a soil test, at the rate of 2-3 tons of lime per acre.
- C. Fertilizer shall be applied according to the soil test, or without a soil test, at the rate of 1000 pounds per acre.
- D. Loam shall be worked a minimum of 3 inches deep, thoroughly incorporating the lime and fertilizer into the soil. The loam shall then be raked until the surface is finely pulverized and smooth and compacted with rollers, weighing not over 100 pounds per linear foot of tread, to an even surface conforming to the prescribed lines and grades. Minimum depth shall be 6-inches after completion.

3.02 SEEDING:

- A. Seeding shall be done when weather conditions are approved as suitable, in the periods between April 1 and May 30 or August 15 to October 1, unless otherwise approved.
- B. If there is a delay in seeding, during which weeds grow or soil is washed out, the Contractor shall remove the weeds or replace the soil before sowing the seed, without additional compensation. Immediately before seeding is begun, the soil shall be lightly raked.
- C. Seed shall be sown at the approved rate, on a calm day by machine.
- D. One half the seed shall be sown in one direction and the other half at right angles. Seed shall be raked lightly into the soil to a depth of 1/4 inch and rolled with a roller weighing not more than 100 pounds per linear foot of tread.

- E. The surface shall be kept moist by a fine spray until the grass shows uniform germination over the entire area. Wherever poor germination occurs in areas larger than 3 sq. ft., the Contractor shall reseed, roll, and water as necessary to obtain proper germination.
- F. The Contractor shall water, weed, cut and otherwise maintain and protect seeded areas as necessary to produce a dense, healthy growth of perennial lawn grass.
- G. If there is insufficient time in the planting season to complete the fertilizing and seeding, permanent seeding may be left until the following planting season, at the option of the Contractor or as required by the Engineer. In that event, a temporary cover crop shall be sown. This cover crop shall be cut and watered as necessary until the beginning of the following planting season, at which time it shall be plowed or harrowed into the soil, the area shall be fertilized and the permanent seed crop shall be sown as specified.

3.03 PLACING MULCH:

- A. Hay or Straw Mulch shall be loosely spread to a uniform depth over all areas designated on the plans, at the rate of 4-1/2 tons per acre, or as otherwise required.
- B. Hay or Straw Mulch may be applied by mechanical apparatus, if in the judgment of the Engineer the apparatus spreads the mulch uniformly and forms a suitable mat to control slope erosion. The apparatus shall be capable of spreading at least 80 percent of the hay or straw in lengths of 6-inches or more, otherwise it shall be spread by hand without additional compensation.
- C. Wood Fibre Mulch shall be uniformly spread over certain selected seeded areas at the minimum rate of 1,400 pounds per acre unless otherwise required. It shall be placed by spraying from an approved spraying machine having pressure sufficient to cover the entire area in one operation.

3.04 SEEDING AND MULCHING BY SPRAY MACHINE:

- A. The application of lime, fertilizer, grass seed and mulch may be accomplished in one operation by the use of an approved spraying machine. The materials shall be mixed with water in the machine and kept in an agitated state in order that the materials may be uniformly suspended in the water. The spraying equipment shall be so designed that when the solution is sprayed over an area, the resulting deposits of lime, fertilizer, grass seed and mulch shall be equal to the specified quantities.
- B. A certified statement shall be furnished, prior to start of work, to the Engineer by the Contractor as to the number of pounds of limestone, fertilizer, grass seed and mulch per 100 gallons of water.
- C. This statement should also specify the number of square yards of seeding that can be covered with the solution specified above. If the results of the spray operation are

unsatisfactory, the Contractor will be required to abandon this method and to apply the lime, fertilizer, grass seed and mulch by other methods.

3.05 INSPECTION AND ACCEPTANCE:

At the beginning of the planting season following that in which the permanent grass crop is sown, the seeded areas will be inspected. Any section not showing dense, vigorous growth at that time shall be promptly reseeded by the Contractor at his own expense. The seeded areas shall be watered, weeded, cut and otherwise maintained by the Contractor until the end of that planting season, when they will be accepted if the sections show dense, vigorous growth.

END OF SECTION

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APPENDIX F

SITE SPECIFIC HEALTH AND SAFETY PLAN

Morrisville Water and Light Former Gristmill-Creamery

36 and 56 A Street

Morrisville, Vermont

March 2012

Prepared For:
Lamoille County Planning Commission

Prepared By:
Weston and Sampson Engineers, Inc.
Waterbury, Vermont

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1. Introduction

This Health and Safety Plan (HASP) has been prepared by Weston and Sampson Engineers, Inc., (WSE) on behalf of the Lamoille County Planning Commission (LCPC) at the former Morrisville Water and Light Gristmill-Creamery Site in Morrisville, Vermont (the “Site”). This HASP is intended to address Health and Safety issues that may be encountered by WSE employees during Site activities related to the CAP/SIP implementation. WSE employees working on this Project will review this HASP and indicate acceptance in **Attachment A**. In addition, a copy of this HASP will be kept on Site during all field activities.

It is the responsibility of each contractor to develop and implement a HASP in accordance with each company’s health and safety policies in addition to state and federal regulations.

2. Project Name and Location

The Site is located at 36 and 56 A Street in the Town of Morrisville, Lamoille County, Vermont. The current property consists of an approximately 1.02 acre parcel in the southwest end of the Village of Morrisville, an area of dense residential, retail, and commercial development. General property characteristics are highlighted below:

Owner:	Morrisville Water & Light Department (MWL)
Business Name:	Property not currently occupied
Parcel ID:	21023: 56 A Street and 36 A Street
Latitude / Longitude:	44° 33' 43" North / 72° 36' 4" West
Elevation:	655 feet +/- above sea level
Lot Size:	1.02 acres
Zoning:	Central Business District
Primary Building	“Gristmill” on 56 A Street – also referred to as Building No. 1
Structures:	“Creamery” on 36 A Street – also referred to as Building No.2 “Garage” – also referred to as Ford Building and Building No.3
Utilities:	Water: municipal available (not connected) Sewer: municipal available (not connected) Electricity: minimal service to buildings Heating: none

The Site is located on the north side of A Street, bordered to the north and west by the Lamoille River and MWL dam; to the north and east by vacant land with an old foundation; and to south across A Street by the Morristown Historical Society Noyes House Museum. The Site is accessible by a driveway from the south on A Street. The driveway traverses between the Gristmill and Creamery leading back to the Garage. At the Garage, the driveway transitions into a footpath leading off Site to the northeast along the Lamoille River.

3. Description of Project Site

The Site has been owned by the current owner since 1920 and historical records show development as early as the 1800’s with multiple changes in Site use over the years. There are

**Health and Safety Plan
MWL Gristmill-Creamery
36 and 56 A Street, Morrisville, Vermont**

three structures on the 1.02 acre parcel, including: the “Gristmill,” “Creamery,” and “Garage”. Other names for the Gristmill have been #56 and Building No.1; for the Creamery have been #36 or Building No.2, and the Garage as the Ford Building.

<u>Structures:</u>	<u>Approximate Area</u> (sq.ft.)
Gristmill	3,635
Creamery	4,135
Garage	660 (removed)

Source: Ruskey Knauf, 2003

The Gristmill Building is not in active use with the exception of storage of a small amount of office related materials including shelving units. Historically, the Gristmill Building was used to store transformers and insulators that likely contained oil with PCBs. The Creamery Building does not appear to be in active use besides as storage, with a number of water valves, piping and miscellaneous materials were found on various floors, including in the basement. The Garage is not being actively utilized. All three buildings are kept padlocked.

