PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER DANIEL'S MILL
98 EAST MAIN STREET
VERNON, CONNECTICUT

PREPARED FOR:
Town of Vernon
14 Park Place
Vernon, Connecticut 06066

PREPARED BY:
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September 2015
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GZA

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GEOTECHNICAL
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ECOLOGICAL
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September 1, 2015
File No. 05.0045441.03

Town of Vernon
Mr. John D. Ward, Town Administrator
Memorial Building
14 Park Place, 3rd Floor
Vernon, CT 06066

Re: Phase II Environmental Site Assessment Report – Daniel's Mill
98 East Main Street
Vernon, Connecticut

Dear Mr. Ward:

GZA GeoEnvironmental, Inc. (GZA) is pleased to submit this one (1) hard copy and one electronic/digital copy (on attached disk) of the Phase II Environmental Site Assessment Report for the Daniel's Mill property located at 98 East Main Street in Vernon, Connecticut (Site). This report was prepared in accordance with our change order request number 04 dated June 30, 2015 Professional Services Agreement.

We appreciate the opportunity to partner with you on this important redevelopment project. Should you have any questions or require additional information on the proposed remedial measures, please contact the undersigned, at your convenience.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Anthony Trani
Assistant Project Manager

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1.0 INTRODUCTION

GZA GeoEnvironmental, Inc. (GZA) was retained by the Town of Vernon (Client) to complete a Phase II Environmental Site Assessment (Phase II ESA) at the former Daniel's Mill property located at 98 East Main Street, Vernon, Connecticut (Site). The purpose of the Phase II ESA was to assess soil and groundwater quality at the Site for impacts from current and historical uses/activities.

The scope of work for GZA's Phase II ESA was developed based on information presented in the following previous reports that were provided by Client:

- Apex Companies LLC.: *Phase I Environmental Site Assessment*, Daniel's Management, Inc., October 2011 (2011 Phase I ESA); and
- Fuss & O'Neill, Inc.: *Phase I Environmental Site Assessment*, Former Daniel's Mill, December 2014 (2014 Phase I ESA).

After reviewing previous reports, GZA prepared attached Table 1 which includes a brief description of Recognized Environmental Conditions (RECs), release mechanisms, sampling rationale and our conclusions and recommendations for Phase II testing. A locus plan showing the Site location and surrounding topographic features is presented in Figure 1. A Site plan showing the property with pertinent Site features and GZA exploration locations is presented in Figure 2.

This report is subject to the Terms and Conditions of our contract and the Limitations in Appendix A.

2.0 BACKGROUND

Background information was developed by review of previous reports and available geologic and groundwater classification maps published (CT-ECO website) by the State of Connecticut.

2.1 SITE HISTORY AND DESCRIPTION

The subject Site is located at 98 East Main Street in an industrial zone of Vernon, Connecticut (Tolland County) and consists of an approximate 1-acre parcel of land. The Site is the former Daniel's Mill, built in 1855 and is improved with a six-story (including basement and attic) historical mill building with a footprint measuring approximately 9,043 square-feet. The 2014 Phase I ESA reports the Site building as being occupied by Band Room & Studio Rentals, Sol Cantor Electric, AI Enterprises (sheet metal workshop), Daniel's Mill Self Storage and Charity Storage. GZA did not identify other tenants during our Site visits for Phase II assessment.

The Site was reportedly developed as a textile mill which manufactured cotton, stockinet, and wool products between 1855 and 1951. After 1951 the Site was occupied by several different tenants as follows:

Year	Name	Description
1951-1978	Albi Manufacturing Company	Producer of fire retardant paints and mastic.
1952-1971	Double B Products	Producer of insecticides and paints.
1960	Conversion Chemical Corporation	No description in previous reports
1960-1970	Outboard Shop & Sports Center	No description in previous reports
1985-2000	Hockanum Salvage, Inc.	No description in previous reports
1985	C&C Products Inc.	No description in previous reports
1985	Furnace Brokers	No description in previous reports

2.2 PHYSIOGRAPHIC SETTING

The Site is located within the Hockanum River Valley in the northeastern portion of Vernon, Connecticut. The land surface rises steeply to the north and south of the Site. Land to the east of the Site is relatively flat while the ground surface drops away steeply to the west. The elevation of the ground surface at the Site drops off steeply from approximately 460 feet MSL (east) to 430 MSL (southwest) toward the American Mill Pond which borders the southwestern parts of the Site.

The Hockanum River runs from southeast to northwest through the abutting former Amerbelle Mills property in a stone lined raceway. A portion of the River was diverted through Daniel's Mill, at one time, but the raceway to Daniel's Mill is currently blocked off.

2.3 BEDROCK AND SURFICIAL GEOLOGY

According to the *Bedrock Geological Map of Connecticut* (Rodgers, Yale University, 1985), bedrock beneath the Site is mapped as the Glastonbury Gneiss, consisting of light colored medium to coarse grained, well foliated, granitic gneiss.

The *Surficial Materials Map of Connecticut, USGS* (Stone, et. al., 1992) indicates glacial ice-laid deposits at the Site consisting of glacial till. In general, overburden materials were observed to consist of sands and silts with various amounts of gravel, cobbles and boulders encountered at depth (see GZA Phase II soil boring logs in Appendix D). Foreign materials, such as glass, brick, and asphalt fragments were observed in shallow soils at several borings indicating the historical placement of fill at the Site. The thickness of the overburden materials (above bedrock) was found to vary across the Site, from less than 4 feet to 20 feet below grade.

2.4 HYDROGEOLOGY

As indicated in the data presented in Table 2, depth to groundwater was measured on three separate instances for the Phase II investigation. In order to better understand groundwater flow patterns, GZA measured depth to water in on-site wells as well as monitoring wells on the adjacent former Amerbelle Mills (Amerbelle) property to the southeast. On August 5, 2015, a comprehensive round of depth to groundwater measurements was collected from the two on-Site wells and 13 wells on the Amerbelle property. On-site groundwater was reported at depths ranging from 19.92 feet (well MW-1) to 32.66 feet below the ground surface (bgs). The groundwater surface at the Site appears to be below the bedrock surface.

Groundwater in bedrock wells on the Amerbelle property was measured at depths ranging from 5.72 feet (well ME-1) to 19.06 feet bgs (well MW-02) at the time of the Daniel's Mill groundwater sampling event. Based on groundwater elevation data collected at the site on August 5, 2015, groundwater is inferred to wrap around the building and generally flow towards American Mill Pond. Groundwater under the western portion of the building is inferred to flow south/southwest and groundwater under the eastern portion of the building is inferred to flow to the west to northwest (see Figure 3); also toward American Mill Pond.

The Hockanum River and American Mill Pond are classified by the State of Connecticut as Class B Surface Waters (CTDEEP, 2013). Such inland surface waters are known or presumed to be suitable for the following designated uses: recreational use, fish and wildlife habitat, agricultural and industrial supply, and other legitimate uses (CTDEEP, 2013).

3.0 CONCEPTUAL MODEL

3.1 SUMMARY OF PREVOUS INVESTIGATIONS

The previous reports (see Appendix B) identified and described RECs and constituents of concern (COCs). The following lists provide a summary of RECs identified in the two previous Phase I ESA reports.

The 2011 Phase I ESA revealed the following eight RECs associated with the Site:

1. Historic site usage as former fireproof paint, wax and insecticide manufacturers
2. 1,000-gallon AST located within northeast corner of basement
3. Twelve (12) 425-gallon ASTs located on exterior concrete platform
4. Former 1,000-gallon UST located beneath collapsed building
5. Two former 2,000-gallon USTs located beneath loading dock
6. Exterior 4,000-gallon UST located along northern portion of building
7. Potential USTs located along northern portion of building
8. Abutting Brownfield Site

The 2014 Phase I ESA revealed the following seven RECs associated with the Site:

1. Former Furnace & Fuel-Oil AST Area (basement)
2. Former Floor Drain (basement)
3. Historical AST Storage Area
4. Former/Current USTs
5. Loading Dock
6. Former Pad-Mounted Transformer
7. Urban Fill

According to the 2014 Phase I ESA, "activities that would qualify the facility as an "establishment" have not been identified." However, the 2014 Phase I ESA indicates, wastes may have been generated prior to the implementation of RCRA in 1980. At this time, GZA does not consider the Site an "establishment" based on information presented in previous Phase I ESA reports.

Based on GZA's review of information previously discussed in this report, the real property and/or business operation which is the subject of this report does not appear to be an "establishment" under the Connecticut Transfer Act because the activities in subsection (A) of the definition of "establishment" appear to have not occurred and there is no documentation of hazardous waste generation at the Site.

Any final opinion or determination as to whether a transaction is subject to the Connecticut Property Transfer Act is a legal one, and advice of legal counsel should be obtained for such purpose.

3.2 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs) AND CONSTITUENTS OF CONCERN (COCs)

After reviewing the findings in the 2011 and 2014 Phase I ESA reports, GZA prepared a consolidated list of on-Site RECs. Certain RECs identified by others were combined due to overlap. The following RECs were assessed as part of GZA's Phase II investigations.

1. REC 1 - Parking lot (urban fill placed on the Site)
2. REC 2 - Two former fuel oil USTs below former loading dock
3. REC 3 - Loading dock
4. REC 4 – Six former/current USTs along northern side of the Site building
5. REC 5 - Former boiler and AST in northwest corner of basement
6. REC 6 - Historic use of the building (interior manufacturing operations)
7. REC 7 - Former exterior solvent ASTs (on platform adjacent to elevator)
8. REC 8 – Former transformer area
9. Site Groundwater, including potential impacts from upgradient Amerbelle Mill property

Attached, Table 1 provides additional detail on the RECs identified above. Table 1 includes constituents of concern (COCs) inferred to be associated with each REC based on our knowledge of historical Site operations, and describes inferred mechanisms for potential releases of COCs to the environment. GZA investigation of each REC is described in Section 5.0 of this report. The locations of RECs are shown on Figure 2.

3.3 CONCEPTUAL SITE MODEL

The primary release mechanism for the majority of the Site's RECs is inferred to be the release of hazardous constituents or petroleum/oils to the building's floor slab or exterior paved surfaces to the soils below via cracks and/or joints within those surfaces. Exceptions to this pattern would be the release of materials directly to subsurface soils from underground storage tanks (USTs), or their associated piping, found north and west of the Site building. Releases from Site RECs would have the potential to migrate downward through subsurface soils to the water table below. In the case of chlorinated solvents, as they are relatively immiscible in water and typically have densities greater than water, a release of a sufficient quantity could form a dense non-aqueous phase liquid (DNAPL), which could migrate down through saturated soils below the water table to the bedrock surface and potentially into the bedrock through cracks and joints within that medium.

3.4 APPLYING THE REMEDIATION STANDARD REGULATIONS

As part of our Phase II assessment of environmental conditions at the Site, laboratory analytical results for soil and groundwater samples were compared to the remedial standards as set forth in Sections 22a-133k-1 through -3 of the Regulations of Connecticut State Agencies (RCSA), also known as the "Remediation Standard Regulations" (RSRs) most recent revision dated June 27, 2013. The criteria applicable to constituents of concern released to Site soil include the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria for a GB groundwater classified areas (GB-PMC), as defined under the Section 22a-133k-2 of the RSRs. The criteria applicable to the Site groundwater include the Surface Water Protection Criteria (SWPC) and Groundwater Volatilization Criteria (GWVC), as defined under Section 22a-133k-3 of the RSRs. A description of each of these criteria as well as their applicability to the Site is presented below.

3.4.1 Direct Exposure Criteria (DEC)

In soil, compliance with Direct Exposure Criteria (DEC) is evaluated through comparison of mass-based concentrations of contaminant constituents to established numerical criteria. The purpose of the DEC standard is to protect human health from risks associated with direct contact and/or ingestion of soil contaminants. Compliance with the DEC can be shown when the 95% upper confidence level of the mean of COC concentrations within a release area are less than the DEC. Otherwise, compliance is shown when all reported concentrations within the release area are less than the DEC.

The DEC are applicable to soil within 15 feet of ground surface. Separate criteria are established for residential (R-DEC) and industrial/commercial (I/C-DEC) areas. However, use of the less stringent industrial/commercial standards requires the owner of the property to place an Environmental Land Use Restriction (ELUR) on the property land records prohibiting use of the property for residential purposes. The DEC standards do not apply to "inaccessible soils", which are defined as soils more than four feet bgs or two feet below qualifying pavement (>3-inches thick) or below an existing building, provided an ELUR is in effect prohibiting the disturbance of the overlying soil, pavement and/or building. Table 3 provides a summary of soil analytical results in comparison to the R-DEC and I/C-DEC for Site COCs

3.4.2 Pollutant Mobility Criteria (PMC)

Concentrations of contaminant constituents in soil are also evaluated based on the Pollutant Mobility Criteria (PMC). The purpose of the PMC standard is to evaluate the potential for constituents to leach from the soil and degrade the underlying groundwater. Separate PMC standards are contained within the RSRs for sites located in Class GA and GAA groundwater areas versus those located in Class GB groundwater areas. Because the Site is located in a Class GB groundwater area, compliance with pollutant mobility criteria was evaluated using the GB-PMC.

For organic constituents, this evaluation can be performed by either: 1) using samples analyzed for total mass concentrations and comparing directly to the baseline PMC criteria presented in the RSRs, or 2) subjecting soil samples to the Synthetic Precipitation Leaching Procedure (SPLP) and comparing the concentrations in the extract to the GWPC (sometimes referred to as the "leachate based PMC"). Inorganic constituents (metals, cyanide, and PCBs) are evaluated based on SPLP data. As a conservative screening approach when SPLP data are not available, the maximum potential leachable concentrations in a sample can be estimated by dividing total mass concentrations by twenty (or conversely comparing mass-based data to 20 times the extraction based PMC). Actual leachable concentrations are generally well below this calculated maximum. As explained in Section 5.3, concentrations of mass metals in Site soils were evaluated for compliance with GB-PMC based on an assessment of SPLP analyses of Site soils having similar mass concentrations.

The GB-PMC do not apply to soil located below the seasonal high groundwater table, or to soils that have been rendered "environmentally isolated" (i.e., below a building, other permanent structure or approved engineered control), as long as an appropriate Environmental Land Use Restriction (ELUR) has been established. The soil data summary table (Table 3) provides analytical results in comparison to the GB-PMC for COCs identified in Site soils.

3.4.3 Groundwater Protection Criteria (GWPC)

The GWPC apply to areas where groundwater is or may be used as a potable water supply. Because the Site is located within a GB area and residential properties near the Site are supplied with public drinking water, the GWPC are not applicable to the groundwater at the Site.

3.4.4 Surface Water Protection Criteria (SWPC)

The SWPC are intended to provide an indication as to whether polluted groundwater discharging to a surface water could potentially cause degradation to the quality of the surface water body to a level where applicable Water Quality Standards are not being met. Compliance with the SWPC must be met at the point of discharge of the groundwater plume to the surface water body and may be determined by either a direct comparison of constituent concentrations to established numeric standards or by a number of alternative methods, including calculation of alternative SWPC criteria or Site-specific SWPC, with approval of the Commissioner. The groundwater data summary table (Table 4) provides SWPC for COCs identified through laboratory analyses of Site groundwater.

3.4.5 Groundwater Volatilization Criteria (GWVC)

GWVC are intended to protect human health from risks associated with inhalation of volatile organic vapors which could potentially migrate up into occupied building areas from VOC constituents present within the underlying groundwater. Separate criteria are established for residential (R-GWVC) and industrial commercial (I/C-GWVC) areas. However, use of the less stringent industrial/commercial standards requires the owner of a property to establish an ELUR on the property preventing the use of the property (or the applicable portion of the property) for residential purposes. The GWVC are applicable to VOC concentrations in groundwater to depths of 15 feet bgs or the lowest level floor slab. The groundwater data summary table (Table 4) provides a comparison of detected VOC concentrations in Site Groundwater to both the R-GWVC and I/C-GWVC for comparative purposes.

3.4.6 Soil Vapor Volatilization Criteria (SVVC)

Where GWVC may be exceeded, SVVC can be used as a means of demonstrating compliance. SVVC are intended to provide an indication as to whether concentrations of gaseous phase volatile organic compounds (VOCs) in unsaturated soils are at levels that could pose an unacceptable risk of exposure to occupants within a building or some other habitable structure if those vapors were to intrude into and accumulate within that structure. Separate criteria are established for residential (R-SVVC) and industrial commercial (I/C-SVVC) areas. However, use of the less stringent industrial/commercial standards requires the owner of a property to establish an ELUR on the property preventing the use of the property (or the applicable portion of the property) for residential purposes. Compliance with

SVVC may be achieved when the concentration of the volatile vapors below the structure are found to be less than the established numeric criteria at each representative sample location. The soil vapor data summary table (Table 5) provides a comparison of detected VOC concentrations in Site soil vapor to both the R-SVVC and I/C-SVVC for comparative purposes.

4.0 SCOPE OF WORK AND FIELD ACTIVITIES

As indicated in Section 1.0 above, GZA's Phase II ESA was developed based on information from previous environmental investigation reports by others. A brief description of each of the RECs identified at the Site, the release mechanism, the sampling rationale, our conclusions and recommendations are presented in Table 1.

The purpose of the Phase II ESA was to provide an evaluation of soil and groundwater quality at the Site to assess whether residual soil/groundwater contamination is present from historical Site uses and activities.

GZA completed 20 soil borings that were advanced through the overburden at locations where a release was most likely to occur at each REC. Laboratory analysis of 15 soil samples was performed. Two groundwater monitoring wells were installed within the bedrock aquifer. The two new wells were developed to enhance connectivity between the well and surrounding aquifer and groundwater samples were collected from each well for laboratory analysis. Three soil vapor samples were also collected and analyzed for VOCs.

Prior to soil sampling, GZA subcontracted Underground Surveying to perform a ground penetrating radar survey to clear boring locations and look for anomalies indicating USTs and/or piping that might be associated with USTs.

Laboratory analytical results for the above samples were assessed relative to the remedial standards provided in the RSRs, where applicable, and our professional judgment was applied to formulate opinions regarding the releases identified at Site RECs and the need for further investigation.

4.1 SAMPLING RATIONALE

The soil vapor, soil, and groundwater sampling program was designed to assess RECs identified at the Site. The location and depth of the samples collected was selected based on our Conceptual Site Model and inferred release mechanisms derived for each REC. Groundwater, soil and soil vapor analytical results were compared to the applicable numeric standards of the RSRs as described in Section 3.4, above. The following sections summarize GZA's Phase II ESA scope of work. Table 1 and Section 5.0, below, provide detail on the sampling rationale for each REC.

4.2 SOIL VAPOR SAMPLING

Based upon prior assessments on the neighboring Amerbelle property, chlorinated VOCs (including tetrachloroethylene) were identified in the groundwater just upgradient from the Daniel's Mill property. To assess soil vapor, GZA collected three soil vapor samples and a background sample (ambient air in the eastern portion of the basement space was considered background). Two of the soil vapor samples were collected below the floor of the sheet metal workshop addition (SV-1 and SV-2) at the easternmost portion of the Site building and one soil vapor sample was collected in the basement (SV-3) of the Daniel's Mill building. The background air sample was also collected in the basement near SV-3.

Soil gas samples were collected using GeoProbe™ manual sampling equipment. At each sampling point, GZA drilled a pilot hole through the concrete floor slab and advanced a stainless steel vapor probe approximately one foot into the soils below the floor using an electric hammer drill. The pilot hole around the steel probe was filled with modeling clay to form a seal around the probe at floor level. Sample tubing was connected to the upper portion of the probe and residual air was purged from the probe and tubing using a peristaltic pump before a soil vapor sample was collected. After purging, a sample of soil vapors below the floor slab was collected using a pre-evacuated (negative pressure) SUMMA canister. Soil vapor samples were kept in a cooler with ice until they could be delivered to a CT DPH Certified laboratory for analysis of VOCs by EPA Method TO-15.

During purging, GZA measured and recorded flow rate and vacuum pressure within the tubing and screened soil vapors within purged air for VOC vapors using a MiniRae Lite organic vapor meter (OVM). A flow meter was used during purging to measure the rate of air flow from the probe. The PID readings range from non-detect to 145.9 parts per million (ppm). Measurements and data generated during sampling were recorded on field data sheets, copies of which are provided in Appendix C. Soil vapor sampling locations are shown on Figure 2 and a summary of soil vapor analytical data are provide on Table 5.

4.3 TEST BORINGS AND SOIL SAMPLING

In July 2015, GZA advanced 20 soil borings at the Site using a GeoProbe® 6610 direct-push unit or, at restricted locations, using a GeoProbe® 420 direct-push unit. Boring locations are shown on Figure 2.

Soil samples were collected from the borings continuously in up to 5-foot intervals using stainless steel GeoProbe® soil samplers outfitted with clean acetate sleeves to preserve sample integrity. The recovered soil samples were observed in the field by GZA's staff for indicators of a release (e.g., staining, discoloration and/or odors), and grain size descriptions of the samples were recorded using a modified Burmister soil classification system. Selected portions of sampled soils were placed in clean glass jars and field screened for organic vapors with a photo-ionization detector (PID). Soil sample grain size

descriptions, field observations and PID field screening readings were recorded on soil boring logs presented in Appendix D of this report.

Representative soil samples collected from the borings were placed in certified clean containers supplied by the analytical laboratory and preserved in accordance with analytical methodology. All soil samples were placed on ice in coolers and submitted under chain of custody control to Phoenix Laboratories, a Connecticut Department of Health Services certified environmental laboratory, for analysis of one or more of the following contaminant parameters:

- VOCs via EPA Method 8260;
- PAHs via EPA Method 8270D;
- ETPH via the Connecticut Department of Health Services methodology;
- Total and SPLP metals[1] using EPA Methods 6010, 7471 and 1312;
- Pesticides via EPA Method 8081;
- Alcohols; and
- PCBs via EPA Method 8082A.

Complete chain of custody control was maintained for the samples until they were received by the laboratory. Laboratory analytical reports and chain of custody records for soil samples are provided in Appendix D. Soil analytical results are summarized in Table 3.

The soil borings were advanced to depths ranging from 1 to 23 feet below grade. GZA notes, at many boring locations refusal was encountered and the depth of refusal may indicate the depth of bedrock below the Site building. GZA notes that bedrock was observed to extend through the concrete walls of the building in the northeast corner of the basement. Subsurface materials generally consisted of fill containing fine to coarse sands and silts with varying degrees of gravel, cobbles and boulders. Debris observed in fill materials included asphalt fragments, brick and glass as noted on soil borings in Appendix C.

4.4 MONITORING WELLS

GZA installed two new monitoring wells (MW-1 and MW-2) as part of our Phase II investigation. The wells were installed in bedrock by driving casing to refusal into the upper bedrock surface and then drilling into the bedrock using an air rotary GeoProbe® drill rig. The locations of the newly constructed monitoring wells are shown on Figure 2.

Monitoring wells were constructed with 2-inch diameter, schedule 40, flush-joint thread, polyvinyl chloride (PVC). Screened sections of the wells were installed to span the water table. The length of the installed well screens was 10 feet. At each well location, a sand filter pack was installed within the boring annulus around the well screen, extending to 1

[1] Metals are arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, and copper.

to 2 feet above the top of screen. A minimum 2-foot thick bentonite seal was then placed on top of the filter sand and the remaining annulus was backfilled with auger spoils. The monitoring wells were completed at the ground surface with steel flush-mounted road-box protective covers set in a concrete collar. A summary of well construction details is presented in Table 2. Monitoring well logs for MW-1 and MW-2, which include a description of geologic materials encountered, well construction details and other recorded drilling data, are presented in Appendix D.

After installation was completed, the monitoring wells were developed by alternately surging and purging groundwater. Well development removes fines (clay and silt sized particles) from the aquifer matrix immediately surrounding the screened portion of the well, which improves the hydraulic communication between the well and the surrounding aquifer matrix. Well development mitigates sediment in the well which can interfere with laboratory analyses. The wells were left undisturbed for a period of about one week prior to sampling to allow groundwater conditions to stabilize.

4.5 GROUNDWATER SAMPLING

GZA sampled groundwater from newly installed wells MW-1 and MW-2 on July 27, 2015 to assess groundwater quality at the Site. Prior to sampling, GZA measured and recorded the depth to groundwater within each well. Groundwater from MW-1 was sampled using a peristaltic pump; the end of the sampling tube was positioned at the approximate midpoint of the saturated portion of the well screen. Groundwater was purged from the well prior to collecting a sample following EPA low stress/low flow sampling procedures. Under these procedures, groundwater was extracted from the wells at low flow rates that would induce a minimum amount of groundwater drawdown (<0.3 feet) and create minimum turbidity (<5 NTUs) during sampling. The USEPA and CTDEEP recommend using low stress/low flow groundwater sampling methodology to collect representative groundwater samples.

Depth to groundwater in well MW-2 was greater than 30 feet and the water column in the well was only one foot. Water in well MW-2 was too deep to sample with a peristaltic pump. Also, the water column in well MW-2 was insufficient for using a bladder pump to sample groundwater. Based on the limitations encountered, GZA elected to sample well MW-2 by removing three volumes of water with a clean, disposable bailer and subsequently collecting a representative groundwater sample with that same bailer.

At MW-1, groundwater quality parameters (oxidation reduction potential [ORP], dissolved oxygen, temperature, specific conductivity, and pH) were monitored during purging within an enclosed flow-through cell using a YSI 556 water quality meter. The turbidity of the purged groundwater was also measured outside the cell using a Micro TPI turbidity meter. Turbidity and water quality parameters were measured at approximately 3 to 5 minute intervals (approximate time for one well volume to discharge) until field parameter readings were stable following EPA guidelines. Groundwater monitoring data was recorded

on field data sheets during well purging and sampling. Copies of the field data sheets are included in Appendix E.

When groundwater monitoring parameters were shown to have reached stable conditions, samples were collected at a constant low flow extraction rate. The samples were placed in certified clean pre-preserved containers supplied by the laboratory, placed in coolers on ice, chilled to approximately 4° C and submitted under chain of custody control to a Connecticut Department of Health Services certified environmental laboratory for analysis of one or more of the following parameters: VOCs via EPA Method 8260, PAHs using EPA Method 8270D, pesticides using EPA Method 8081 and selected metals using EPA Methods 6010, 7471 and 1312[2]. Complete chain of custody control was maintained for the samples from the time they were obtained through the time they were analyzed by the laboratory.

Table 4 indicates the laboratory analyses completed for the groundwater samples obtained from each well and a summary of the analytical results reported by the laboratory. Copies of the laboratory reports with sample Chains of Custody records are presented in Appendix E. A discussion of the groundwater sample analytical results and their significance in terms of a potential release at each Site REC and Site-wide groundwater quality as a whole is presented in Section 5.11 of this report.

4.6 GROUNDWATER ELEVATION SURVEY

On July 27, 2015, GZA surveyed the two newly installed monitoring wells. The top of the PVC riser pipe for each well was surveyed relative to the elevation of the ME-6 well (also a bedrock well) located on the adjacent Amerbelle property. Well ME-6 provided a reference datum to assess Site groundwater elevations relative to each other and to bedrock aquifer groundwater levels on the adjacent Amerbelle property. The survey was conducted using a tripod-mounted laser level and a stadia rod. An arbitrary elevation of 100 feet was used for the top of the PVC riser at ME-6. The calculated elevations for on-Site monitoring wells (see Table 2) were then used as reference points, along with depth to water measurements, to develop groundwater contours.

GZA measured the depth to groundwater within the Site wells prior to groundwater sampling on July 27, 2015. GZA revisited the Site on August 4 and 5, 2015 to collect depth to groundwater measurements at the two Site wells and the wells located on Amerbelle property. Depth to water measurements were used to calculate groundwater elevations relative to the elevation datum established at each well (top of PVC well riser). Depth to water measurements were recorded on a water level measurement log, copies of which are presented in Appendix E.

Using the above depth to groundwater measurements from August 2015, the relative elevation of the groundwater table at each bedrock monitoring well was calculated and

[2] Metals are arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, and silver.

plotted on Figure 3 with inferred bedrock groundwater elevation contours and groundwater flow directions based on that data. The direction of groundwater flow across the Site is inferred to wrap around the building and generally flow towards American Mill Pond based on available data. Groundwater under the western portion of the building is inferred to flow south to southwest and groundwater under the southern portion of the building is inferred to flow to the west to northwest.

5.0 SUMMARY OF REC INVESTIGATIONS AND COMPARISON TO THE REMEDIATION STANDARD REGULATIONS (RSRs)

The following sections summarize soil, groundwater and soil vapor testing procedures for each area of concern and discuss laboratory analytical results in the context of the Remediation Standard Regulations (RSRs).

RECs and sampling locations are shown on Figure 2. The results of laboratory analyses of samples collected during this investigation are presented in Tables 3 through 5. Boring logs documenting subsurface conditions encountered are included in Appendix D. Copies of laboratory analytical reports for soil samples are included in Appendix D and groundwater reports are in Appendix E.

Section 5.1 provides a discussion of laboratory data quality for the samples, Sections 5.2 and 5.3 provide a discussion of constituents of concern found in Site-wide fill (observed below pavement as well as below the building), and Sections 5.4 through 5.10 provide discussions of environmental conditions at each REC. Section 5.11 provides information on Site-wide groundwater quality.

5.1 REASONABLE CONFIDENCE PROTOCOL ANALYSIS: DATA QUALITY

Laboratory analyses for soil, groundwater, and soil vapor samples collected at the Site by GZA were completed using CTDEEP Reasonable Confidence Protocol (RCP) methodologies. The CTDEEP recommends the use of RCP methodologies in the analysis of environmental samples to ensure and demonstrate that adequate quality assurance and quality control (QA/QC) was maintained by the laboratory during performance of the analytical procedures. Laboratory case Narratives explaining non-conformances with RCP QC test requirements and the QA/QC packages that accompanied the laboratory results were assessed to evaluate the "*usability*" of the data produced following the procedures outlined in the May 2009, CTDEP *Laboratory Quality Control Assurance and Quality Control, Data Quality Assessment and Data Usability Evaluation Guidance Document* (DQA/DUE Guidance).

QA/QC tests completed included the periodic analysis of laboratory control samples (LCS) and analysis of matrix spike (MS) and matrix spike duplicate (MSD) samples as a measure of variability of the results produced by the laboratory methods employed and the precision and accuracy of the laboratory analytical results reported. QA/QC tests

performed also included the analyses of trip blank samples to measure any cross-contamination between samples for VOCs.