4. Project Organization

A. Lamoille County Planning Commission:

Bonnie Waninger, Executive Director
(802) 888-4548

B. WSE Contacts:

Kenneth J. Bisceglia, P.E., CHMM, Project Manager
(802) 244-5051

Kevin K. McAleer, P.G., Health & Safety Coordinator
(802) 244-5051

Any Project-related injuries or accidents shall be reported to the Project Manager within 24 hours of occurrence.

C. WSE Field Contacts:

Martin Lee, E.I.T., Construction Oversight
(802) 244-5051

D. Contractor:

TBD

5. Project Staff

WSE personnel are responsible for their personal health and safety and that of their colleagues, and must adhere to the procedures established in this plan. Personnel shall maintain an awareness of Site conditions and exercise sound judgment when confronted with an unsafe and/or (potentially) hazardous condition. If the procedures identified in this HASP do not address an unsafe and/or (potentially) hazardous condition present at the Site, then WSE personnel shall follow a safe course of action and contact the Project Manager or Health & Safety Coordinator.

6. Description of Work

WSE may be providing oversight services during the implementation of the Corrective Action Plan/Self-Implementing On-Site Cleanup Plan (CAP/SIP). These activities are limited to observing and documenting of field observations related to removal and disposal of soils and flooring. The types of contaminants found to exceed cleanup criteria include: PCBs, TPH and metals (lead and arsenic).

Exposure to contaminants by WSE staff is considered low. If conditions outside the scope of the activities described in this section are to be performed, a description of such activities shall be provided in a Task Order-Specific HASP Addendum. The major tasks to be completed under this HASP are the following: observation and documentation of Site work related to the CAP/SIP.

7. Hazard Evaluation and Control

This section of the HASP presents an analysis of potential physical, chemical and biological hazards that may be encountered during the above referenced Site activities. The evaluation of expected hazards is based upon knowledge of the Site and anticipated risks posed by the specific operations by WSE Project staff.

Overall Hazard Evaluation Checklist (check all that apply)

Overall Hazard Estimation:	Serious	Moderate	√ Low	Unknown
Primary Route(s) of Exposure:	√ Dermal	√ Inhalation	Ingestion	Puncture
Primary Hazard Estimation:	Serious	Moderate	√ Low	Unknown
Secondary Route(s):	Dermal	Inhalation	√ Ingestion	√ Puncture
Secondary Hazard Estimation:	Serious	Moderate	√ Low	Unknown
Contaminant Location(s):	√ Surface Surface Water	√ Subsurface Sediment	√ Soil Soil Gas	Groundwater Tanks
Waste Type:	Liquid	√ Solid	Sludge	Vapor
Waste Characteristic:	Volatile Corrosive	√ Toxic Radioactive	Reactive Persistent	Combustible Unknown
Safety Hazard(s):	√ Equipment √ Lifting √ Water Other (list):	√ Noise (dB) Cold Stress √ Eyes √ Head	√ Slips/Falls √ Heat Stress Fire/Burns Biological	Confined Space √ Heights Cave-in √ Foot

MONITORING EQUIPMENT (check all that apply):

PID 10.6eV	PID 11.8eV	FID
colorimetric tubes	H ₂ S	HCN
dust/particulate/aerosol	radiation meter	dosimeter badge
field/lab GC or GC/MS	pH	√ Other (list):
		XRF Screening and
		Lumex Mercury Analyzer
landfill gas meter (%LEL, %CH ₄ , %O ₂ , %CO ₂ , H ₂ S ppm, temp., bar. pres.)		

EMERGENCY EQUIPMENT (check all that apply):

√ First Aid Kit	# Eye Wash	Fire Extinguisher
Emergency Spill Response Kit		
Other (list): _____		

Notes:

√ - required element of monitoring
- may be used if conditions warrant
- not anticipated to be used

TASK SPECIFIC HAZARD EVALUATION AND CONTROLS FOR WESTON & SAMPON EMPLOYEES		
Activity	Potential Hazards	Personal Protective Equipment
General	• active roadway adjacent to Site • use caution with traffic • maintain good visibility and awareness • Site is adjacent to dam and the Lamoille River so extreme caution is necessary • Maintain safe distance from steep slopes adjacent to the dam and the river	Level D
Construction Oversight	• chemical – PCBs, Metals and Hydrocarbons • bio-hazard - bird and animal waste present within the buildings may present a respiratory issue during remediation activities • Buildings have recognized structural deficiencies • When working inside the Site buildings use extreme caution • Monitor the buildings for any visible changes in building condition • Ensure proper shoring techniques are in use when observing flooring demolition activities	Level D (Potentially Level C)

8. Chemical Contaminants and Exposure Standards

During this investigation, Site workers may come in contact with a variety of contaminants at this Site. Since WSE's role is limited to oversight activities the risk to exposure is low. This may not be the case for the Contractor and as such, each Contractor shall have their own company HASP and ensure that their employees are in full compliance of such HASP. It is not the responsibility of WSE to administer health & safety guidance to the Contractor.

The following table represents a list of potential contaminants that may be encountered during work at this Site.

CHEMICAL CONTAMINANTS AND EXPOSURE STANDARDS

Pollutant Class	Compound	OSHA PEL	NIOSH/TL V-TWA	IDLH	Exposure Routes	Symptoms of Exposure
PCBs	Multiple Aroclors	0.5 mg/m ³	0.5 mg/m ³	5 mg/m ³	inhalation, ingestion, skin and/or eye contact	Irritated eyes, chloracne, liver damage, reproductive effects
Total Hydrocarbons	Gasoline	N/A	N/A	N/A	Inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, mucous membrane
Total Hydrocarbons	Benzene	TWA 1 mg/m ³ ST 5 mg/m ³	TWA 0.1 mg/m ³ ST 1 mg/m ³	500 mg/m ³	Inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, respiratory system
Metals	Lead	0.05 mg/m ³	0.05 mg/m ³	100 mg/m ³	inhalation, ingestion, skin and/or eye contact	Weakness; pallor
Metals	Arsenic	0.01 mg/m ³	0.002 mg/m ³	5 mg/m ³	inhalation, ingestion, skin and/or eye contact	Ulceration of nasal septum, dermatitis
Biological	Histoplasma capsulatum (commonly found in bird and bat fecal material)	N/A	N/A	N/A	primarily inhalation	malaise (a general ill feeling), fever, chest pain, dry or nonproductive cough, headache, loss of appetite, shortness of breath, joint and muscle pains, chills, and hoarseness

9. General Safety

Contractor shall perform all activities associated with the Project according to general safety standards required by the OSHA and VOSHA programs. This shall include, but not be limited to, VOSHA standards regulating potential hazards from slips, trips, and falls, electrical safety, fire safety, ladder and scaffolding safety, emergency egress, and confined spaces. All equipment used throughout the duration of the Project shall be VOSHA approved, including, but not limited to, ladders, scaffolding, and electrical equipment.

- A stocked first aid kit shall be maintained on Site.
- Fire protection, if deemed necessary, shall include an adequate number of fully charged fire extinguishers (A, B and C rated).

Personnel should adhere to the following safe work practices when conducting sampling and over sight activities:

- Prevent skin and eye contact.
- Immediately wash skin after contact with contaminated items.
- Remove wet or contaminated clothing.
- Use eyewash/quick drench facilities, as needed.

10. Electrical Safety

Electricity required for the work will be from a portable generator. Energized equipment/tools must be equipped with Ground Fault Circuit Interrupter (GFCI) protection throughout the duration of the work. All electrical services and connections shall be performed in accordance with applicable Federal, State, and local electrical code/electrical safety requirements and VOSHA requirements for temporary electrical systems.

11. Hazardous Wastes, Materials and Substances

All hazardous wastes, hazardous materials, and hazardous substances used or encountered throughout the duration of the work shall be handled according to procedures required by appropriate Federal, State, and Local agencies. MSDSs shall be maintained on-Site at all times for all materials with hazardous components, which are used throughout the duration of the work. Reasonable efforts shall be made to protect employees and building occupants from hazardous wastes, materials, and substances, which are used or encountered during the work.

12. Other Physical Hazards

Wet weather conditions can present slip, trip, and fall hazards. Exposure to vehicles can potentially contact personnel and equipment, and can impair visual communications. Noises from equipment and vehicles can be uncomfortable for personnel and can impair verbal communications.

Work may be performed in variable weather conditions; therefore clothing should protect personnel from the weather elements, without violating the assigned level of protection required. Only personnel in appropriate clothing and personal protective equipment (PPE) will be allowed to work on the Site.

Employees shall carefully observe walking surfaces in their work areas. Given the close proximity of the Lamoille River and the Morrisville Dam, measures should be taken to ensure walking surfaces in the area are relatively dry and safe. A “buddy system” should be used when traversing the steep terrain around the Gristmill Building.

13. Site Activity Clearance

A representative of the client must clear Site work areas. WSE personnel shall be in line-of-sight or have verbal communication with another on Site person. The other on Site person shall be aware of his/her role as a “buddy” and shall be able to provide assistance in the event of an emergency.

For over sight and sampling activities, a minimum of two WSE personnel shall be present at the Site during field activities if there are any areas susceptible to high traffic. During over sight field activities, one WSE employee and at least one subcontractor employee shall be on Site during all field activities. Approval from the Project Manager is required before any employee can perform work activities alone at the Site.

14. Communication Methods

WSE employees will strive to maintain line-of-sight contact with Site workers during all Site activities. In the event that line-of-sight communication cannot be maintained, two-way radios or other methods shall be used for communication.

WSE personnel shall check in with facility representatives at the Sites prior to performing Site activities. If a specific facility representative is unavailable, WSE employees will notify the Site owner and the WSE Project Manager before proceeding with Site activities. Site personnel shall have ready access to a mobile telephone or other means of communication (e.g., two-way radio) for external emergency contact purposes during work activities.

15. Personal Protective Equipment

15.1 General Site Work

Personal protective equipment will be used when necessary to reduce exposures to work-Site hazards. PPE is used when engineering and/or work practice controls cannot eliminate or minimize the hazard to an acceptable safe level. Optional items are identified but may become mandatory PPE as Site hazard conditions change.

Level D protection shall be used during Site activities. This PPE has been selected based on hazards associated with work activities and anticipated Site conditions. Level D protection includes the **mandatory** use of the following PPE:

- American National Standards Institute (ANSI) approved safety glasses
- Steel-toed safety shoes
- Traffic safety vests – for work in roadways.
- Nitrile gloves

The following are required equipment for on Site activities but are not PPE or Level D requirements:

- WSE travel first aid kits
- Hard hats
- Hearing Protection

In addition, the following optional PPE will be available and should be used as warranted by specific work tasks/Site conditions:

- Leather work gloves
- Tyvek[®] suits
- Hearing protection
- Rain gear
- Respiratory protection

The level of protection identified in this HASP may be modified by the Field Manager and/or the Project Manager. The modifications require approval by the Health & Safety Officer. Reasons to upgrade PPE level include the following:

- Request of individual performing task.
- Change in work task that will increase contact or potential contact with hazardous materials.
- Occurrence or likely occurrence of gas or vapor emission.
- Known or suspected presence of dermal hazards.

16. Training and Medical Surveillance

16.1 Training

Personnel conducting Site work shall have completed the Initial Training as required by OSHA in 29 CFR 1910.120 course and a minimum of three days of supervised actual field experience. Site employees shall also receive annual 8-hour HAZWOPER refresher training.

Site employees will be provided with a copy of this HASP. Site employees are expected to thoroughly read and understand information contained in the HASP prior to conducting Site activities. In addition, Site employees must attend Site safety briefings to familiarize themselves with Site-specific health and safety procedures, hazards, and information.

17. Site Control Measures

17.1 General Control Measures

WSE employees shall implement the following general Site control measures:

- The work area shall be carefully assessed for safety hazards prior to conducting work.
- Visibly contaminated areas should be avoided when possible.
- No eating, drinking, or smoking is allowed in contaminated areas or decontamination zones.
- Follow guidance and direction provided by the Site-specific facility personnel at all times.

Chemicals brought to the work area shall be properly stored and labeled. Copies of MSDSs or NIOSH chemical information cards shall accompany chemicals to the work area. (Note: NIOSH chemical information cards are attached to this HASP.). In addition a NIOSH publication related to Histoplasmosis, related to dust spores from bird and bat droppings, is attached.

17.2 Safety Briefings

The Field Manager or his/her designee shall conduct a Site safety briefing before starting field activities or as tasks and Site conditions change. Attendance at safety briefings as well as topics discussed shall be documented.

Site safety briefings will consist of a general discussion of the HASP and Task Order HASP Addenda, Site-specific hazards, location of work zones, PPE requirements, equipment, special procedures, emergency procedures, and any other pertinent health and safety information.

17.3 Work Site Set Up

When setting up the work Site, WSE employees shall follow these procedures:

- Establish on Site communications, as appropriate. These consist of line-of-sight signals, hand signals, and verbal communication.

- Establish emergency signals, as appropriate.
- Establish a “buddy system.”
- Establish decontamination procedures.

The Project Manager and/or Field Manager will conduct periodic assessments of work practices to evaluate the effectiveness of this HASP, as necessary. Deficiencies in personnel adherence to work practices identified in this HASP will immediately be corrected while the Manager is on Site. Deficiencies in the HASP itself will be corrected by the Project Manager, if appropriate, and/or the Field Manager and will be reviewed by the Health & Safety Officer prior to implementation.

18. Decontamination Procedures

Site personnel shall follow these decontamination procedures in the order listed:

Step 1: Decontaminate equipment, as needed.

Step 2: Remove Tyvek® (if applicable).

Step 3: Remove outer gloves (if applicable).

Step 4: Remove nitrile gloves.

Step 5: Wash hands thoroughly with soap and water.

Step 6: Wash any other body parts that have been in contact with (potentially) contaminated equipment or materials.

Personnel shall wash hands and other affected body parts with soap and water prior to breaks, when leaving the Site, and when potentially contaminated equipment/material comes in direct contact with the skin. Eyewash is available for rinsing the eyes in the event that potentially contaminated material comes in contact with the eyes.

Wastes (e.g., PPE – gloves, safety glasses, etc.) generated from decontamination activities shall be bagged and properly disposed.

19. Emergency Response

Contractor shall implement emergency planning procedures in accordance with applicable requirements, including but not limited to, written emergency procedures specific to the abatement work, job safety (tailgate) meetings and emergency egress procedures. Emergency planning shall include consideration of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, heat related injuries and all other issues related to worker safety.