Trip blanks were collected and submitted for lab analysis with each set of soil and groundwater samples. No VOCs were detected in the trip blanks, indicating no cross-contamination occurred.

In conformance with DQA/DUE guidance, RCP non-conformances identified within the QA/QC case narratives by the analytical laboratory were summarized on Data Quality Assessment Worksheets and Data Usability Assessment Evaluation Forms along with the inferred potential high or low bias of the data as indicated by those results. A summary of our evaluation of the laboratory QC test results that were reported outside established RCP conformance for site soils, groundwater and soil vapor samples is presented in the tables in Appendix F.

One soil sample was analyzed for VOCs past holding time, B-11 (0.5-2). Several VOCs were detected in the sample. There is a potential low bias due to the holding time exceedance, however for the purposes of this Phase II investigation, the data is usable for its purpose of identifying areas where further investigation is necessary to determine the nature and extent of any releases.

Matrix interference was noted for two samples, likely due to interference from PCB levels in the samples. This does not affect usability since the presence of PCBs provides sufficient information to make decisions regarding the next phase of investigation. Sporadic potential high biases were noted for various compounds. However, a high bias does not affect the data usability for its intended purpose. Sporadic potential low biases were noted for various compounds. However, other supporting QA/QC, such as LCS and MS, helped support GZA's opinion that the data is usable for its intended purpose.

5.2 METALS IN SITE SOILS COMPARED TO DIRECT EXPOSURE CRITERIA

As shown on Table 1, soil samples from Site RECs were tested for one or more metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver and copper).

Certain metals detected in soil samples from borings B-1, B-2, B-5, B10 and B-13 were above laboratory MRLs but below RSR criteria. These metal concentrations are similar across the Site and consistent with naturally occurring metal concentrations in native soils and/or clean fill, therefore, it is GZA's opinion that metals in these samples do not indicate a release.

However, arsenic and lead in the sample from boring B-7 and lead in the sample from boring B-19 were detected above the R-DEC and I/C-DECs for those metals. Other metals in these samples were found at concentrations similar to those in borings B-1, B-2, B-5, B10 and B-13. Based on the available data, it is GZA's opinion that the lead and arsenic found

at B-7 and lead found at B-19 indicate a release of metals within REC-6 (historical building operations). A more detailed discussion of REC-6 investigations is presented in Section 5.9, below.

5.3 METALS IN SITE SOILS COMPARED TO POLLUTANT MOBILITY CRITERIA

To evaluate metals compliance with GB-PMC, which are applicable to the Site, GZA reviewed analytical results for total metals analyses, and selected samples with the highest metals concentrations for additional analysis by synthetic precipitate leaching procedure (SPLP). Soil samples submitted for SPLP analysis were as follows:

- B-2 (0.5-2) for SPLP lead
- B-7 (3-5) for SPLP arsenic and lead
- B-10 (0.5-2) for SPLP lead
- B-19 (0.5-3) for SPLP lead and barium

SPLP analytical results indicated each of the samples had metals concentrations that were below the current GB-PMC. Based on the SPLP analytical results for samples with the highest metals concentrations, it is GZA's professional opinion that other samples with lower concentrations of metals by mass analysis would also be in compliance with GB-PMC. Therefore, GZA concludes that no metals exceed Pollutant Mobility Criteria at the Site.

5.4 REC 1: PARKING LOT (URBAN FILL)

Based upon review of Sanborn Fire Insurance Maps (Sanborns), it appears the western parking lot at the Site was filled between 1892 and 1897. Other portions of the Site also contain fill (i.e. the eastern side of the building between the Site and the Amerbelle property). However, there is no documentation indicating when other portions of the Site were filled. No prior investigation of the fill in the western parking lot has been conducted based on GZA review of previous reports made available to us (see Section 1.0).

Constituents of concern associated with Site-wide urban fill are VOCs, ETPH, PAHs, metals, and PCBs which could pose a direct exposure risk if fill is excavated during Site redevelopment or could potentially leach to groundwater.

GZA completed borings B-5 and B-6 to depths of 14 and 15 feet bgs, respectively, in the parking area west of the Site building. Soils in these two borings appeared similar. The borings were drilled to refusal, which is presumed to be the approximately depth of bedrock. Representative soil sample B-5, collected from 5 to 7 feet bgs, was submitted to the laboratory for analysis of VOCs, PCBs, PAHs, ETPH and RCRA-8 metals plus copper. A sample was collected from boring B-6 for laboratory analysis but this sample was put on hold pending the results for sample B-5 which was analyzed.

No VOCs, PCBs or ETPH were detected in the soil sample from boring B-5. Benzo(a)pyrene and metals (arsenic, barium, chromium, copper, and lead) were detected at trace concentrations below R-DEC and GB-PMC. Low concentrations of PAHs are inferred to be from asphalt fragments in the fill and metals concentrations appear consistent with clean fill and/or native soil. The B-6 sample was not analyzed since soils observed at B-5 and B-6 were similar and the sample from B-5 did not contain COCs at significant concentrations.

Analytical results for the B-5 soil sample indicate fill materials in the parking lot contain trace concentrations of metals and PAHs below RSRs, however, metals do not appear to be elevated compared to naturally occurring metals concentrations and trace PAHs in this sample are likely due to small asphalt fragments in the fill. No significant releases were identified in the fill below the western parking lot.

5.5 REC 2: TWO FORMER FUEL OIL USTs BELOW FORMER LOADING DOCK

Based upon information provided in the 2014 Phase I ESA, two USTs were formerly located beneath the western portion of a loading dock situated between the parking lot and American Mill Pond. In 2008, the western portion of the loading dock which was over the USTs collapsed and, according to a CTDEEP report, one 1,000-gallon UST was dislodged and tumbled down an embankment into the American Mill Pond along with parts of the loading dock. This UST was removed from the pond. According to a 1969 building permit for the Site, a leaking tank was removed (location not specified) and replaced with either a 4,000-gallon UST or two 2,000-gallon USTs located under a 10 by 48 foot addition. However, the 2011 Phase I ESA indicates these two tanks to be farther north near the stairs leading to the basement.

In order to clear soil boring locations prior to drilling and to assess areas suspect for USTs, a ground penetrating radar (GPR) survey was performed to look for anomalies that could potentially infer the presence of a UST. No anomalies were found in the western parking lot that would indicate the presence of USTs. However, smaller linear anomalies consistent with UST piping were observed to extend from the former boiler room area west toward the area where two USTs were reported in the 2014 Phase I ESA. No larger anomalies that might indicate one or more USTs were found at the west end of the piping anomaly. The alignment of the piping anomaly matched cast iron pipes that extended through the basement wall at the adjacent west end of the Site building. Based on the survey data, it is GZA's opinion that there are no remaining USTs in the western parking lot area. We note that the presence of the current loading dock prevented use of the GPR equipment immediately adjacent to the Site building and it is possible that a relatively small (2,000-gallons or less) UST could potentially be present beneath the existing loading dock; however GZA observations and GPR data suggest the presence of USTs in this area is unlikely.

Constituents of concern associated with this REC are VOCs, ETPH, and PAHs, that are components of petroleum and the suspect release scenarios would be a release to ground

surface from overfills/spills or a release to sub-surface soils from holes in the tank(s) or cracks in the feed, vent or return lines.

As part of the Phase II investigation, GZA completed two borings (B-3 and B-4) to depths of 23 and 10 feet bgs, respectively. Boring B-3 was drilled to refusal (presumed bedrock surface). Soil samples B-3 and B-4 from 8 to 9 feet bgs (the depth where the presumed bottom of the tanks would be) were submitted to the laboratory for VOC, PAHs, and ETPH analysis.

No VOCs, PAHs or ETPH were detected in the soil samples.

Data indicate no evidence of a release from the USTs west of the Site building. No further action is recommended.

5.6 REC 3: LOADING DOCK

A loading dock is located on the western side of the building. Based upon a review of the 2011 and 2014 Phase I ESAs, various chemicals and petroleum products were used at the Site historically. These chemicals may have been loaded/unloaded from this loading dock.

Constituents of concern associated with this REC are VOCs, ETPH, PAHs, PCBs, metals and pesticides that could have been spilled to the parking lot and seeped through cracks in the pavement to soils below, with potential infiltration to groundwater.

GZA completed two borings (B-1 and B-2) to depths of 14.5 and 20.5 feet bgs, respectively, immediately adjacent to the loading dock. Both borings were drilled to refusal (presumed depth of bedrock). Soil sample B-1 and B-2 from 0.5 to 2 feet bgs were submitted to the laboratory for VOC, PAHs, ETPH, PAHs, PCBs, metals (total and leachable) and pesticide analysis. Boring B-2 was also converted to a monitoring well.

No pesticides, PAHs, or ETPH were detected in the two soil samples. No VOCs were detected in the sample from B-1. Metals (arsenic, barium, chromium, copper, and lead) were detected in both samples (B-1 and B-2) but at low concentrations below R-DEC and GB-PMC; it is GZA's opinion that the metals detected do not indicate a release as they are consistent with naturally occurring metals concentration. Leachable lead was detected in B-2 at 0.015 mg/L below applicable GB-PMC criteria. In B-2, toluene was found at 0.0057 mg/kg which is below R-DEC and GA-PMC. PCBs were detected at 6 mg/kg above the R-DEC of 1 mg/Kg. GZA notes, transformers were formerly staged near boring B-2 according to Town maps and the Site contact (see Section 5.11). The PCBs detected in B-2 potentially indicate a release from a transformer or a release of PCBs during the unloading of equipment/materials at the loading dock, since PCBs were detected at elevated concentrations in soils below the Site building basement floors.

Data indicate impacts to soils by the loading dock. Further investigation to assess the degree and extent of impacts by the loading dock is warranted.

5.7 REC 4: CURRENT/FORMER USTs – NORTH SIDE OF BUILDING

Previous Phase I ESA reports indicate several USTs were present along the north side of the building between the building and East Main Street. The tank identified as UST No. 7 reportedly contained No. 2 Fuel Oil and had a 6,000-gallon capacity. The size of the other five USTs and construction of all six tanks located north of the Site building were not discussed in previous reports and are not identified in regulatory file documents appended to those reports. However, the contents of the tanks were reported in the previous Phase I ESAs as follows:

- Tank No. 4 – Butyl Acetate
- Tank No. 5 – Sopropanol
- Tank No. 6 – Butanol
- Tank No. 7 – No. 2 Fuel Oil (6,000-gallon)
- Tank No. 8 – 2 Nitro Propane
- Tank No. 9 – Formoel

The 2011 Phase I ESA indicates the Site owner reported a 4,000-gallon fuel oil UST containing Bunker C fuel oil located on the north side of the building. Conclusions from the 2011 report speculate this tank may have been a replacement for the tanks identified as REC-2 (west of Site building). According to the previous report issued in 2014 the Site owner indicated a 3,000-gallon No. 6 fuel oil UST was left in place when the boiler located next to the loading dock was removed in 1982. GZA found heating oil UST location and tank size information in previous Phase I ESA reports to be inconsistent.

The GPR survey was also used north of the building where UST fill ports and vent piping were observed by GZA. Unfortunately, the GPR survey could not screen below grade soils beneath the concrete slabs found north of the building between the building and East Main Street. The observed fill and vent pipes infer the USTs are still present but the caps to the fill pipes could not be opened by GZA to assess whether fluids remain in the tanks. Also, utility lines (e.g., natural gas, water) are located below ground in close proximity to the UST area north of the building so exterior borings could not be installed around the UST locations.

Constituents of concern associated with this REC are VOCs, ETPH, PAHs, and alcohols that could release to ground surface from overfills or release to sub-surface soils from tank or line leaks with subsequent infiltration to groundwater.

As part of the Phase II investigation, GZA completed three borings (B-15, B-16, and B-17 (REC-5)) to depths of 3, 6.5, and 5 feet bgs, respectively, inside the building basement, opposite the locations of the USTs. The borings were drilled to refusal (which is inferred to

be the bedrock surface). Soil samples from 0.5 to 2 feet bgs in borings B-15, B-16 and B-17 were submitted to the laboratory for VOC, PAHs, alcohols, and ETPH analysis.

No alcohols, PAHs or ETPH were detected in the soil samples. VOCs were detected in boring B-16. The concentrations of 1,2,4 trimethylbenzene (19 mg/kg) and 1,3,5 trimethylbenzene (5.2 mg/kg) were detected at concentrations exceeding the GB-PMC.

Data indicate a release from the USTs. Further investigation to assess the degree and extent of impacts to soils is warranted.

5.8 REC 5: FORMER BOILER AND AST – NORTH CORNER OF BUILDING

According to the 2014 Phase I ESA, the Site was heated by a oil-fired furnace until 1997. The former boiler and associated 1,000-gallon fuel oil AST were located in the northwestern corner of the building's basement and were removed by the Site owner, based on GZA's interview of Site contact, Mr. Sol Cantor.

Constituents of concern associated with this REC are VOCs, ETPH, and PAHs, that could have been released to the floor and seeped through cracks or joints to soils and groundwater.

GZA completed one boring (B-17) to a depth of 5 feet bgs where refusal was encountered on the presumed bedrock surface. We note that the depth to bedrock is highly variable in the Site vicinity. Soil sample B-17 was collected from 0.5 to 2 feet bgs and was submitted to the laboratory for VOC, PAHs, and ETPH analysis.

No VOCs, PAHs or ETPH were detected in the soil sample.

Data indicate no evidence of a release from the furnace or AST. No further action is recommended.

5.9 REC 6: HISTORIC USE OF BUILDING.

Based upon prior reports, the Site was first developed as a textile mill which manufactured cotton, stockinet, and wool products. After the Site ceased textile operations it was used to produce fire retardant paints and mastic and insecticides. Other past tenants at the Site include a salvage company, outboard motor center and furnace brokers. A more comprehensive history of the Site is described in Section 2.0.

Constituents of concern associated with this REC are VOCs, PCBs, pesticides, PAHs, ETPH, total and leachable metals and alcohols that were potentially used in historic Site operations and could have been released to the floor and seeped through cracks or joints to soil below the floor and subsequent infiltration to groundwater.

Soil Gas Samples

As part of the Phase II investigation, GZA collected three soil gas samples and one background soil gas sample. Soil gas samples were collected on the eastern portion of the Site building in the sheet metal workshop (within the eastern building addition) and basement (of the main Site building) to assess potential VOC migration from releases in the metal shop or at the adjacent Amerbelle property (chlorinated solvents are known to have impacted soils and groundwater at the Amerbelle property). The background sample was collected from the basement. Soil gas sample locations are provided on Figure 2 and a summary of soil gas results is provided in Table 5.

Soil Borings

GZA completed ten borings (B-7 through B-10, B-12 through B-14, B-18, B-19, and B-20). Exterior borings B-7 and B-8 were drilled to depths of 20 and 14 feet bgs, respectively, and interior borings B-9, B-10, B-12, B-13, B-14, B-18, B-19 and B-20 were drilled up to 3.5 feet below grade in the basement. Refusal was encountered (presumably on bedrock) at each of these locations, except for boring B-7 which was extended into rock so that a monitoring well could be installed.

Soils in the basement were observed to be a brown to red-brown sand, similar to the soils (fill) found in the western parking lot. Six soil samples from borings B-7, B-10, B-12, B-13, B-14, and B-19 were submitted to the laboratory for one or more of the following analyses: VOCs, PCBs, pesticides, PAHs, ETPH, metals and alcohols.