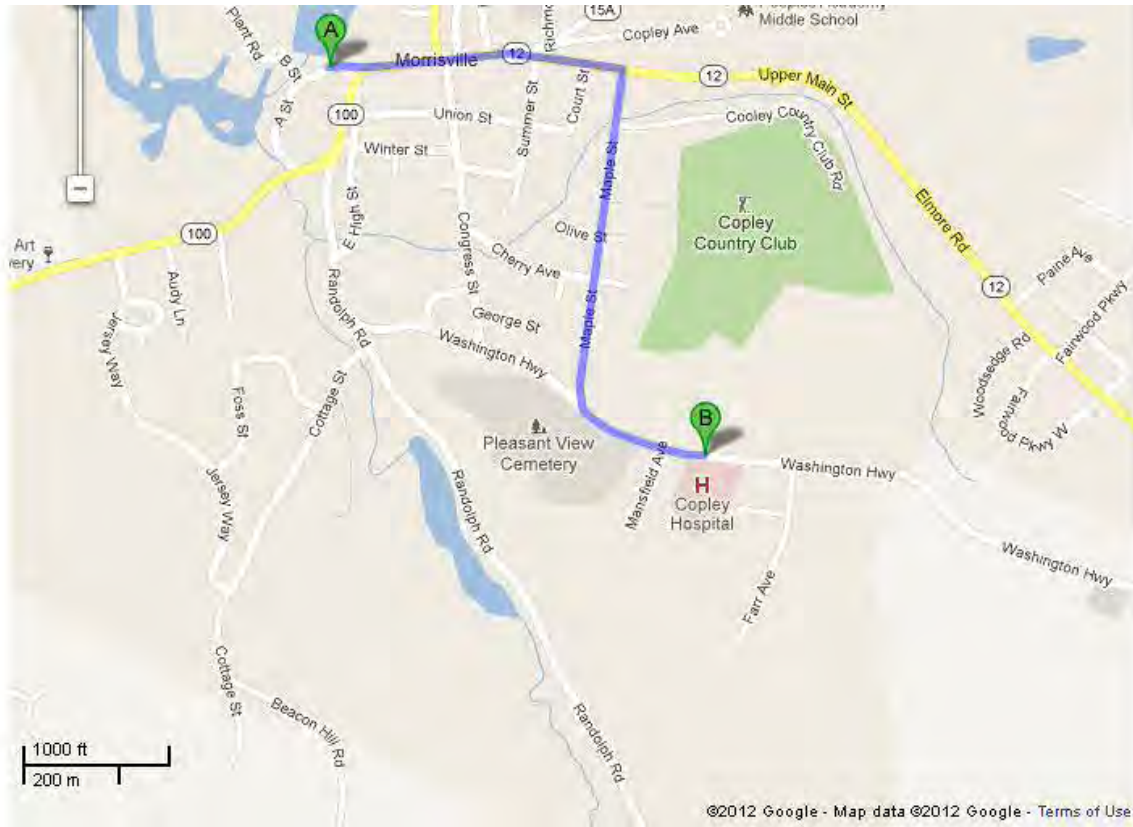
20. Pre-Planning Activities

The Field Manager or his/her alternate shall perform the following pre-planning activities prior to the initiation of field activities:

- Locate nearest telephone to the work Site and assess on Site communications.
- Identify chemical and safety hazards.
- Confirm emergency telephone numbers and route(s) to hospital.
- Locate on Site emergency eyewash and/or supply of clean water.
- Review Project plan for anticipated Site conditions, any alterations in on Site operations, and personnel availability.
- Ensure that Project team has travel first aid kit.
- Check Site emergency equipment operational status and supply inventory.
- Locate emergency information (e.g., evacuation routes) and designated assembly point on Site map.
- Assemble emergency contact, hospital route, evacuation route, and assembly point information.

Nearest Telephone:	Cell Phone
Utility Clearance Permit Number:	TBD
Emergency Numbers:	9-1-1
Local Police:	Morrisville Police Department 911
Fire Department:	Morrisville Fire Department 911
Ambulance:	911
Project Manager	Kevin K. McAleer (802) 244-5051
Health & Safety Coordinator	Kenneth J. Bisceglia (802) 244-5051
Field Manager/ Site Health & Safety Officer	Martin Lee (802) 244-5051
Site Owner	Morrisville Water and Light Department (802) 888-2162
Hospital:	Copley Hospital 528 Washington Hwy Morrisville, Vermont 05661

Health and Safety Plan
MWL Gristmill-Creamery
36 and 56 A Street, Morrisville, Vermont



56 A St, Morrisville, VT 05661

1. Head **east** on **A St** toward **Main St**

go 256 ft
total 256 ft
2. Continue onto **Lower Main St**

go 499 ft
total 0.1 mi
3. Continue onto **Upper Main St**

go 0.2 mi
total 0.4 mi
4. Turn right onto **Maple St**

go 0.4 mi
total 0.8 mi
5. Continue onto **Washington Hwy**

go 0.2 mi
total 1.0 mi



Copley Hospital

528 Washington hwy, Morrisville, VT 05661 - (802) 888-4231

21. Evacuation Procedures

In the event of an emergency at the work Site, WSE personnel will immediately evacuate the work area and proceed to the designated assembly point. Site personnel shall then begin notifying appropriate emergency and WSE contacts.

22. Medical Emergencies

WSE employees in the event of a medical emergency shall implement the following procedures:

- Stop fieldwork activities.
- Summon assistance (on and off Site), as necessary.
- Prevent further injury, and maintain personal safety.
- If the scene is safe, and if trained in and comfortable with performing first aid tasks, personnel should initiate first aid, as appropriate.
- Supply medical providers with information about the accident/incident.
- Notify the Project Manager, and the Health & Safety Coordinator of the accident/incident.

23. Accident/Incident Reports

The Field Manager shall complete an Incident Report Form (obtained from the Health & Safety Coordinator) as soon as possible, but no later than 24 hours, after any accident/incident occurrence. Copies of these forms shall be sent to the Health & Safety Coordinator and the Human Resources Manager.

24. Plan Approval

This HASP is written for use by WSE employees. WSE claims no responsibility for its use by others, unless specified and defined in Project or contract documents. This HASP is written for the specific Site conditions, purposes, dates, and personnel specified and must be amended if these conditions change.

Kevin McAleer, P.G.
Project Manager
WSE Engineers, Inc.

Date: _____

Field Manager / Site Health and Safety Officer
WSE Engineers, Inc.

Date: _____

ATTACHMENT A

EMPLOYEE HASP REVIEW SIGNATURE SHEET

“By signing this form, I verify that I have been provided with a copy of this HASP, and have read it. I understand and agree to abide by the provisions of this HASP.”

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	DATE

EMPLOYEE HASP REVIEW SIGNATURE SHEET

“By signing this form, I verify that I have been provided with a copy of this HASP, and have read it. I understand and agree to abide by the provisions of this HASP.”

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	DATE

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HISTOPLASMOSIS

What is histoplasmosis?

Histoplasmosis is an infectious disease caused by inhaling spores of a fungus called *Histoplasma capsulatum*. Histoplasmosis is not contagious; it cannot be transmitted from an infected person or animal to someone else.

What are the symptoms of histoplasmosis?

Histoplasmosis primarily affects a person's lungs, and its symptoms vary greatly. The vast majority of infected people are asymptomatic (have no apparent ill effects) or they experience symptoms so mild they do not seek medical attention. If symptoms do occur, they will usually start within 3 to 17 days after exposure, with an average of 10 days. Histoplasmosis can appear as a mild, flu-like respiratory illness and has a combination of symptoms, including malaise (a general ill feeling), fever, chest pain, dry or nonproductive cough, headache, loss of appetite, shortness of breath, joint and muscle pains, chills, and hoarseness. A chest X-ray of a person with acute pulmonary histoplasmosis will commonly show a patchy pneumonitis, which eventually calcifies. Chronic lung disease due to histoplasmosis resembles tuberculosis and can worsen over months or years. The most severe and rare form of this disease is disseminated histoplasmosis, which involves spreading of the fungus to other organs outside the lungs.

Who can get histoplasmosis?

Anyone working at a job or present near activities where material contaminated with *H. capsulatum* becomes airborne can develop histoplasmosis if enough spores are inhaled. After an exposure, how ill a person becomes varies greatly and most likely depends on the number of spores inhaled and a person's age and susceptibility to the disease. The number of inhaled spores needed to cause disease is unknown. Children younger than 2 years of age, persons with compromised immune systems, and

older persons, in particular those with underlying illnesses such as diabetes and chronic lung disease, are at increased risk for developing symptomatic histoplasmosis.

People with weakened immune systems are at greatest risk for developing severe and disseminated histoplasmosis. Included in this high-risk group are persons with AIDS or cancer and persons receiving cancer chemotherapy; high-dose, long-term steroid therapy; or other immuno-suppressive drugs.

Before 2000, a person could learn from a histoplasmin skin test whether he or she had been previously infected by *H. capsulatum*. However, the manufacturing of histoplasmin was discontinued in 2000, and the skin testing reagents were still unavailable in 2004. A previous infection can provide partial immunity to reinfection. Since a positive skin test does not mean that a person is completely immune to reinfection, appropriate exposure precautions should be taken regardless of a worker's past skin-test status whenever disturbances of materials that might be contaminated with *H. capsulatum* occur.

What is the treatment for histoplasmosis?

Mild cases of histoplasmosis are usually resolved without treatment. For severe cases, special antifungal medications are needed to arrest the disease. Disseminated histoplasmosis is fatal if untreated, but death can also occur in some patients even when medical treatment is received.

Where are *H. capsulatum* spores found?

H. capsulatum grows in soils throughout the world. In the United States, the fungus is endemic (more prevalent) and the proportion of people infected by *H. capsulatum* is higher in central and eastern states, especially along the Ohio and Mississippi River valleys. The fungus seems to grow best in soils having a high nitrogen content, especially

those enriched with bat droppings or bird manure. Disturbances of contaminated material cause small *H. capsulatum* spores to become airborne or aerosolized. Once airborne, spores can easily be carried by wind currents over long distances.

How can someone know if soil or droppings are contaminated with *H. capsulatum* spores?

To learn whether soil or droppings are contaminated with *H. capsulatum* spores, samples must be collected and cultured. Presently, the method used to isolate *H. capsulatum* is expensive and requires several weeks to complete. If not enough samples are collected, small but highly contaminated areas can be overlooked. Until a less expensive and more rapid method is available, testing samples for *H. capsulatum* will continue to be impractical for most situations. Consequently, when thorough testing is not done, the safest approach is to assume soil in endemic regions and any accumulations of bat droppings or bird manure are contaminated with *H. capsulatum* and take appropriate exposure precautions.

What jobs and activities have risks for exposure to *H. capsulatum* spores?

Below is a partial list of occupations and hobbies with risks for exposure to *H. capsulatum* spores. Appropriate exposure precautions should be taken by these people and others whenever contaminated soil, bat droppings, or bird manure is disturbed.

- ◆ Bridge inspector or painter
- ◆ Chimney cleaner
- ◆ Construction worker
- ◆ Demolition worker
- ◆ Farmer
- ◆ Gardener
- ◆ Heating and air-conditioning system installer or service person
- ◆ Microbiology laboratory worker
- ◆ Pest control worker
- ◆ Restorer of historic or abandoned buildings
- ◆ Roofer
- ◆ Spelunker (cave explorer)

How can exposure to *H. capsulatum* be controlled and histoplasmosis prevented?

The best way to prevent exposures to *H. capsulatum* spores is to avoid situations where material that might be contaminated can become aerosolized and subsequently inhaled. This is especially important for persons with weakened immune systems.

Dust suppression methods, such as carefully wetting with a water spray, may be useful for reducing the amount of material aerosolized during an activity. For some activities, such as removing an accumulation of bat droppings or bird manure from an enclosed place such as an attic, wearing a NIOSH-approved respirator and other items of personal protective equipment may be needed to further reduce the risk of *H. capsulatum* exposure. However, only persons trained in the proper selection and use of personal protective equipment should undertake work where this equipment is needed.

Disinfectants have occasionally been used to treat soil and accumulated bat manure when removal was impractical or as a precaution before a removal process was started. There is no product or chemical that is registered by the EPA that has the specific claim of being effective against *H. capsulatum*. A manufacturer of a product claiming to disinfect soil contaminated with *H. capsulatum* will have to meet the EPA's regulatory requirements and complete the registration process.

Where can I get more information about histoplasmosis?

This histoplasmosis fact sheet was prepared by the National Institute for Occupational Safety and Health (NIOSH) and the National Center for Infectious Diseases (NCID), both of the Centers for Disease Control and Prevention. For answers to other questions about histoplasmosis or histoplasmin skin-testing, please contact your physician, your local health department, or NCID in Atlanta, Georgia. NCID's Internet address is <http://www.cdc.gov/ncidod/>. For other questions about worker health and safety precautions during disturbances of soil, bat droppings, or bird manure that might be contaminated with *H. capsulatum* spores, call NIOSH in Cincinnati, Ohio, at (800) 356-4674.



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September 2005

NIOSH Publication Number 2005-149

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Lead

Synonyms & Trade Names Lead metal, Plumbum

CAS No. 7439-92-1	RTECS No. <u>OF7525000</u>	DOT ID & Guide
Formula Pb	Conversion	IDLH 100 mg/m ³ (as Pb) See: <u>7439921</u>
Exposure Limits NIOSH REL *: TWA (8-hour) 0.050 mg/m ³ <u>See Appendix C</u> [*Note: The REL also applies to other lead compounds (as Pb) — see Appendix C.] OSHA PEL *: [1910.1025] TWA 0.050 mg/m ³ <u>See Appendix C</u> [*Note: The PEL also applies to other lead compounds (as Pb) — see Appendix C.]		Measurement Methods NIOSH <u>7082</u>  , <u>7105</u>  , <u>7300</u>  , <u>7301</u>  , <u>7303</u>  , <u>7700</u>  , <u>7701</u>  , <u>7702</u>  , <u>9100</u>  , <u>9102</u>  , <u>9105</u>  OSHA <u>ID121</u>  , <u>ID125G</u>  , <u>ID206</u>  See: <u>NMAM</u> or <u>OSHA Methods</u> 

Physical Description A heavy, ductile, soft, gray solid.

MW: 207.2	BP: 3164°F	MLT: 621° F	Sol: Insoluble	VP: 0 mmHg (approx)	IP: NA
Sp.Gr: 11.34	Fl.P: NA	UEL: NA	LEL: NA		

Noncombustible Solid in bulk form.

Incompatibilities & Reactivities Strong oxidizers, hydrogen peroxide, acids

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension

Target Organs Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue

Personal Protection/Sanitation (See protection codes)

Skin: Prevent skin contact

Eyes: Prevent eye contact

Wash skin: Daily

Remove: When wet or contaminated

Change: Daily

First Aid (See procedures)

Eye: Irrigate immediately

Skin: Soap flush promptly

Breathing: Respiratory support

Swallow: Medical attention immediately

Respirator Recommendations

(See Appendix E)

NIOSH/OSHA

Up to 0.5 mg/m³:

(APF = 10) Any air-purifying respirator with an N100, R100, or P100 filter (including N100, R100, and P100 filtering facepieces) except quarter-mask respirators.

[Click here](#) for information on selection of N, R, or P filters.

(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m³:

(APF = 25) Any supplied-air respirator operated in a continuous-flow mode

(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.

Up to 2.5 mg/m³:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.

[Click here](#) for information on selection of N, R, or P filters.

(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode

(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter

(APF = 50) Any self-contained breathing apparatus with a full facepiece

(APF = 50) Any supplied-air respirator with a full facepiece

Up to 50 mg/m³:

(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Up to 100 mg/m³:

(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
[Click here](#) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

[Important additional information about respirator selection](#)

See also: [INTRODUCTION](#) See ICSC CARD: [0052](#) See MEDICAL TESTS: [0127](#)

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Gasoline

Synonyms & Trade Names Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins, and aromatics).]