Borings B-7 and B-8 were drilled to assess Site soil/fill on the east side of the Site near doorways that opened onto an alley between the Daniel's Mill property and the Amerbelle property. A soil sample from B-7 was collected at 3 to 5 feet bgs in fill containing brick and asphalt to characterize the fill placed on the eastern portions of the Site. Also, boring B-7 was completed as monitoring well MW-2 to assess groundwater quality in the vicinity of the on-Site sheet metal shop and the adjacent Amerbelle mill building where petroleum and VOC impacts have been documented. Impacted groundwater emanating from the Amerbelle property could potentially migrate onto the Daniel's Mill site.

Boring B-9 was completed in the portion of the Site building that extends to the south. No evidence of impacts or urban fill were noted at this location and no samples from Broing B-9 were submitted to the laboratory for analysis.

Borings B-10, B-12, B-13, B-14 and B-20 were drilled in the northern part of the basement to assess former Site operations. Concrete equipment support pedestals were observed in this area and it appears these pedestals supported former mill or paint manufacturing equipment.

Borings B-18 and B-19 were drilled in the western portion of the basement near heating oil AST piping and a floor drain/sump, respectively.

Soil samples were submitted to the laboratory for one or more of the following analyses VOCs, pesticides, PAHs, ETPH, total and leachable metals, alcohols, and PCBs.

Laboratory Results

- Soil gas: VOCs were detected in soil vapor in the sheet metal workshop, in the eastern side of the basement, and in ambient air from the basement. Concentrations of VOCs are below applicable standards.

- B-7 soil sample: Concentrations of VOCs, PCBs, PAHs, ETPH, and total metals were detected. The concentrations of PCBs (11mg/kg), select PAHs, arsenic (16 mg/kg) and lead (781 mg/kg) exceed R-DEC and/or GB-PMC.

  Data indicate a release to soils at B-7 which is located in an area of urban fill and is just south of the current metal workshop. The soil sample from this boring exceeded R-DEC, I/C-DEC and/or GB-PMC for PCBs, select PAHs, arsenic and/or lead. The detected impacts may be related to poor quality fill (asphalt fragments were present in the fill) or releases from the current metal workshop or past factory operations.

- B-10 soil sample: trace concentrations of VOCs, PAHs, and total and leachable metals (lead) were detected below applicable criteria. The trace concentrations of VOCs and PAHs detected indicate a release.

- B-12 through B-14 soil samples: VOCs, pesticides, and PAHs were not detected. Trace concentration of metals below RSR criteria were detected in B-13 but the metals detected do not appear to indicate a release. ETPH was detected in B-14 in exceedence of R-DEC which is indicative of a release.

- B-19 soil sample: VOCs, pesticides, and PAHs were not detected. ETPH was detected below R-DEC and GB-PMC. Metals were detected and the concentration of lead at 1,190 mg/kg exceeds R-DEC and I/C-DEC. Based upon SPLP analysis lead is compliant with PMC. The detection of lead in exceedence of R-DEC and I/C-DEC indicates a release.

- PCBs were detected in soil samples from exterior borings B-2 and B-7 at concentrations of 6 and 11 mg/Kg, respectively, and PCBs appear to indicate a release at these two locations. Based upon a review of boring log information and total metals data, soils beneath the building were observed to be similar to those in the western parking lot at B-2. However, boring B-7 is located on the eastern side

of the building and fill materials at this location were observed to be different than the fill below and west of the building.

- Since PCBs were detected in exterior soils collected at borings B-2 and B-7, GZA decided to collect concrete floor samples in the basement and to screen the concrete for PCBs using a Dexsil field screening kit. A more detailed description of Dexsil screening is provided in Appendix G. Findings from the Dexsil field screening indicated the potential for PCBs in the concrete floor, however, the Dexsil manufacturers notes indicate concrete can potentially interfere with the field screening process. Because Dexsil screening results suggested a potential PCB release in the basement, GZA decided to analyze soil samples from interior borings B-10, B-11, B-13, B-14 and B-19 which are located near the locations of the Dexsil screening samples.

  PCBs were detected in samples B-11 (91 mg/kg), B-13 (6.5mg/kg), B-14 (21 mg/kg), and B-19 (0.8 mg/kg). Based upon these results, a release of PCBs to soils below the basement floor is indicated. GZA notes, PCBs were not used in the late 1800s or early 1900s, but were widely used in the 1950s to late 1970s. The detection of PCBs in soil/fill below the Site building appears likely due to historic fire-retardant paint and mastic manufacturing operations (Albi Manufacturing) that took place between 1951 and 1978. Further investigation is warranted to assess the degree and extent of PCB impacts.

Further investigation to assess the degree and extent of impacts to exterior soils on the east side of the building and in the basement is warranted. Further assessment of soils within the sheet metal workshop is also warranted to confirm VOC soil vapor detections.

5.10 REC 7: FORMER EXTERIOR SOLVENT ASTs

Twelve 425-gallon ASTs were formerly located on an exterior concrete platform on the south side of the building next to the elevator shaft. The American Mill Pond is below this platform (no soil/ground surface is present below the platform). Based upon interviews with the Site owner documented in the 2011 Phase I ESA, these tanks were reported to contain solvents used by the former paint manufacture tenant, Albi Manufacturing. According to 2014 Phase I ESA, these tanks were reported to contain acid and were removed by the property owner.

Constituents of concern associated with this REC are VOCs, and PAHs, that could have been released to the floor and seeped through cracks or joints in the concrete floor inside the Site building in the immediate vicinity of the exterior platform.

Since there is no soil beneath the exterior platform, GZA performed a boring immediately north of the platform in the building basement, which is also adjacent to the elevator

entrance and stairwell. GZA completed boring (B-11) to a depth of 3 feet bgs. Soil sample B-11 from 0.5 to 2 feet bgs was submitted to the laboratory for VOC and PAHs analysis.

VOCs (ethylbenzene at 0.029 mg/kg, xylene at 0.123 mg/kg) and PAHs (benzo(g,h,i)perylene at 0.42 mg/kg) were detected in boring B-11 at concentrations below R-DEC and GB-PMC.

Based upon the data, it appears there is a release to soils beneath the floor in the area near the former ASTs and the elevator. It is unclear whether the release is related to former solvent/acid storage in ASTs or to other operations that took place in the basement of the Site building.

Further investigation to assess the degree and extent of impacts to soil below the floor is warranted.

5.11 REC-8: FORMER TRANSFORMER AREA

Based on our review of the 2014 Phase I ESA, pad-mounted transformers were formerly located at the Site. Building Permit (number 8682) which was submitted to the Town of Vernon in October 1969 indicated work to be performed would involve relocating pad mounted transformers to a pole and relocating the electric service to the Site building. Information concerning the location of the transformers was not provided in the Town records.

Based upon a map and building floor plans, included in the 2014 Phase I ESA appendices, three transformers were shown at the southwest corner of the building near the main electrical circuit breakers. Available documents did not indicate if the transformers were pad-mounted or pole-mounted. GZA questioned, Sol Cantor, the current building owner, who indicated the former transformers were mounted on the southern side of the building at the top of the first floor (not ground-mounted on a concrete pad). GZA observed the area where the transformers were reportedly located and observed heavy metal brackets mounted on the exterior wall of the Site building approximately 10-15 above the ground. GZA accessed the area below the metal brackets via a doorway from the building basement and observed the ground surface consisted of stones (rip-rap) with little to no soil present in between the stones. GZA did not observe any indications of a release (e.g., oily staining, petroleum odors) on the rip-rap or the building walls in the vicinity of the metal brackets that might indicate a release from the former transformers.

However, boring B-2 is located in the vicinity of the former transformers, so soil samples at B-2 that were used to assess impacts at the western loading dock could also be used to assess potential impacts from transformers (or possibly from activities in this area when the transformers were removed). PCBs detected in boring B-2 at 6 mg/kg above the R-DEC of 1 mg/kg could be from handling of PCB bearing materials/equipment at the loading dock

or from transformer maintenance and/or closure. Based upon the soil results from B-2, a release is indicated but the source of the release is unknown.

5.12 SITE GROUNDWATER INCLUDING POTENTIAL IMPACTS FROM UPGRADEIENT BROWNFIELD PROPERTY

Groundwater has not been sampled at the Site in the past. To assess Site groundwater quality on-Site and groundwater coming onto the Site from the adjacent Amerbelle property, GZA installed two bedrock wells. As shown on Figures 2 and 3, monitoring well MW-1 is located on the western side of the Site building by the loading dock and MW-2 is located on the eastern side of the Site building, just south of the building addition currently used as a sheet metal shop. A summary of well construction and groundwater sampling methodologies are presented in Section 4.0.

As shown in Figure 3, the direction of groundwater flow within the bedrock at the Site is inferred to wrap around the building and generally flow towards American Mill Pond. Groundwater under the western portion of the building is inferred to flow south to southwest and groundwater under the eastern and southern portions of the building is inferred to flow to the west to northwest.

GZA performed groundwater sampling on July 27, 2015. Groundwater samples were analyzed for VOCs, PAHs, metals, and pesticides. No VOCs or PAHs were detected in Site groundwater at MW-1. Chromium and copper were detected in the groundwater sample from MW-1 below the SWPC. In MW-2 trace concentrations of cis-1,2-dichloroethene and tetrachloroethene (5.6 μg/L and 2.5 μg/L, respectively) as well as select PAHs (ranging from 0.03 to 0.12 μg/L) were detected. Arsenic, barium, chromium, copper, and lead were detected in MW-2. The concentrations of arsenic (5 μg/L), copper (75 μg/L), and lead (78 μg/L) exceeded of SWPC. Dieldrin (a pesticide) was detected in both wells at concentrations of 0.002 and 0.003 μg/L, below the SWPC. GZA notes, insecticides were reportedly produced at the Site between 1952 and 1971.

Based on groundwater analytical results, VOCs, PAHs, and metals have potentially been released to groundwater in the vicinity, or upgradient, of well MW-2. We note that well MW-2 is also downgradient of former Amerbelle property and impacted groundwater emanating from the Amerbelle property could also be the source of groundwater impacts. The concentrations of dieldrin in both wells suggests a release of pesticides at the Site from former on-Site manufacturing operations.

Further investigation to confirm releases to groundwater, assess seasonal variations and to define the extent of groundwater impacts is warranted.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 PHASE II FINDINGS

A Phase II Site assessment was completed in July and August 2015 at 98 East Main Street in Vernon, Connecticut. As part of the Phase II Site assessment, seven RECs plus Site groundwater were assessed. Table 1 provides a summary of the identified RECs at the Site. The Phase II Site assessment included 20 soil borings advanced through the overburden at selected RECs, laboratory analysis of 15 soil samples; installation of two groundwater monitoring wells within the bedrock aquifer beneath the Site; sampling and laboratory analysis of two groundwater samples from the newly installed wells, collection and analysis of 3 soil vapor samples and preparation of this report of findings.

GZA's Phase II subsurface testing has revealed no evidence of releases to Site soil or groundwater except for the following:

- Fill materials below and west of the Site building have trace concentrations of metals and PAHs (likely due to asphalt fragments) but no significant impacts or releases were identified in these fill materials that would impair use of the Site for commercial purposes. However, fill on the eastern side of the Site appears to be impacted with PCBs, PAHs and metals (arsenic and lead) at concentrations above the RSRs. Management of fill materials east of the Site will be warranted if redevelopment of the property is planned.

- A release of PCBs and VOCs to soils at REC-3 (western loading dock) was detected in shallow soils just below pavement. VOCs below RSR criteria and PCBs above R-DEC were detected in soil sample B-2. The detection of PCBs could potentially be related to former electrical transformers (REC-7) that were located at the southwest corner of the Site building, but have been removed.

- A release from one or more of the USTs (REC-4) located between East Main Street and the Site building has been identified. VOCs in a soil sample from boring B-16 exceed GB-PMC and screening during soil sampling noted elevated PID readings.

- VOCs were detected in soil samples from several borings located in the basement of the Site building (REC-6). In addition, ETPH in exceedence of R-DEC and GB-PMC in a soil sample from boring B-14 and lead in a soil sample from B-19 exceed the R-DEC and I/C-DEC. The detected VOCs, ETPH and lead appear to indicate releases from historic Site operations have impacted soils below the basement floor of the building.

- Impacts to Site groundwater were observed in monitoring well MW-2. In this well, VOCs and PAHs were detected below RSR criteria. Several metals in MW-2 were detected above RSR criteria. Dieldrin impacts below RSR criteria were detected in groundwater from the two newly installed monitoring wells at the Site.

- PCBs were detected in soils beneath the basement floor of the Site building (REC-6). Further assessment of soils beneath the building to determine the degree and extent of PCB impacts is warranted.

6.2 CONCLUSIONS AND RECOMMENDATIONS

A Phase II ESA was conducted at the Site consistent with the ASTM 1903-11 standard practice and the CTDEEP Site Characterization Guidance Document to provide an evaluation of potential impacts to soil and groundwater at areas of environmental concern. Releases were detected for RECs 3, 4, 6, and 7 and Site groundwater.

In order to confirm and delineate the extent and degree of soil contamination and confirm whether Site contaminants have impacted groundwater above RSRs seasonally, Phase III testing would need to be conducted. Re-development and re-sampling of the on-Site groundwater wells is recommended to verify laboratory groundwater results, since the wells were sampled soon after installation and may have accumulated silt when the aquifer was disturbed by drilling. Suspended sediment in groundwater can result in false positive detection of contaminants.

7.0 LIMITATIONS

Our Site evaluation was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and we observed that degree of care and skill generally exercised by other consultants under similar circumstances and conditions. Our findings and conclusions must be considered not as scientific certainties, but our professional opinion concerning the significance of the limited data gathered during the course of the preliminary Site assessment. Specifically, we do not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by us during our supplemental environmental Site assessment. This assessment is subject to the Limitations presented in Appendix A.

This study and report have been prepared on behalf of and for the exclusive use of the Town of Vernon solely for use in an environmental evaluation of the Site. This report and findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without our prior written consent. GZA's aggregate liability to all parties who my come to rely on this report is limited to the amount set forth in the Terms and Conditions of our contract and is not hereby expanded. No other warranty, express or implied, is made.