CAS No. 8006-61-9

RTECS No. LX3300000
(niosh-rtecs/LX325AA0.html)

DOT ID & Guide 1203 128 <http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=128>

Conversion 1 ppm = 4.5 mg/m³ (approx)

IDLH Ca [N.D.]
See: **IDLH INDEX** (niosh/idlh/intridl4.html)

Exposure Limits

NIOSH REL : Ca See Appendix A (nengapdx.html)

OSHA PEL † (nengapdx.html) : none

Measurement Methods

OSHA PV2028 <http://www.osha.gov/dts/sltc/methods/partial/pv2028/2028.html>
See: **NMAM** (niosh/docs/2003-154/) or **OSHA Methods** <http://www.osha.gov/dts/sltc/methods/index.html>

Physical Description Clear liquid with a characteristic odor.

MW: 110 (approx)

BP: 102° F

FRZ: ?

Sol: Insoluble

VP: 38-300 mmHg

IP: ?

Sp.Gr (60°F): 0.72-0.76

FLP: -45°F

UEL: 7.6%

LEL: 1.4%

Class IB Flammable Liquid: FLP. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities Strong oxidizers such as peroxides, nitric acid & perchlorates

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, central nervous system, liver, kidneys

Cancer Site [in animals: liver & kidney cancer]

Personal Protection/Sanitation (See protection codes (protect.html))

Skin: Prevent skin contact

Eyes: Prevent eye contact

Wash skin: When contaminated

Remove: When wet (flammable)

Change: No recommendation

Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))

Eye: Irrigate immediately

Skin: Soap flush immediately

Breathing: Respiratory support

Swallow: Medical attention immediately

Respirator Recommendations

NIOSH**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection ([pgintrod.html#mustread](#))

See also: [INTRODUCTION \(/niosh/npg/pgintrod.html\)](#)

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Benzene

Synonyms & Trade Names Benzol, Phenyl hydride**CAS No.** 71-43-2**RTECS No.** [CY1400000](#)
([/niosh-rtecs/CY155CC0.html](#))**DOT ID & Guide** 1114 130 [\(http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130\)](#)**Formula** C₆H₆**Conversion** 1 ppm =
3.19 mg/m³**IDLH** Ca [500 ppm]
See: [71432 \(/niosh/idlh/71432.html\)](#)**Exposure Limits****NIOSH REL** : Ca TWA 0.1 ppm ST 1 ppm See
[Appendix A \(nengapdx.html\)](#)
OSHA PEL : [1910.1028] TWA 1 ppm ST 5 ppm
See [Appendix F \(nengapdx.html\)](#)**Measurement Methods****NIOSH 1500** [\(/niosh/docs/2003-154/pdfs/1500.pdf \)](#), **1501** [\(/niosh/docs/2003-154/pdfs/1501.pdf \)](#), **3700** [\(/niosh/docs/2003-154/pdfs/3700.pdf \)](#), **3800** [\(/niosh/docs/2003-154/pdfs/3800.pdf \)](#) ;**OSHA 12** [\(http://www.osha.gov/dts/sltc/methods/organic/org012/org012.html\)](#),
1005 [\(http://www.osha.gov/dts/sltc/methods/validated/1005/1005.html\)](#)See: **NMAM** ([/niosh/docs/2003-154/](#)) or **OSHA Methods** [\(http://www.osha.gov/dts/sltc/methods/index.html\)](#)**Physical Description** Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]**MW**: 78.1**BP**: 176°
F**FRZ**: 42°F**Sol**: 0.07%**VP**: 75 mmHg**IP**: 9.24 eV**Sp.Gr**: 0.88**FLP**: 12°
F**UEL**: 7.8%**LEL**: 1.2%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities Strong oxidizers, many fluorides & perchlorates, nitric acid**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact**Symptoms** irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]**Target Organs** Eyes, skin, respiratory system, blood, central nervous system, bone marrow**Cancer Site** [leukemia]**Personal Protection/Sanitation** (See [protection codes \(protect.html\)](#))**Skin**: Prevent skin contact**Eyes**: Prevent eye contact**Wash skin**: When contaminated**Remove**: When wet (flammable)**Change**: No recommendation**Provide**: Eyewash, Quick drench**First Aid** (See [procedures \(firstaid.html\)](#))**Eye**: Irrigate immediately**Skin**: Soap wash immediately**Breathing**: Respiratory support**Swallow**: Medical attention immediately

Respirator Recommendations

(See [Appendix E](#)) ([nengapdxe.html](#))

NIOSH**At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:**

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection ([pgintrod.html#mustread](#))

See also: [INTRODUCTION \(/niosh/npg/pgintrod.html\)](#) See ICSC CARD: [0015 \(/niosh/ipcsneng/neng0015.html\)](#) See MEDICAL TESTS: [0022 \(/niosh/docs/2005-110/nmed0022.html\)](#)

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Arsenic (inorganic compounds, as As)

Synonyms & Trade Names

Arsenic metal: Arsenia
Other synonyms vary depending upon the specific As compound. [Note: OSHA considers "Inorganic Arsenic" to mean copper acetoarsenite and all inorganic compounds containing arsenic except ARSINE.]

CAS No. 7440-38-2
(metal)

RTCS No. CG0525000
(metal) (/niosh-
rtcs/CG802C8.html)

DOT ID & Guide 1558 152 <http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=152> (metal)
1562 152 <http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=152> (dust)

Formula As (metal)

Conversion

IDLH Ca [5 mg/m³ (as As)]
See: 7440382 (/niosh/idlh/7440382.html)

Exposure Limits

NIOSH REL : Ca C 0.002 mg/m³ [15-minute] See
Appendix A (nengapdx.html)

OSHA PEL : [1910.1018] TWA 0.010 mg/m³

Measurement Methods

NIOSH 7300 [http://niosh/docs/2003-154/pdfs/7300.pdf](/niosh/docs/2003-154/pdfs/7300.pdf), 7301 [http://niosh/docs/2003-154/pdfs/7301.pdf](/niosh/docs/2003-154/pdfs/7301.pdf), 7303 [http://niosh/docs/2003-154/pdfs/7303.pdf](/niosh/docs/2003-154/pdfs/7303.pdf), 7900 [http://niosh/docs/2003-154/pdfs/7900.pdf](/niosh/docs/2003-154/pdfs/7900.pdf), 9102 [http://niosh/docs/2003-154/pdfs/9102.pdf](/niosh/docs/2003-154/pdfs/9102.pdf);

OSHA ID105 <http://www.osha.gov/dts/sltc/methods/inorganic/id105/id105.html>
See: **NMAM** (/niosh/docs/2003-154/) or **OSHA Methods** <http://www.osha.gov/dts/sltc/methods/index.html>

Physical Description Metal: Silver-gray or tin-white, brittle, odorless solid.

MW: 74.9

BP: Sublimes

MLT:
1135°F
(Sublimes)

Sol: Insoluble

VP: 0 mmHg (approx)

IP: NA

Sp.Gr: 5.73
(metal)

FLP: NA

UEL: NA

LEL: NA

Metal: Noncombustible Solid in bulk form, but a slight explosion hazard in the form of dust when exposed to flame.

Incompatibilities & Reactivities Strong oxidizers, bromine azide [Note: Hydrogen gas can react with inorganic arsenic to form the highly toxic gas arsine.]

Exposure Routes inhalation, skin absorption, skin and/or eye contact, ingestion

Symptoms Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, resp irritation, hyperpigmentation of skin, [potential occupational carcinogen]

Target Organs Liver, kidneys, skin, lungs, lymphatic system

Cancer Site [lung & lymphatic cancer]

Personal Protection/Sanitation (See protection codes
(protect.html))

Skin: Prevent skin contact

Eyes: Prevent eye contact

Wash skin: When contaminated/Daily

Remove: When wet or contaminated

Change: Daily

Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))

Eye: Irrigate immediately

Skin: Soap wash immediately

Breathing: Respiratory support

Swallow: Medical attention immediately

Respirator Recommendations

(See Appendix E) (nengapdx.html)

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted acid gas canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrg) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0013 (/niosh/ipcsneng/neng0013.html) See MEDICAL TESTS: 0017 (/niosh/docs/2005-110/nmed0017.html)

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Chlorodiphenyl (42% chlorine)

Synonyms & Trade Names Aroclor® 1242, PCB, Polychlorinated biphenyl

CAS No. 53469-21-9

RTECS No. [TQ1356000](#)
([/niosh-rtecs/TQ14B0E0.html](#))

DOT ID & Guide 2315 [171](#)
(<http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=171>)

Formula C₆H₄ClC₆H₃Cl₂
(approx)

Conversion

IDLH Ca [5 mg/m³]
See: [53469219](#) ([/niosh/idlh/53469219.html](#))

Exposure Limits

NIOSH REL *: Ca TWA 0.001 mg/m³ [See Appendix A](#) ([nengapdx.html](#)) [*Note: The REL also applies to other PCBs.]

OSHA PEL : TWA 1 mg/m³ [skin]

Measurement Methods

NIOSH 5503 ([/niosh/docs/2003-154/pdfs/5503.pdf](#));

OSHA PV2089
(<http://www.osha.gov/dts/sltc/methods/partial/t-pv2089-01-8812-ch/t-pv2089-01-8812-ch.html>)
See: [NMAM](#) ([/niosh/docs/2003-154/](#)) or [OSHA Methods](#)
(<http://www.osha.gov/dts/sltc/methods/index.html>)

Physical Description Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

MW: 258
(approx)

BP: 617–
691°F

FRZ: –2°
F

Sol: Insoluble

VP: 0.001 mmHg

IP: ?

Sp.Gr(77°
F): 1.39

Fl.P: NA

UEL: NA

LEL: NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities Strong oxidizers

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs Skin, eyes, liver, reproductive system

Cancer Site [in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation ([See protection codes](#) ([protect.html](#)))

First Aid ([See procedures](#) ([firstaid.html](#)))
Eye: Irrigate immediately

Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

[Click here \(pgintrod.html#nrp\)](#) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

[Important additional information about respirator selection \(pgintrod.html#mustread\)](#)

See also: [INTRODUCTION \(/niosh/npg/pgintrod.html\)](#) See MEDICAL TESTS: [0175 \(/niosh/docs/2005-110/nmed0175.html\)](#)

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800-CDC-INFO (800-232-4636) TTY: (888) 232-6348, New Hours of Operation 8am-8pm ET/Monday-Friday

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Centers for Disease Control and Prevention

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SEARCH

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Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names Aroclor® 1254, PCB, Polychlorinated biphenyl**CAS No.** 11097-69-1**RTECS No.** [TQ1360000](#)
([/niosh-rtecs/TQ14C080.html](#))**DOT ID & Guide** 2315 171
(<http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=171>)**Formula** C₆H₃Cl₂C₆H₂Cl₃
(approx)**Conversion****IDLH** Ca [5 mg/m³]
See: [IDLH INDEX \(/idlh/intridl4.html\)](#)

Exposure Limits

NIOSH REL *: Ca TWA 0.001 mg/m³ [See Appendix A \(nengapdx.html\)](#) [*Note: The REL also applies to other PCBs.]**OSHA PEL** : TWA 0.5 mg/m³ [skin]

Measurement Methods

NIOSH 5503 ([/niosh/docs/2003-154/pdfs/5503.pdf](#));**OSHA PV2088** (<http://www.osha.gov/dts/sltc/methods/partial/t-pv2088-01-8812-ch/t-pv2088-01-8812-ch.html>)See: [NMAM \(/niosh/docs/2003-154/\)](#) or [OSHA Methods](#) (<http://www.osha.gov/dts/sltc/methods/index.html>)**Physical Description** Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.**MW:** 326
(approx)**BP:** 689–
734°F**FRZ:** 50°
F**Sol:** Insoluble**VP:** 0.00006 mmHg**IP:** ?**Sp.Gr(77°
F):** 1.38**FLP:** NA**UEL:** NA**LEL:** NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities Strong oxidizers**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact**Symptoms** irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]**Target Organs** Skin, eyes, liver, reproductive system**Cancer Site** [in animals: tumors of the pituitary gland & liver, leukemia]**Personal Protection/Sanitation** (See [protection codes \(protect.html\)](#))**First Aid** (See [procedures \(firstaid.html\)](#))**Eye:** Irrigate immediately

Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

[Click here \(pgintrod.html#nrp\)](#) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

[Important additional information about respirator selection \(pgintrod.html#mustread\)](#)

See also: [INTRODUCTION \(/niosh/npg/pgintrod.html\)](#) See ICSC CARD: [0939 \(/niosh/ipcsneng/neng0939.html\)](#) See MEDICAL TESTS: [0176 \(/niosh/docs/2005-110/nmed0176.html\)](#)

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APPENDIX G

PUBLIC NOTICE

**Environmental Remediation Project
Gristmill-Creamery
56 and 36 A Street
Morrisville, Vermont**

Weston & Sampson Engineers, Inc. has been contracted by the Lamoille County Planning Commission (LCPC) on behalf of the owner (Morrisville Water & Light) to prepare a combined Corrective Action Plan (CAP) at the Gristmill-Creamery property located at 36 and 56 A Street in Morrisville, Vermont (hereinafter referred to as "Site").

This CAP has been prepared with funding in-part from an EPA Brownfields Assessment Grant to present corrective actions to facilitate redevelopment of the property with respect to the Recognized Environmental Conditions (RECs) that were identified in earlier phases of Site investigation work. The contaminants that have been found to exceed cleanup criteria that will be addressed in this CAP are summarized below:

1. Soils Contaminated with PCBs,– all contaminated soils in exceedance of cleanup criteria will be removed from the property with proper handling and disposal procedures.
2. Flooring Contaminated with PCBs and Metals – all contaminated interior flooring in exceedance of cleanup criteria from both buildings will be removed from the property with proper handling and disposal procedures.

The work associated with this CAP is tentatively scheduled for 2012. Copies of the CAP will be available to the public at the Vermont Department of Environmental Conservation (VTDEC) Brownfields Response Program. Ms. Patricia Coppolino of the VTDEC can be reached at (802) 241-3967 for questions.

APPENDIX H

THIS IS NOT A PERMIT

PIN

****NOTE: NUMBERS IN PARENTHESES (#) REFER TO PERMIT INFORMATION SHEETS IN THE VERMONT PERMIT HANDBOOK**

THIS IS A PRELIMINARY, NON-BINDING DETERMINATION REGARDING THE FOLLOWING PERMITS WHICH YOU MAY NEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. PLEASE CONTACT THE DEPARTMENTS INDICATED BELOW.