TABLES

Table 1
Recognized Environmental Conditions Assessment Summary
Former Daniel's Mill
98 East Main Street
Vernon, Connecticut

Recognized Environmental Condition (REC)	AOC Description	Release Mechanism	Borings	Samples Laboratory Analyzed	Consituents of Concern								Findings/Conclusions	Recommendations
					VOC-8260	ETPH	PAH	Total RCRA-8 Metals, copper	SPLP Metals	PCBs	Pesticides	Alcohols		
REC 1 - Parking lot (Urban Fill)	The parking lot area on the west side of the Site was filled between 1892 and 1897 according to Sanborn Map data.	Presence of poor quality fill and leaching of contaminants from fill to groundwater.	B-5; B-6	B-5 (5-7)	X	X	X	X		X			Benzo(a)pyrene and select metals detected at low concentrations below R-DEC and GB-PMC. Metals concentrations similar to those found Sitewide.	No further action
REC 2 - Two former fuel oil USTs at former collapsed structure	Either one or two former USTs were reported beneath a former storage building west of west loading dock. A 1,000-gallon UST oil tank fell into American Mill Pond when a portion of the storage building collapsed in 2008. The tank was reported as empty in Town response documents.	1. Release to ground surface due to overfills. 2. Release to sub-surface soils from tank or line leaks. Infiltration to groundwater.	B-3; B-4	B-3 (8-9); B-4 (8-9)	X	X	X						GPR survey indicated no tanks present in western parking lot. VOCs, ETPH, and PAHs are non-detect.	No further action
REC 3 - Loading Dock	A loading dock is located on the west side of the building.	Release of contaminants to the parking lot and seepage through cracks or joints to soils below. Infiltration to groundwater.	B-1; B-2	B-1 (0.5-2); B-2 (0.5-2)	X	X	X	X		X	X		Toluene and PCBs detected in a sample from B-2. PCBs exceed R-DEC.	Data indicate a release. Phase III Assessment is warranted.
REC 4 - Former/current USTs along northern side of the Site building	Previous Phase I ESA reports by others indicate several USTs are present along the north side of the building between the building and East Main Street.	1. Release to ground surface due to overfills. 2. Release to sub-surface soils from tank or line leaks. Infiltration to groundwater.	B-15; B-16	B-15 (0.5-2); B-16 (6-6.5)	X	X	X					X	VOCs were detected in boring B-16 at concentrations exceeding the GB-PMC.	Data indicate a release. Phase III Assessment and/or UST removal is warranted.
REC 5 - Former Boiler and AST in northwest corner of basement	A boiler and 1,000-gallon AST were formerly located in the northwest corner of the building basement.	Release of contaminants to the floor and seepage through cracks or joints to soils. Infiltration to groundwater.	B-17	B-17 (0.5-2)	X	X	X						No VOCs, PAHs or ETPH were detected in the soil samples.	No further action
REC 6 - Historic Use of the building	Based upon prior reports, the Site was first developed as a textile mill which manufactured cotton, stockinet, and wool products. After the Site ceased textile operations it was used to produce fire retardant paints and mastic and insecticides. Other tenants at the Site have been a salvage company, outboard motor center, and furnace brokers.	Release of contaminants to the floor and seepage through cracks or joints to soils. Infiltration to groundwater.	B-7; B-8; B-9; B-10; B-12; B-13; B-14, B-18; B-19; B-20	B-7 (3-5); B-10 (0.5-2); B-12 (0.5-1.5); B-13 (0.25-1); B-14 (0.5-2), B-19 (0.5-3) SV-1, SV-2, SV-3, SV-AMB	X	X	X	X				X	Data indicate a release to soils at B-7. At boring B-10, trace concentrations of VOCs and PAHs were detected indicating a release. At boring B-14, ETPH was detected in exceedence of R-DEC indicating a release and at boring B-19 the metals detected are likely from a release and not related to fill. In B-19, lead was detected in exceedence of R-DEC and I/C-DEC. Based upon soil vapor testing, VOCs are present in soil gas and in ambient air.	Data indicate a release. Phase III Assessment is warranted.
REC 7 - Former exterior solvent ASTs	Twelve 425-gallon ASTs were formerly located on an exterior concrete platform on the south side of the building next to the elevator shaft. The American Mill Pond is below this platform. These tanks are no longer present.	Release of contaminants to the floor and seepage through cracks or joints thru platform. No soils below platform (only pond).	B-11	B-11 (0.5-2)	X		X						VOCs and PAHs were detected in boring B-11 at concentrations below R-DEC and GB-PMC.	Data indicate a potential release. Phase III Assessment may be warranted. However, impacts may be from interior building use, not ASTs.
REC 8 - Former Transformer Area	Transformers were formerly present in the southwest corner of the building. These transformers were first pad-mounted but later relocated to a pole.	Release of contaminants to the parking lot and seepage through cracks or joints to soils below and infiltration to groundwater.	B-2	B-2 (0.5-2)						X			PCBs detected in a sample from B-2. PCBs exceed R-DEC.	Data indicate a potential release. Phase III Assessment may be warranted. However, this REC overlaps loading dock REC-3.
Site Groundwater Including Potential Impacts From Upgradient Brownfield Property	Groundwater at the Site had not been assessed previously.	Impacts related to historic site activities and abutting property (former Amerbelle Mills) historic activities.	GZA installed 2 bedrock wells	MW-1; MW-2	X		X	X				X	Based on groundwater sampling results, a possible release of VOCs, PAHs, and metals to groundwater has occurred at MW-2. MW-2 is the furthest upgradient well at the Site which is coincidentally downgradient of former Amerbelle Mills. Based upon groundwater results, a release of dieldrin may be present at the Site. Dieldrin is present in both wells.	Further investigation to confirm a release to groundwater and assess for seasonal variation is warranted.

Table 2

Monitoring Well Construction Summary and Groundwater Elevation Measurements

Former Danielle's Mill

98 East Main Street

Vernon, Connecticut

Well Location	Monitoring Well No.	Installation Date	PVC Elevation (feet)	Borehole Depth (feet)	Depth to Bedrock (feet)	Bedrock Elevation (feet)	Screened Medium	Screen Length (feet)	Screen Interval (feet)	Screened Elevation Interval	Nominal Well Diameter (inches)	Screen Slot Size (inches)	July 27, 2015		August 4, 2015	
													Depth To Water (feet)	Groundwater Elevation (feet)	Depth To Water (feet)	Groundwater Elevation (feet)
Daniel's Mill	MW-1	7/22/2015	84.33	32.25	20	64.33	BR	10	22.25-32.25	52.08-62.08	2	0.010	19.87	64.5	19.91	64.4
	MW-2	7/22/2015	100.86	33.75	20	80.86	BR	10	23.75-33.75	67.11-77.11	2	0.010	32.84	68.0	32.65	68.2
	American Mill Pond	-	78.3	33.75	20	80.86	BR	-	-	-	-	-	NM	-	NM	-
Amerbelle	GZ-1	4/7/15	120.19	18.08	4.22	115.97	BR	10	8.08-18.08	92.11-102.11	2	0.010	NM	-	8.97	111.2
	GZ-2	4/7 to 4/8/14	121	24.33	5.17	115.83	BR	15	9.33-24.33	84.67-96.67	2	0.010	NM	-	4.53	116.5
	GZ-3	4/8 to 4/9/15	119.02	20.2	7.19	111.83	BR	10	10.2-20.2	88.82-98.82	2	0.010	NM	-	NM	-
	GZ-4	4/24/15	103.31	10.54	10.54	92.77	OB	8	2.54-10.54	84.77-92.77	2	0.010	NM	-	NM	-
	GZ-5	4/24/15	100.55	16.2	16.2	84.35	OB	10	6.2-16.2	74.35-84.35	2	0.010	NM	-	NM	-
	AM-1	1/22/04	115.59	12.5	10.30	105.29	OB	5	7.5-12.5	98.09-103.09	2	Not Reported	NM	-	NM	-
	AM-7	1/23/04	103.33	11	>11	NE	OB	5	4.5-9.5	88.93-93.83	2	Not Reported	NM	-	NM	-
	ME-1	11/29/05	122.65	15.8	2.8	119.85	BR	10	4.9-14.9	97.75-107.75	2	0.010	NM	-	5.71	116.9
	ME-2	11/29/05	121.53	18	5.1	116.43	BR	10	8-18	93.53-103.53	2	0.010	NM	-	7.02	114.5
	ME-6	11/30/05	100	25.5	13.2	86.80	BR	10	15.5-25.5	64.5-74.5	2	0.010	18.32	81.7	18.31	81.7
	MW-01	6/26/09	99.68	49.4	13.4	86.28	BR	10	39.4-49.4	40.28-50.28	2	0.010	NM	-	7.49	92.2
	MW-02	6/29/09	114.06	32.6	18.6	95.46	BR	10	22.6-32.6	71.46-81.46	2	0.010	NM	-	NM	-
	MW-03	6/29/09	122.25	36.7	23.2	99.05	BR	10	26.7-36.7	75.55-85.55	2	0.010	NM	-	NM	-

Notes:

1. OB indicates well screen is installed in overburden material.
   BR indicates well screen is installed in bedrock.
2. NE indicates bedrock was not encountered in the test boring.
3. Top of PVC riser pipe elevations were surveyed by GZA relative to a benchmark at ME-6 which was assigned an arbitrary elevation of 100 feet.
4. Measurements are from the top of the PVC riser pipe.
5. Depth to bedrock and screened interval elevations are based on field observations and measurements made during well construction.
6. MW-1, MW-2, and GZ-1 through GZ-5 were installed by GZA, MW-01 to MW-03 was installed by Fuss&O'Neill, ME-1, ME-2 and ME-6 were installed by Metcalf and Eddy and AM-1 and AM-7 were installed by GeoDesign

Table 3
Summary of Soil Analytical Data
Former Daniel's Mill
98 East Main Street
Vernon, Connecticut

Area of Concern				REC-1	REC-2		REC-3		REC-4		REC-5	REC-6						REC-7
Sample ID	RSR Criteria			B-5	B-3	B-4	B-1	B-2	B-15	B-16	B-17	B-7	B-10	B-12	B-13	B-14	B-19	B-11
Date	R-DEC	I/C-DEC	GB-PMC	7/22/2015	7/20/2015	7/20/2015	7/20/2015	7/20/2015	7/21/2015	7/21/2015	7/21/2015	7/22/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015
Depth (feet)				5-7	8-9	8-9	0.5-2	0.5-2	0.5-2	6-6.5	0.5-2	3-5	0.5-2	0.5-1.5	0.25-1	0.5-2	0.5-3	0.5-2
Volatile Organic Compounds (VOCs) (mg/kg)																		
1,1,1-Trichloroethane	500	1,000	40	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	ND<0.28	ND<0.0051	0.32	ND<0.0059	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
Carbon Tetrachloride	5	44	1	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	ND<0.28	ND<0.0051	0.0056	ND<0.0059	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
1,2,4 Trimethylbenzene	500*	1,000*	2.4*	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	**19**	ND<0.0051	ND<0.0049	0.56	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
1,3,5 Trimethylbenzene	500*	1,000*	1.9*	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	**5.2**	ND<0.0051	ND<0.0049	ND<0.26	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
Ethylbenzene	500	1,000	10.1	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	ND<0.28	ND<0.0051	ND<0.0049	ND<0.26	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	0.029
n-Propylbenzene	500*	1,000*	14.0*	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	2.5	ND<0.0051	ND<0.0049	ND<0.26	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
Tetrachloroethene	12	110	1	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	ND<0.28	ND<0.0051	ND<0.0049	0.015	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
Toluene	500	1,000	67	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	0.0057	ND<0.0047	ND<0.28	ND<0.0051	ND<0.0049	ND<0.0059	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	ND<0.01
Xylene	500	1,000	19.5	ND<0.005	ND<0.0041	ND<0.0046	ND<0.0049	ND<0.0044	ND<0.0047	ND<0.28	ND<0.0051	0.0077	0.0078	ND<0.006	ND<0.0057	ND<0.0059	ND<0.006	0.123
Polychlorinated Biphenyls (PCBs) (mg/kg)																		
PCBs	1	10	NE	ND<0.37	-	-	ND<0.36	**6**	-	-	-	**11**	-	-	-	-	-	-
Pesticides (mg/kg)																		
Pesticides	varies	varies	varies	-	-	-	ND	ND	-	-	-	-	ND	-	ND	-	ND	-
Polynuclear Aromatic Hydrocarbons (PAHs) (mg/kg)																		
Anthracene	1,000	2,500	400	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	0.65	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Benzo(a)anthracene	1	7.8	1	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	**1.4**	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Benzo(a)pyrene	1	1	1	0.27	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	**1.9**	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Benzo(b)fluoranthene	1	7.8	1	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	**1.9**	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Benzo(g,h,i)perylene	1,000*	2,500*	29.6*	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	1.6	0.43	ND<0.24	ND<0.25	ND<0.27	ND<0.26	0.42
Benzo(k)fluoranthene	8.4	78	1	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	**1.3**	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Chrysene	84*	780*	9.4*	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	1.8	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Dibenz(a,h)anthracene	1*	1*	1*	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	0.38	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Fluoranthene	1,000	2,500	56	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	2.7	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Fluorene	1*	2,500*	7.8*	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	0.28	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Indeno(1,2,3-cd)Pyrene	1*	7.8*	3.0*	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	**1.6**	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Napthalene	1,000	2,500	5.6	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	0.64	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Phenanthrene	1,000	2,500	40	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	2.5	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Pyrene	1,000	2,500	40	ND<0.26	ND<0.25	ND<0.26	ND<0.25	ND<0.25	ND<0.25	ND<0.24	ND<0.25	2.3	ND<0.26	ND<0.24	ND<0.25	ND<0.27	ND<0.26	ND<0.38
Extractable Total Petroleum Hydrocarbons (ETPH) (mg/kg)																		
ETPH	500	2,500	2,500	ND<55	ND<54	ND<56	ND<54	ND<53	ND< 53	ND< 53	ND< 53	280	360	ND< 52	ND< 53	**1,100**	72	-
Total Metals (mg/kg)																		
Arsenic	10	10	NE	1.6	-	-	1.9	3.1	-	-	-	**16**	2.1	-	2.1	-	1.4	-
Barium	4,700	140,000	NE	33.3	-	-	39.2	179	-	-	-	105	83.8	-	62.9	-	1440	-
Cadmium	34	1,000	NE	ND<0.36	-	-	ND<0.36	ND<0.34	-	-	-	0.74	ND< 0.34	-	ND< 0.37	-	1.85	-
Chromium	100/3,900[8]	100/51,000[8]	NE	12.2	-	-	30.9	16.9	-	-	-	36.9	19.4	-	74.3	-	54.9	-
Copper	2,500	76,000	NE	9.03	-	-	12.5	50.5	-	-	-	46.5	20.4	-	24.2	-	59	-
Lead	400	1,000	NE	8.11	-	-	19.3	173	-	-	-	**781**	58.7	-	34.6	-	**1,190**	-
Mercury	20	610	NE	ND<0.03	-	-	ND<0.03	0.2	-	-	-	0.11	0.06	-	0.15	-	0.11	-
Selenium	340	10,000	NE	ND<1.5	-	-	ND<1.4	ND<1.4	-	-	-	ND<1.4	ND< 1.4	-	ND< 1.5	-	ND< 1.5	-
Silver	340	10,000	NE	ND<0.36	-	-	ND<0.36	ND<0.34	-	-	-	ND<0.36	ND< 0.34	-	ND< 0.37	-	ND< 0.38	-
SPLP Metals (mg/L)																		
Arsenic	NE	NE	0.5	-	-	-	-	-	-	-	-	ND<0.004	-	-	-	-	-	-
Barium	NE	NE	10	-	-	-	-	-	-	-	-	-	-	-	-	-	0.021	-
Lead	NE	NE	0.15	-	-	-	-	0.015	-	-	-	ND<0.01	0.01	-	-	-	0.029	-
Alcohols (mg/kg)																		
Alcohols	varies	varies	varies	-	-	-	-	-	ND	ND	ND	-	-	-	-	ND	-	-

Notes:
1. R-DEC is the Residential Direct Exposure Criteria
2. I/C-DEC is the Indistrial/Commercial Direct Exposure Criteria
3. GB-PMC is the Class GB Pollutant Mobility Criteria
4. "*" = From the 2008 Draft Revisions to the RSR Criteria
5. "NE" = Criteria are not-established
6. "-" = Sample was not analyzed for this parameter
7. **Bold** and shaded indicates sample was detected above RSR Criteria.
8. Criteria for total chromium are not established. The criteria for hexavalent chromium is 100 mg/kg and the criteria for trivalent chromium is 3,900 mg/kg (R-DEC) and 51,000 mg/kg (I/C-DEC)
9. Only those compounds detected are shown. For a full list of analytes tested for, refer to the Phoenix Laboratories analytical report.