3. WASTEWATER MANAGEMENT DIVISION, ANR (802-241-3822)

Contact: _____

- ☐ Discharge Permits: pretreatment; industrial, municipal (#7.1, 7.2, & 8) ☐ Indirect Discharge Permits (#9 & 9.1) ☐ Residuals Management (#10)

4. AIR POLLUTION CONTROL DIVISION, ANR (888-520-4879)

Contact: _____

- ☐ Construction/modification of source (#14) ☐ Open Burning (#18) ☐ Wood Chip Burners (>90 HP) (#14)
☐ Furnace Boiler Conversion/Installation (#14) ☐ Industrial Process Air Emissions (#14) ☐ Diesel Engines (>450 bHP) (#14)

5. WATER SUPPLY DIVISION, ANR (802-241-3400) (800-823-8500 in VT)

Contact: _____

- ☐ New Hydrants (#22) ☐ >500' waterline construction (#22) ☐ Community Water System (CWS) ☐ Bottled Water (#20) ☐ Operating permit (#21)
☐ Transient Non-Community water system (TNC) (#21) ☐ Capacity Review for Non-transient non-community water systems (NTNC) (#21)

6. WATER QUALITY DIVISION, ANR

Contact: _____

- ☐ River Management (241-3777) ☐ Ponds (#32.1)
☐ Shoreland Encroachment (241-3777) Steve Hanna (#28)
☐ Wetlands (241-3777) (#29)
☐ Stream Alteration / Section 401 Water Quality Certification / Stream Crossings (476-2679 / 879-5631) (#27 & 32)

STORMWATER PERMITS (Hotline 802-241-4320) (#6 – 6.5)

Contact: _____

- ☐ Construction General Permits >1AC of disturbance (#6.1)
☐ Stormwater from new development or redevelopment sites (#6.2 & 6.3)
☐ Multi-Sector General Permit (MSGP) industrial activities w/ SIC codes (#6.4)
☒ Floodplains (241-3759)

7. WASTE MANAGEMENT DIVISION, ANR

- ☒ Hazardous Waste Handler site ID (241-3888) (#36) *Lynn McTeal 241-3818*
☐ Lined landfills; transfer stations; recycling facilities drop off (241-3444) (#37, 39, 40)
☐ Disposal of inert waste, untreated wood & stumps (241-3444) (#41 & 44)
☐ Waste oil burning (241-3888) ☐ Waste transporter permit (#35) ☒ Demolition waste 241-3477 ☐ Used septic system components/stone (#41)

Contact: _____

- ☐ Underground Storage Tanks (241-3888) (#33)
☐ Asbestos Disposal (241-3444)
☐ Composting Facilities (241-3444) (#43)

8. FACILITIES ENGINEERING DIVISION, ANR

Contact: _____

- ☐ Dam operations (greater than 500,000 cu. ft.) (241-3451) (#45)
☐ State-funded municipal water/sewer extensions/upgrades and Pollution Control Systems (241-3750)

9. POLLUTION PREVENTION & MERCURY DISPOSAL HOTLINE (1-800-974-9559) (#46)

Contact: _____

SMALL BUSINESS & MUNICIPAL COMPLIANCE ASSISTANCE (1-800-974-9559)
RECYCLING HOTLINE (1-800-932-7100)

Contact: Judy Mirro/John Daly
Contact: _____

10. FISH & WILDLIFE DEPARTMENT (802-241-3700)

Contact: _____

- ☐ Nongame & Natural Heritage Program (Threatened & Endangered Species) (#47.4)

☐ Stream Obstruction Approval (#47.5)

11. DEPARTMENT OF PUBLIC SAFETY (802-479-7561) or District Office (479-4434)

Contact: Bob Sponable

- ☒ Construction Permit fire prevention, electrical, plumbing, accessibility (Americans with Disabilities Act) (#49, 50, 50.1, 50.2)
☐ Storage of flammable liquids, explosives ☐ LP Gas Storage ☐ Hazardous Chemical Use/Tier II Reporting (800-347-0488)
☐ Plumbing in residences served by public water/sewer with 10 or more customers (#50.2) ☐ Boilers and pressure vessels (#50.3)

12. DEPARTMENT OF HEALTH (800-439-8550 in VT) (802-863-7221) (Lab 800-660-9997)

Contact: Vernon Nelson 865-7784

- ☐ Food, lodging, bakeries, food processors (#51, 51.1, 52, 53, 53.1) ☒ Program for asbestos control & lead certification (#54, 55, 55.1)
☐ Children's camps ☐ Hot Tub Installation & Inspection – Commercial (#51.1)

13. AGENCY OF HUMAN SERVICES

Contact: _____

- ☐ Child care facilities (1-800-649-2642 or 802-241-2159) (#57)
☐ Nursing Homes (241-2345) (#59)

- ☐ Residential care homes (241-2345) (Dept. of Aging & Disabilities) (#59)
☐ Assisted Living and Therapeutic Community Residences (241-2345) (#59)

14. AGENCY OF TRANSPORTATION

Contact: _____

- ☐ Access to state highways (residential, commercial) (828-2653) (#66)
☐ Signs (Travel Information Council) (828-2651) (#63)
☐ Development within 500' of a limited access highway (828-2653) (#61)
☐ Construction within state highway right-of-way (Utilities, Grading, etc.) (828-2653) (#66)

- ☐ Railroad crossings (828-2710) (#64)
☐ Airports and landing strips (828-2833) (#65)
☐ Motor vehicle dealer license (828-2067) (#68)

15. DEPARTMENT OF AGRICULTURE (800-675-9873)

Contact: _____

- ☐ Use/sale of Pesticides (828-3429) (#72, 73, 74, 75, 76, 77, 78) ☐ Slaughter houses, poultry processing (828-3429) (#81)
☐ Milk Processing Facilities (828-3429) (#83, 83.1, 85, 87) ☐ Animal shelters/pet merchant/livestock dealers (828-3429) (#89, 89.1)
☐ Golf Courses (828-2431) (#71) ☐ Green Houses/Nurseries (828-2431) (#79) ☐ Weights and measures, Gas Pumps, Scales (828-2436) (#88)
☐ Medium and Large Farm Operations (828-2431) ☐ Retail Sales/Milk/Meat/Poultry/Frozen Dessert/Class "C" Pesticides (828-3429) (#75.1, 80)

16. VERMONT ENERGY CODE ASSISTANCE CENTER TOLL FREE 888-373-2255

☐ VT Building Energy Standards (#47.2)

17. DIVISION FOR HISTORIC PRESERVATION (802-828-3211)

☒ Historic Buildings (#47.1 & 101) ☐ Archeological Sites (#47.1 & 101)

18. DEPARTMENT OF LIQUOR CONTROL (1-800-832-2339)

☐ Liquor Licenses (#90) ☐ General Info (1-800-642-3134)

19. SECRETARY OF STATE (1-802-828-2386)

☐ Business Registration (#90.1) ☐ Professional Boards (1-800-439-8683) (#90.2)

20. DEPARTMENT OF TAXES (802-828-2551 & 828-5787)

☐ Income & business taxes (sales, meals/ rooms, etc) (#91, 92, 93, 94, 95, 96)

21. DEPARTMENT OF MOTOR VEHICLES (802-828-2070)

☐ Fuel Taxes; Commercial Vehicle (#69-70)

22. LOCAL PERMITS (SEE YOUR TOWN CLERK, ZONING ADMINISTRATOR, PLANNING COMMISSION, OR PUBLIC WORKS)

23. U.S. ARMY CORPS OF ENGINEERS, 8 Carmichael St., Ste. 205, Essex Jct., VT 05452 (802) 872-2893 (#97, 98, & 99)

24. OTHER:

Marty Abene

Sections #3-#24 above have been completed by Permit Specialist John Miller Date: 5/10/12 I may be reached at 802-476-0195
Copies have been mailed to: _____ (TUES) St Johnsbury 751-0127

****NOTE: NUMBERS IN PARENTHESES (#) REFER TO PERMIT INFORMATION SHEETS IN THE VERMONT PERMIT HANDBOOK**

http://www.anr.state.vt.us/dec/permit_hb/index.htm

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