Table 4

Summary of Groundwater Analytical Data

Former Daniel's Mill

98 East Main Street

Vernon, Connecticut

Sample ID	CT RSRs		MW-1	MW-2
Date	SWPC	I/C-GWVC	7/27/2015	7/27/2015
Volatile Organic Compounds (VOCs) (ug/L)				
cis-1,2-Dichloroethene	6,200*	11,472*	< 1.0	5.6
Tetrachloroethene	88	3,820	< 1.0	2.5
Polynuclear Aromatic Hydrocarbons (PAHs) (ug/L)				
Benz(a)anthracene	0.3	NE	< 0.02	0.06
Benzo(a)pyrene	0.3	NE	< 0.02	0.05
Benzo(b)fluoranthene	0.3	NE	< 0.02	0.07
Benzo(k)fluoranthene	0.3	NE	< 0.02	0.03
Chrysene	47*	NE	< 0.02	0.04
Indeno(1,2,3-cd)pyrene	14.8	NE	< 0.02	0.03
Pyrene	110,000	NE	< 0.10	0.12
Total Metals (ug/L)				
Arsenic	4	NE	ND < 4	**5**
Barium	2,200*	NE	240	125
Cadmium	6	NE	ND < 1	ND < 1
Chromium	110+	NE	1	7
Copper	48	NE	ND < 5	**75**
Lead	13	NE	ND < 2	**78**
Total Pesticides (ug/L)				
Dieldrin	0.1	NE	0.002	0.003

Notes:

1. CT RSRs = Connecticut Remediation Standard Regulations
2. SWPC is the Surface Water Protection Criteria
3. I/C-GWVC is the Industrial Commercial Groundwater Volatilization Criteria
4. Only those compounds detected are shown. For a full list of analytes tested for, re to the Phoenix Laboratories analytical report.
5. "*" = From the 2008 Draft Revisions to the RSR Criteria requires DEEP approval
6. "NE" = Criteria are not-established
7. **Bold** and shaded indicates sample was detected above RSR Criteria.
8. ND < 1 = Analyte not detected above detection limits
9. "+" = There are no criteria for total chromium. Criteria shown are for hexavalent chromium.

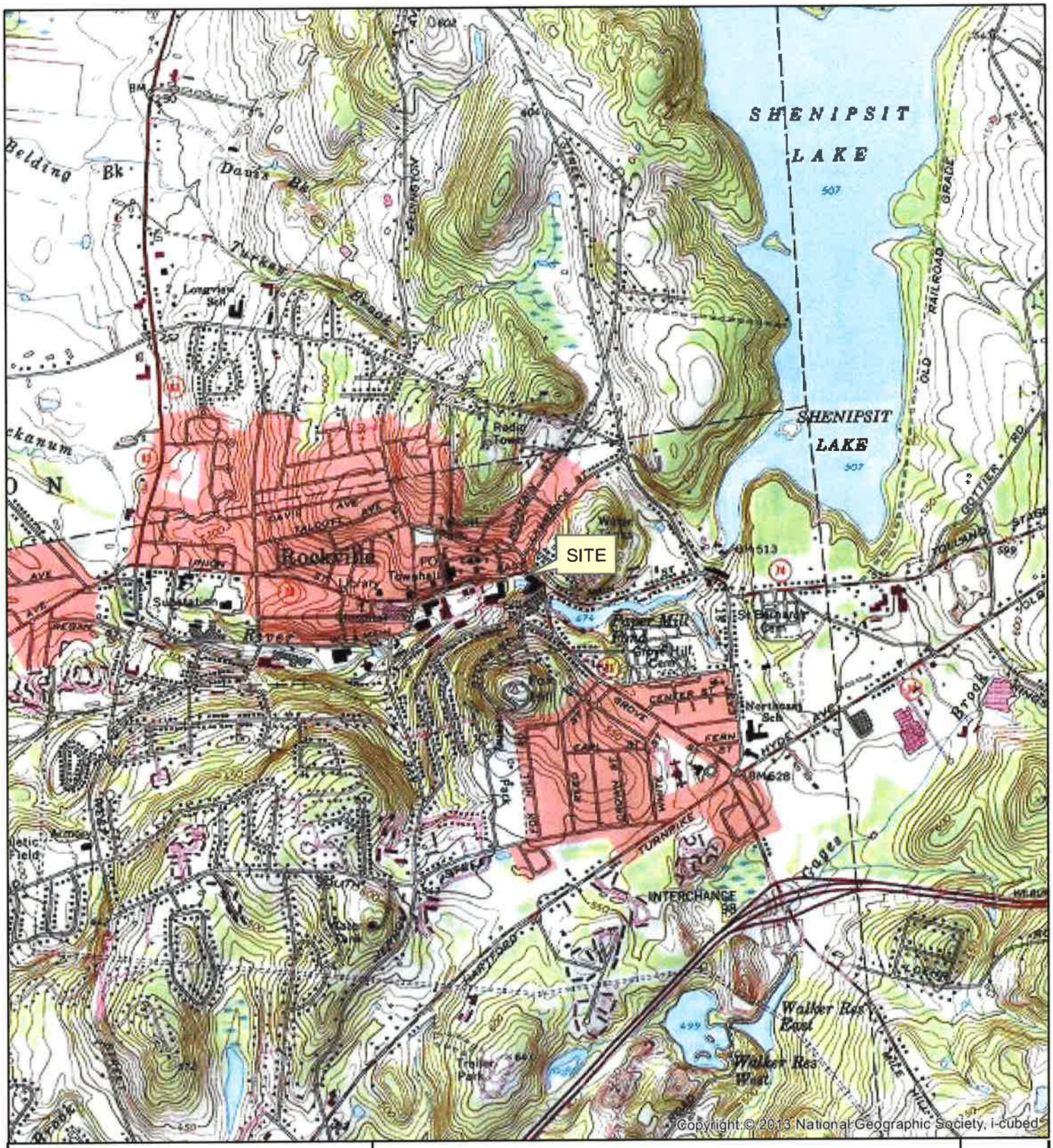
Table 5
Soil Vapor Summary Table
Former Daniel's Mill
98 East Main Street
Vernon , Connecticut

Location	RSRs		2nd Floor Machine Shop		Basement	
Client ID	R-SVVC	I/C-SVVC	SV-1	SV-2	SV-3	SV-AMB
Collection Date			7/15/2015	7/15/2015	7/15/2015	7/15/2015
Method TO-15 Volatiles Organic Compounds (ppbv)						
1,1,1-Trichloroethane	1,310,000	4,520,000	**4.28**	**1.28**	<0.5	<0.5
1,2,4-Trimethylbenzene	NE	NE	**8.52**	**7.9**	**6.13**	<0.5
1,3,5-Trimethylbenzene	NE	NE	**2.48**	**2.23**	**1.74**	<0.5
4-Ethyltoluene	NE	NE	**2.94**	**2.72**	**2.06**	<0.5
Acetone	2,400,000	8,250,000	**141**	**105**	**52.9**	**10.9**
Benzene	1,000	113,000	**2.94**	**2.75**	**2.31**	<0.5
Carbon Disulfide	NE	NE	**1.56**	**1.03**	<0.5	<0.5
Carbon Tetrachloride	1,000	2,700	**16.7**	**16.3**	<0.5	<0.5
Chloroform	4,500	10,400	**1.72**	**1.62**	<0.5	<0.5
Chloroethane	NE	NE	<0.5	**1.62**	<0.5	<0.5
Chloromethane	NE	NE	<0.5	**0.509**	<0.5	<0.5
Cis-1,2-Dichloroethene	NE	NE	<0.5	<0.5	**37.5**	<0.5
Cyclohexane	NE	NE	**5.86**	**3.89**	**3.56**	<0.5
Dichlorodifluoromethane	NE	NE	**0.858**	**0.621**	**0.502**	**0.567**
Ethanol	NE	NE	<0.5	**47.1**	**21.7**	**3.99**
Ethylbenzene	1,650,000	5,672,000	**12.5**	**9.47**	**8.41**	<0.5
Heptane	NE	NE	**6.87**	**5.03**	**4.76**	<0.5
Hexane	NE	NE	**6.09**	**5.34**	**4.38**	**0.74**
Isopropylalcohol	NE	NE	**19,000**	**738**	**270**	**50**
Isopropylbenzene	NE	NE	**0.647**	**0.523**	<0.5	<0.5
Methyl Ethyl Ketone	2,400,000	8,285,000	<0.5	**5.2**	**1.12**	<0.5
Methylene Chloride	1,200,000	2,907,000	<0.5	**1.89**	**0.89**	**1.02**
Tetrachloroethene	11,000	27,000	**5.16**	**9.62**	**21.8**	**1.23**
Toluene	760,000	2,615,000	**49.5**	**33.8**	**32.7**	**1.34**
Trans-1,2-Dichloroethene	NE	NE	<0.5	<0.5	**0.873**	<0.5
Trichloroethene	7,000	16,000	**0.795**	**1.53**	**4.61**	<0.5
Xylenes	500,000	1,702,000	**56.7**	**44.3**	**38.4**	<1
Total VOCs	NA	NA	**19,327.1**	**1,049.3**	**516.3**	**70.0**

Notes:

1. Soil vapor results in parts per billion by volume (ppbv)
2. RSRs = Connecticut Remediation Standard Regulations
3. R-SVVC = Residential Soil Vapor Volatilization Criteria
   I/C-SVVC = Industrial/Commercial Soil Vapor Volatilization Criteria
4. "NA" = Not Applicable
5. "NE" = Criteria are not-established
6. **Bolded** cells were detected above laboratory reporting limits
7. < 0.5/<1. = Results are non-detect above the laboratory minimum reporting limit.
8. Only detected constituients are shown on table.
9. SV-AMB=Background air sample

FIGURES



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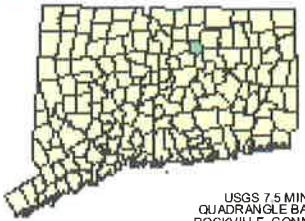

USGS 7.5 MINUTE QUADRANGLE BASE MAP:
ROCKVILLE, CONNECTICUT
1997

SITE LOCUS

98 EAST MAIN STREET
VERNON-ROCKVILLE, CONNECTICUT

Source: TOPO! maps are USGS topographic maps, Copyright:© 2011 National Geographic Society, i-cubed and are provided by arcgisonline.com.

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DESIGNED BY: BAG	DRAWN BY: MJS	DATE: 07-16-15

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0 1,000 2,000 4,000 6,000 8,000
Scale in Feet

N

FIGURE
1

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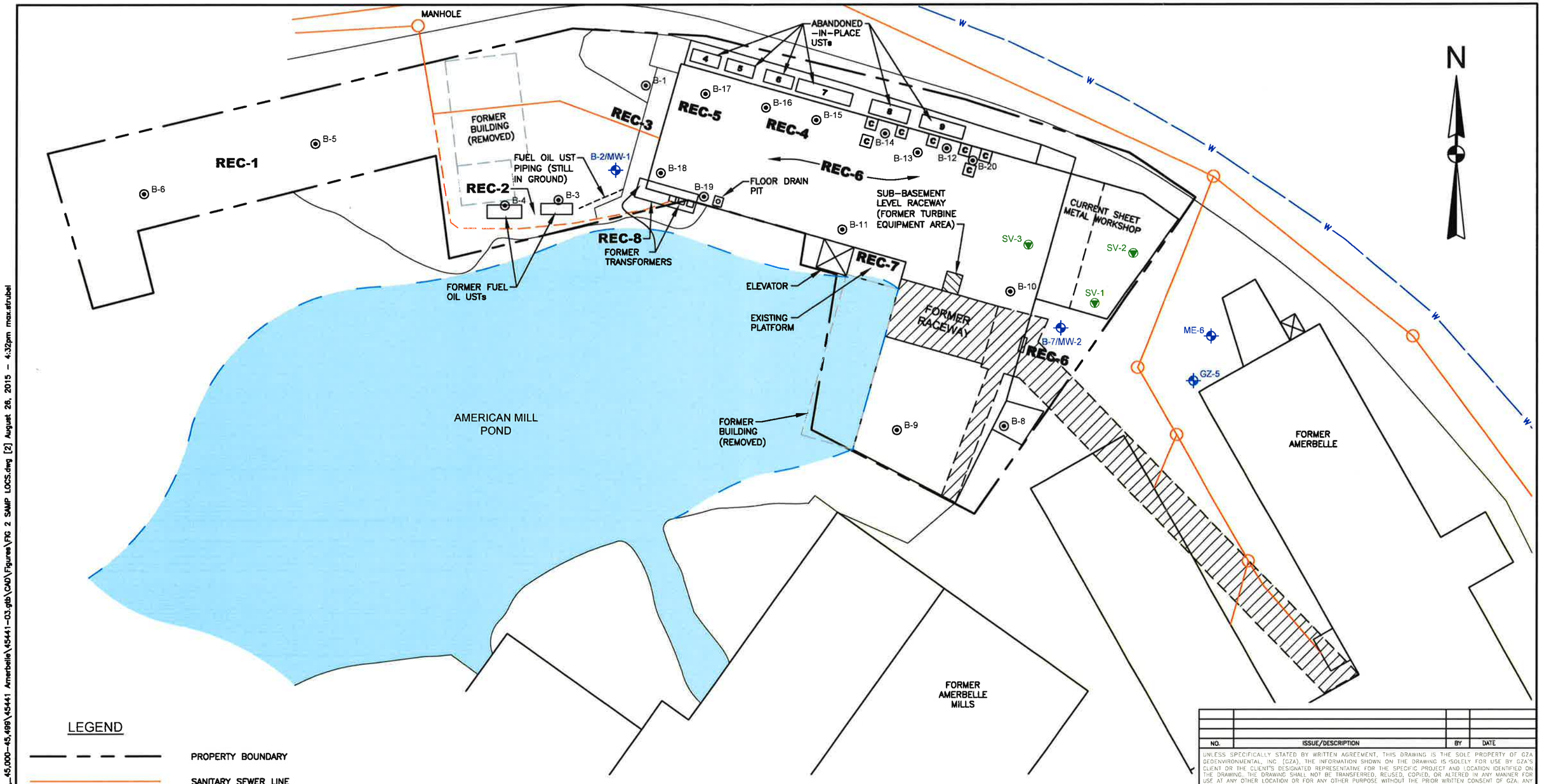

LEGEND

- PROPERTY BOUNDARY
- SANITARY SEWER LINE
- FORMER SANITARY SEWER LINE
- W — WATER LINE
- C — CONCRETE EQUIPMENT SUPPORT
- SOIL BORING
- GROUNDWATER MONITORING WELL
- SOIL VAPOR SAMPLE
- REC-1 — RECOGNIZED ENVIRONMENTAL CONDITION

NOTES:

1. NO SURVEY OF THE PROPERTY LINES WERE AVAILABLE AT THE TIME OF THE PHASE II ASSESSMENT. PROPERTY LINES ARE APPROXIMATE AND BASED ON THE TOWN OF VERNON PARCEL MAP FROM THEIR GIS WEBSITE.

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98 EAST MAIN STREET
VERNON-ROCKVILLE, CONNECTICUT

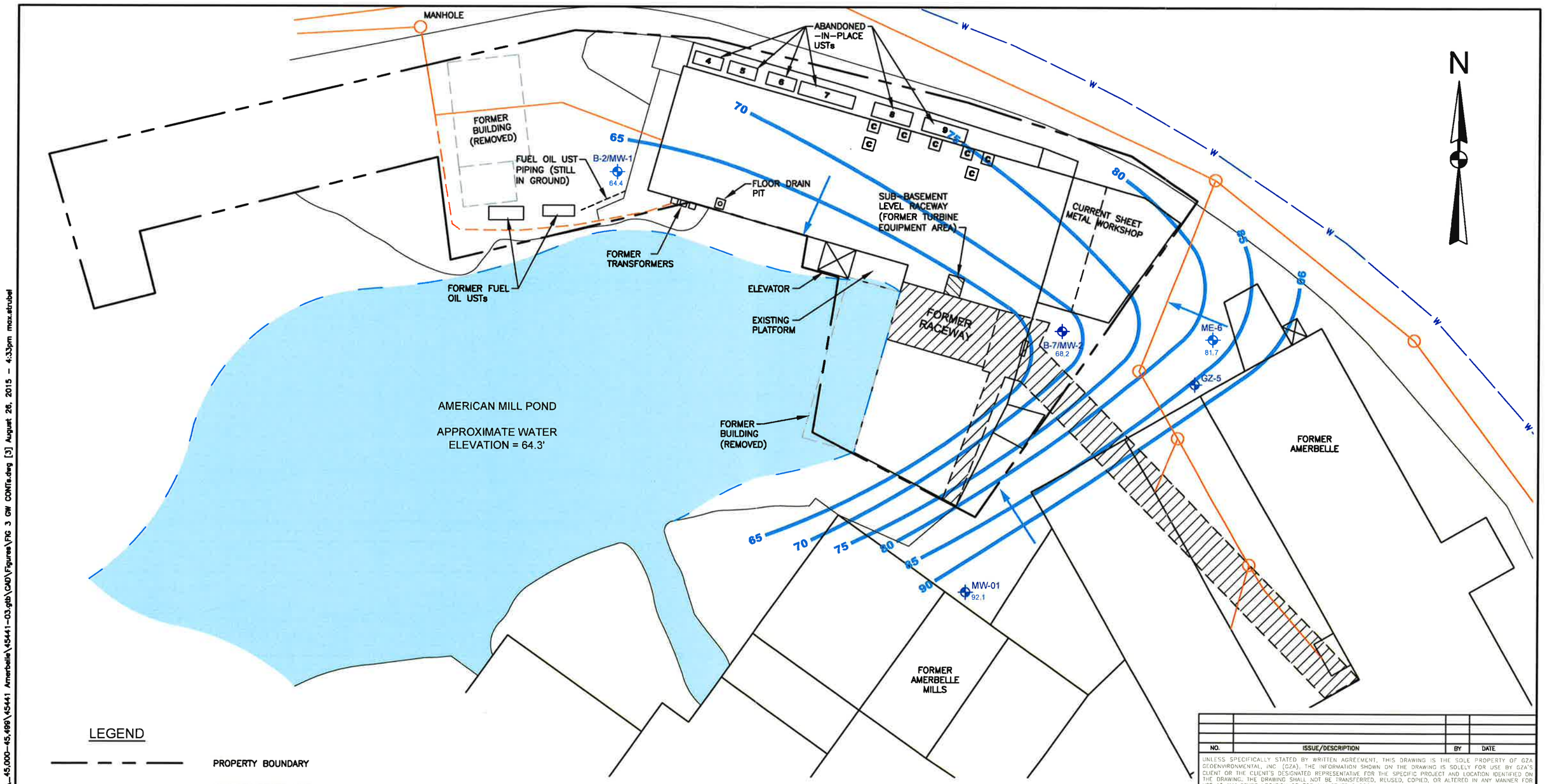
SAMPLE LOCATION MAP

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:

PROJ MGR: JTH	REVIEWED BY: JTH	CHECKED BY:	FIGURE 2
DESIGNED BY: BAG	DRAWN BY: MJS	SCALE: SCALE	
DATE: 07-16-15	PROJECT NO. 05.0045441.03	REVISION NO.	SHEET NO.

©2015 – GZA GeoEnvironmental, Inc. G:\ZA–J:_45,000–45,499\45441 Amerbelle\45441–03.gtb\CAD\Figures\FIG 2 SAMP LOCS.dwg [2] August 26, 2015 – 4:32pm max.strubel



LEGEND

- PROPERTY BOUNDARY
- SANITARY SEWER LINE
- FORMER SANITARY SEWER LINE
- W — WATER LINE
- C — CONCRETE EQUIPMENT SUPPORT
- GROUNDWATER MONITORING WELL
- 64.4 — BEDROCK GROUNDWATER ELEVATION (FEET), AUGUST 5, 2015
- 80 — BEDROCK GROUNDWATER CONTOUR (FEET), AUGUST 5, 2015
- INFERRED GROUNDWATER FLOW

0 15 30 60

SCALE IN FEET

NOTES:

1. NO SURVEY OF THE PROPERTY LINES WERE AVAILABLE AT THE TIME OF THE PHASE II ASSESSMENT. PROPERTY LINES ARE APPROXIMATE AND BASED ON THE TOWN OF VERNON PARCEL MAP FROM THEIR GIS WEBSITE.

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98 EAST MAIN STREET
VERNON-ROCKVILLE, CONNECTICUT

BEDROCK GROUNDWATER CONTOUR MAP AUGUST 5, 2015

PREPARED BY:
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Engineers and Scientists
www.gza.com

PREPARED FOR:

PROJ MGR: JTH	REVIEWED BY: JTH	CHECKED BY:	FIGURE 3
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DATE: 08-13-15	PROJECT NO. 05.0045441.03	REVISION NO.	SHEET NO.

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APPENDIX A
LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

Use of Report

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

Standard of Care

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

Subsurface Conditions

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs.

6. Water level readings have been made in test holes (as described in the Report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

Compliance with Codes and Regulations

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

Screening and Analytical Testing

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

Interpretation of Data

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

Additional Information

12. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

Conceptual Site Model

14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over time, and/or space, may vary from those depicted in the CSM provided in this report. In addition, the CSM should be evaluated and refined (as appropriate) whenever significant new information and/or data is obtained.

APPENDIX B
PREVIOUS ENVIRONMENTAL INVESTIGATION REPORTS

Phase I Environmental Site Assessment

Former Daniel's Mill

98 East Main Street
Vernon/Rockville, Connecticut

December 2014

FUSS & O'NEILL

Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, Connecticut 06040

Project No. 20080371.D10

FUSS & O'NEILL
CELEBRATING 90 YEARS

December 3, 2014

Mr. Leonard Jacobs, Esq.
Jacobs, Walker, Rice & Barry LLC
146 Main Street, PO Box 480
Manchester, CT 06045

RE: Phase I Environmental Site Assessment
Former Daniel's Mill
98 East Main Street
Vernon/Rockville, Connecticut

Dear Mr. Jacobs:

We are pleased to submit the enclosed report of the Phase I Environmental Site Assessment (Phase I ESA) for the above-referenced Site. The assessment was conducted in conformance with Standard Practice E 1527-13 for Environmental Site Assessments published by ASTM International.

Note that ASTM 1527-13 requires that certain elements of a Phase I ESA be updated if the data for the report are more than six months old. Therefore, if this report is to be relied on after June 2015, we recommend you contact us to discuss options for such an update.

We have identified 7 recognized environmental conditions associated with the Site and one potential off-site concern. These are discussed in the findings and conclusions Section of the following report (*Section 8*).

In accordance with the requirements of the ASTM 1527-13 Standard, we declare that to the best of our professional knowledge and belief, we meet the definition of an environmental professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you for the opportunity to conduct this work. Please contact us if we can be of further assistance.

Sincerely,

Daniel R. Jahne, LEP
Associate

David F. Hurley, LEP, PG
Vice President

F:\P2008\0371\D10\Phase I ESA\2014-12-02 Phase I ESA - REV.docx

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Vernon/Rockville, Connecticut

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1 Introduction

Fuss & O'Neill, Inc. has been retained by Mr. Leonard Jacobs, Esq. to conduct a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 98 East Main Street in Vernon/Rockville, Connecticut (the "Site"). We understand that Mr. Jacobs requested this Phase I ESA in regards to a potential interest in the property.

1.1 Objective

The objective of this Phase I ESA was to identify recognized environmental conditions (RECs) present at the Site. As defined by Standard Practice for Environmental Site Assessments E 1527-13 developed by the American Society for Testing and Materials (ASTM, 2013), REC means:

> *...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.*

1.2 Scope of Services

Our Phase I ESA was performed in conformance with Standard Practice E 1527-13 for Environmental Site Assessments by ASTM International (ASTM, 2013). Unless otherwise stated in this report, assessments for radon gas, and mold were not conducted as part of this Phase I ESA. Furthermore, we did not investigate the potential for the Site to contain wetlands, endangered species, ecological resources or historic/cultural resources. Environmental compliance or permitting issues were not considered during this investigation.

It is our understanding that this work is not being conducted under a United States Environmental Protection Agency (USEPA) Brownfield Assessment and Characterization Program grant awarded under CERCLA 9604(k)(2)(b); therefore, our investigation did not include an assessment of controlled substances. Refer to *Appendix A* for the scope of work and restrictions of this ESA and to *Section 10* of this report for limitations on this work product.

In addition to the Phase I ESA, a hazardous building materials survey was also conducted by Fuss & O'Neill, EnviroScience. The findings of this survey are reported under a separate cover.

2 Site Overview

2.1 Site Information

2.1.1 Property Location, Size of Parcel, and Site Plan

The Site, the former Daniel's Mill, is located along the southern side of East Main Street (CT Route 74) in the historic district industrial zone of Vernon/Rockville, Connecticut (Tolland County). A portion of

a United States Geological Survey (USGS) topographic map showing the Site location is provided as *Figure 1*(USGS, 1967, revised 1984).

According to Town of Vernon electronic GIS records, the Site is a 1-acre; irregularly-shaped parcel of land currently owned by Daniels Management, Inc. and is improved with a six-story (including basement and attic) historical mill building. The building footprint measures approximately 9,043 square-feet and includes a cable and pulley elevator. The building, originally constructed in approximately 1855, is currently partially occupied by the following tenants:

Current Occupants/Use	Business Description	Floor
Band Room & Studio Rentals	Band practice rooms	1st & 2nd Floors
Sol Cantor Electric, Inc.	Complete electric service	2nd Floor
A1 Enterprises	Sheet metal workshop	2nd Floor
Daniel's Mill Self Storage	Self-storage units	3rd & 4th Floors
Charity Storage	Church charity storage pending distribution	4th Floor

Additionally, there is a general workshop/storage room for Sol Cantor Electric located on the first floor off the loading dock. It is noted that portions of each floor are currently unoccupied. A Site plan showing the current Site configuration is provided as *Figure 2*. A copy of the property description card and assessor's map available from the Town of Vernon electronic GIS database are attached in *Appendix B*. Historical Site occupants and operations are discussed in *Section 3* while a detailed description of the Site developed during the recent site reconnaissance is presented in *Section 6*.

2.1.2 Utilities

Water and Sewer

The Site is currently served by municipal water provided by the Connecticut Water Company and Town of Vernon municipal sewer. Although exact utility connection dates were not available at the time this Phase I ESA was conducted, it is known that the municipal sewer was available in the Site vicinity since approximately 1896.

Heat

Currently, only portions of the Site building are heated by natural gas, provided by Yankee Gas. The remaining portions of the Site building are either heated by individual electric heaters or are not heated.

Historically, the Site building was heated by two generations of oil-fired boilers. The original boiler was located in the northwest corner of the basement and was fueled by an approximately 1,000 gallon above ground fuel oil tank, also located in this portion of the basement. Prior to more recent building renovations and connection to natural gas in 1997, a high pressure steam boiler, located in the designated boiler room north of the loading dock (which appears to have been an addition to the original building), was used to heat the building. This boiler was fueled by No. 6 fuel oil from a 3,000 gallon underground storage tank (UST), which is still currently in place. Additional information regarding the UST is provided in *Section 3*.

The high pressure steam boiler and its components, with the exception of the UST and smoke stack, were reportedly removed in approximately 1981-1982. The boiler formerly located in the basement of the building were reportedly removed more recently, however an exact removal date was not identified.

Other Utilities

Electricity is provided to the Site via overhead electric lines and is provided by the Connecticut Light & Power company (CL&P).

2.1.3 Adjoining Land Use

Based on observations made during the site inspection and available mapping, properties adjoining the Site include the following:

Address	Description	Direction from Site
---	Mill Pond	South
104 East Main Street	Former Amerbelle Mill – former textile mill	East
60 East Main Street	AnoCoil Corporation – manufactures printing plates	Southwest
93 East Main Street	Tri-Town Shelter – homeless shelter	North

2.2 Environmental Setting

2.2.1 Physical Setting

Topography and Geology

The topography of the Site is generally flat with a steep slope along the southern property boundary down towards the Mill Pond (USGS, 1967, revised 1984). The regional topography slopes gradually to moderately down to the west/southwest along East Main Street, following the Hockanum River.

Surficial material at the subject Site is mapped as thin till, which is generally comprised of fine grained, compact, fine sand and silt with few cobbles and boulder-sized rocks in varying proportions (Stone, 1992). Historical assessment borings advanced at adjacent parcels in the vicinity of the Site indicate that the soil is comprised of sand with some silt and clay up to a depth of 9 feet. Additionally, based on observations made during previous field investigations on file for adjacent parcels, fill comprised of sand and silt with trace amounts of asphalt and concrete fragments is present within the shallow subsurface at thicknesses ranging between 1 foot and 1.5 feet. Conversations with the Site contact confirmed that the parking lot along the western side of the Site was historically filled.

Bedrock beneath the subject site is mapped as Glastonbury Gneiss, a well-foliated, grey to silver gneiss (Rodgers, 1985). Based on the presence of a bedrock outcrop in the northeast corner of the Site building's basement, depth to bedrock is estimated to be shallow in the northeast portion of the site (approximately 2-3 feet below grade) sloping deeper towards the western portion of the Site.

Bedrock was encountered during environmental investigations at an adjacent parcel at depths ranging from 2 to 14 feet below grade.

Hydrology and Hydrogeology

Groundwater

The quality of groundwater beneath the Site is classified by the Connecticut Department of Energy and Environmental Protection (CTDEEP) as GB. Groundwater classified as GB is defined by CTDEEP as groundwater within a historically highly-urbanized area or an area of intense industrial activity and where public water-supply service is available. Class GB groundwater may be not be suitable for human consumption without treatment due to waste discharges, spills, or leaks of chemicals or land use impacts. The designated uses for Class GB groundwater are as industrial process water and cooling waters and as baseflow for hydraulically-connected surface water bodies (CTDEEP, 2014).

The direction of groundwater flow within the surficial geological unit is influenced by a number of factors, including the physical characteristics of the geological unit (such as particle size), the local topography, the presence of surface water bodies, the depth to bedrock, and the type of aquifer. For an unconsolidated, unconfined aquifer, groundwater generally flows in the direction of the greatest topographic gradient. Based on USGS mapping and field observations of the local topography and a review of historical investigations conducted on properties within the Site vicinity, the inferred groundwater flow direction is to the southwest and is presumed to be primarily influenced by the adjacent Hockanum River and Paper Mill Pond. Groundwater was historically observed at adjacent parcels to be approximately between 5 to 19 feet below grade.

Surface Water

The nearest surface water body is Mill Pond, located directly adjacent to the Site along the southern property boundary. Additionally, the Hockanum River flows through a raceway beneath the building on the adjacent parcel, and discharges directly to the pond just south of the Site building. Both the Mill Pond and the Hockanum River that feeds it are classified by the State of Connecticut as B (CTDEEP, 2014). Designated uses of such inland surface waters are for recreational use, fish and wildlife habitat, agricultural and industrial supply and other legitimate uses including navigation.

2.2.2 Wetlands & Flood Zone Mapping

According to the FEMA Flood Insurance Rate Map Number 0901310005C (revised August 9, 1999), no mapped wetlands or 100-year or 500-year flood zones are located on the Site. It is noted, however that the Mill Pond, located directly south of the Site, was identified as a special flood hazard area inundated by the 100-year flood in which base flood elevations have been determined.

Fuss & O'Neill did not independently determine wetland boundaries or the presence of wetlands as part of this assessment.

2.2.3 Radon

According to the USEPA *Map of Radon Zones for Connecticut*, which is available online, the Site is located in a county with a moderate radon propensity (2 to 4 picocuries per liter).

2.2.4 Location of Public Water Supply Sources

The CTDEEP's Connecticut Environmental Conditions Online (CTDEEP, 2014) and the Atlas of Public Water Supply Sources and Drainage Basins of Connecticut (CTDEEP, 1982) show no public water-supply wells or aquifer protection areas within a one-half mile radius of the Site.

2.3 Previous Environmental Investigations

According to the Site contact, Sol Cantor, at least one previous Phase I ESA was performed on the Site. A reasonable attempt to obtain a copy of this report, through a CTDEEP file review, however, this document was not available for review at the time this Phase I ESA was conducted.

3 Site History

The following sources were used to develop the history of the Site and, to the extent required by ASTM Practice E 1527-13, the nearby sites:

- City street directories (available at the Connecticut State Library) reviewed at approximately five-year intervals dating back to 1936
- Sanborn Fire Insurance Maps (available at the Connecticut State Library) for the years 1885, 1892, 1897, 1903, 1911, 1921, 1946 and 1961
- Aerial photographs (obtained electronically from the State Archives of the Connecticut State Library) for the years 1934 and 1965
- Aerial photographs (obtained electronically from the CTDEEP's 2014 Connecticut Environmental Conditions Online (CTDEEP, 2014) for the years 1951, 1970, 1986, 1990, 1995, 2004, 2008 and 2010
- Historical USGS topographic maps for the years 1892, 1944 and 1953, available on-line from the Documents Department and Data Center of the University of New Hampshire (http://docs.unh.edu/nhtopos/nhtopos.htm)
- An interview with Sol Cantor, who has owned and operated the Site since 1981.

The past uses of the Site and nearby properties based on the sources above are summarized below.

Site

The Site was the first of three textile mills developed in Rockville in approximately 1855 by Albert Dart. Although the Site ownership transferred, it continued to operate as a textile manufacturer; ranging from cotton, stockinet (a flexible cloth used to line rubber boots and raincoats) to wool; from approximately 1864 through 1951.

A review of historical Sanborn fire insurance maps indicated that the area located west of the Site building (the area which is currently the Site's paved parking lot) was filled between 1892 and 1897.

Between 1951 through approximately 1978, the Site operated as the Albi Manufacturing Company, which manufactured fire retardant paints and mastic. The manufacturing processes conducted at the Site during this time included the grinding of powders and solvents to produce paint, as well as the mixing, packaging and canning of paint products. Waste materials generated as part of these processes included pyro-phosphate, various solvents, hydrochloric acid and resin sludge. While the solvent waste was reportedly disposed of off-site (transported by Solvent Recovery Service of Southington, CT), cooling waters, boiler blowdown, resin sludge and small amounts of ground paint powder was ultimately discharged directly to the adjacent pond and river. It is noted that these discharges occurred prior to 1980 and the implementation of Resource Conservation Recovery Act (RCRA) which regulates the disposal of hazardous wastes.

Additionally, according to historical city directory listings, other tenants were identified at the Site throughout this timeframe including:

- Double B Products Company, Inc. (identified as an insecticide manufacturing company and paint manufacturer) between 1952 and 1970
- Conversion Chemical Corporation in 1960
- Outboard Shop & Sport Center between 1960 and 1970

No additional information about these tenants was available at the time of this Phase I ESA.

Albi Manufacturing moved their operations to New Britain, CT in approximately 1978 and the Site was sold to the current owner (Daniels Management, Inc.) in 1979.

Current operations as an electric company, sheet-metal workshop, self-storage and band room rentals began in approximately 1981. A review of historical city directories also identified a variety of other tenants at the Site including, but not limited to:

- Hockanum Salvage Inc. (a construction company owned by Sol Cantor) between 1985 and 2000
- C&C Products Inc. in 1985
- Furnace Brokers Inc. in 1985

Additional information about these tenants was not available at the time of this Phase I ESA.

It is noted that although the Site building is currently heated by natural gas, it was historically heated by at least two oil fired furnaces until approximately 1997. One furnace, presumably the original to the building, was located in the northwestern corner of the basement and was fed from a 1,000-gallon above ground storage tank also located in the same area of the basement. The second furnace, located in the former boiler room off the of the loading dock along the western side of the Site building, was a high pressure steam boiler which burned approximately 75-gallons of number 6 fuel oil per hour. A 3,000-gallon underground storage tank fed this boiler until the building was connected to natural gas (1997) and the boiler was removed. The 3,000-gallon UST is still in place and, although the exact location is unknown, based on the presence of UST fill and vent piping, it is presumably located along the front of the building adjacent to East Main Street.

Nearby Properties

Two properties adjacent to the Site have extensive industrial and manufacturing histories and include the following:

- **Former Amerbelle Corporation** (located east of the Site at 104 East Main Street)

  The former Amerbelle Corporation historically produced and dyed specialty textiles for various applications. Divided into two parcels, this company occupied one 2.7 acre parcel south of Brooklyn Street (directly adjacent to the Site) and one 1.5 acre parcel located north of Brooklyn Street. The Amerbelle building located directly adjacent to the Site housed the company's dyeing, mixing and finishing operations, while the building on the northern parcel contained its coating and storage operations. Several storage tanks containing various petroleum and acid products have historically been present on this property.

  Additionally, several environmental investigations have been conducted at this property including, but not limited to the following:

  - Phase I Environmental Site Assessment (GeoDesign Inc.; 2004)
  - Phase II Environmental Site Assessment (GeoDesign Inc.; 2004)
  - Targeted Brownfields Assessment Report (Metcalf & Eddy; 2006)
  - Limited Phase II/III Environmental Site Assessment (Fuss & O'Neill; 2009)

  Groundwater quality at this property was identified to have been negatively impacted by releases of petroleum and hazardous constituents to soil at several locations. Specifically, the chlorinated solvent tetrachloroethylene (PCE) was identified in overburden and bedrock groundwater at concentrations that represent potential vapor intrusion issues for adjacent buildings.

- **AnoCoil Corporation** (located west of the Site at 60 East Main Street)

  The AnoCoil Corporation is located on an approximately 4.3 acre parcel directly downgradient of the Site. AnoCoil manufactures lithographic plates for the commercial printing industry and is identified as owning the pond located adjacent to the Site. This facility reportedly used the

pond as cooling water for its manufacturing processes; however it is unclear if it currently continues this practice.

RECs Identified from Historical Information

Several RECs were identified for the Site based on a review of available historical information. These include the following:

- Former Boiler Room
- Historical Furnace and Fuel-Oil AST location (basement)
- Urban Fill (parking lot)
- Historical AST Storage Area (exterior to basement)
- Historical Site Operations (Fireproof Paint & Pesticide manufacturing)

Each of these RECs as well as those identified during the Site reconnaissance are described in more detail within the summary of findings and conclusions presented in *Section 8*.

Additionally, due to the activities on nearby properties, such as extended industrial manufacturing operations, there is the potential for contaminants to have been released that could adversely affect groundwater quality at the Site and/or present a vapor migration risk to the Site.

4 Federal, State, and Local File Review

Files of Federal, State and local agencies were reviewed for environmentally-related issues pertinent to the Site and nearby parcels, such as permits, inspection reports, enforcement history or documented releases of hazardous materials. Fuss & O'Neill used Environmental Data Resources, Inc. (EDR), an environmental database search service, to review the sources of information listed in the following table to identify properties of concern within distances of the Site specified by ASTM Practice E 1527-13.

EDR provides access to publicly available environmental databases maintained by various Federal, State, and local agencies. A copy of the information provided by EDR relative to the Site and nearby properties is included in *Appendix* C. The listed information sources are defined and described in detail within the complete EDR report.

Information Source	Search Distance
Federal Files	
National Priorities List (NPL)	1 mile
Delisted NPL Sites	0.5 mile
Resource Conservation and Recovery Act (RCRA) CORRACTS list (RCRA Site Subject to Corrective Action)	1 mile
Resource Conservation and Recovery Act (RCRA) Treatment, Storage or Disposal Facility (TSDF) List	0.5 mile

Information Source	Search Distance
Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List, including No Further Remedial Action Planned (NFRAP) sites	0.5 mile
RCRA Generators List	property and adjoining
RCRA No Longer Regulated (NLR) List	property and adjoining
Federal Institutional / Engineered Control List	property only
Emergency Response and Notification (ERNS) List	property only
State Files	
Hazardous Waste Site List (State sites equivalent to NPL)	1 mile
Hazardous Waste Site List (State sites equivalent to CERCLIS)	0.5 mile
Landfill and Solid Waste Site	0.5 mile
Leaking Underground Storage Tank (LUST) List	0.5 mile
State Voluntary Clean-up or Brownfield Sites	0.5 mile
Oil & Chemical Spills Database	property and adjoining
Registered Underground Storage Tank (UST) List	property and adjoining
State Institutional / Engineered Control List	property only

4.1 Summary of Regulatory Database Information

Site

According to the EDR report, the Site was listed in the Spills database. This listing, dated May 19, 1998, identified approximately 110 gallons of glue was released at the Site from two leaking drums. Although the Spill report is listed at the Site's address, based on the fact that the discharger was identified as an "Unknown Trucking Co.", it is not likely this Spill was directly related to Site operations. No additional information was available.

Nearby Properties

As reported in the EDR Report in *Appendix C,* several properties were identified in the environmental databases within the minimum search radii required by ASTM Practice 1527-13. Based on distance from the Site and the local hydrogeology, these parcels are not anticipated to have a negative effect on the subject property, with the following possible exception:

- **Amerbelle Textiles LLC/Amerbelle Corporation, 104 East Main Street** (adjacent to the east side of the Site) – This property was identified in several environmental databases including:
    - Registered ASTs/USTs
    - US Brownfields

- Oil & Chemical Spills
- RCRA Non-Generators
- CT, NY & RI Manifests

Additionally, it is known that several phases of environmental investigations (including a Phase I ESA and limited Phase II/III investigations) between 2004 and 2009 have been conducted at this property. Releases of petroleum and hazardous constituents to soil have impacted groundwater at this property including concentrations of PCE in groundwater at a monitoring well immediately upgradient of the Site.

Due to the inferred groundwater flow direction and the proximity of this properties to the Site, the potential exists for releases that occur at these properties to have an adverse impact on groundwater quality at the Site; however, the CTDEEP's policy on upgradient sources of contamination is that a downgradient property owner is not responsible for remediating groundwater contamination flowing onto his or her property from another property, as long as the contamination is present solely as a result of the off-site sources (Policy on Upgradient Contamination, Michael Harder, Director of Permitting, Enforcement, and Remediation Division, August 28, 1997).

The potential that vapors could be migrating onto the Site from this property does exist, because of the significant concentrations of volatile organic compounds identified in monitoring wells upgradient of the Site and Site building.

4.2 State File Review

As part of our records review, files for the Site were requested on October 9, 2014 from the CTDEEP Records Center including from the following:

- Property Transfer Program filings
- UST files
- Leaking UST files
- P-5 inspection reports
- Water Industrial/Remediation files
- Spill files
- PCB files
- Hazardous waste/RCRA files
- Environmental Land Use Restrictions

Hazardous waste files were available for two tenants at the Site including "Daniels Warehouse" and "Albi Manufacturing" and are discussed below. Copies of pertinent files are presented in *Appendix D*.

- Three P-5 Forms (dated September 1972, October 1974 and May 1977) were identified for Albi Manufacturing (Division of Cities Service) – These forms identified the processes conducted at the property and the types of waste streams generated.

- A letter from the CTDEEP to Albi Manufacturing dated November 24, 1975 requested the completion of a questionnaire regarding waste generation, storage and disposal methods. The completed questionnaire indicated that approximately 55-gallons of grinding, milling and paint production wastes, including off-spec latex paint, were generated per month and were disposed of by Solvent Recovery Company.
- A hazardous waste inspection checklist dated April 1982 indicated Albi manufacturing had moved and the Site was now occupied by Daniel's Warehouse. No information regarding waste generation was provided.
- A complaint dated February 1986 was received indicating that Daniel's Warehouse was cleaning out the basement and disposing of contaminated soil along the river bank along with potential hazardous waste. A follow up inspection conducted by CTDEEP identified non-hazardous construction debris was being disposed of in the pond from a building window; however no drums or hazardous waste was identified.
- Correspondence and CTDEEP inspection notes dated between January and March 2009 indicate Daniel's Warehouse was inspected following a complaint of waste disposal into the adjacent river. The inspection did not identify any hazardous waste disposal, generation or storage on site; however it did identify non-hazardous construction debris disposed along the river bank. These correspondences also indicate a 1,000-gallon UST had fallen into the pond adjacent to the Site when a shipping/receiving structure collapsed and fell down the pond embankment in November 2008. The tank was removed from the pond and had been identified to be empty, rotted and appeared to be out of use at the time. It was noted that when the tank and structure fell into the embankment, a sewer line was damaged which resulted in sewer discharge into the pond as well.

In addition, the CTDEEP Hazardous Waste Manifests Database, which summarizes manifests submitted from 1984 through 2008, was reviewed. The Site was not listed within the database; however a review of other historical sources indicated that the previous tenant (Albi Manufacturing) likely generated hazardous waste. This waste was generated prior to the implementation of RCRA and therefore was not included in the more recent database.

4.3 Wastewater and Leachate Discharge Sources

The Connecticut Leachate and Wastewater Discharge Sources Map (CTDEEP, 1997) was reviewed to determine if any historical discharges to the ground in the area of the Site have been reported. The following historical discharges were identified:

Facility-Discharge	Distance/ Direction from Site
Amerbelle Corp. – Cooling water discharge	Adjoining property/East
AnoCoil – Cooling water discharge	Adjoining property/ West-Southwest

Although these properties are located directly adjacent to the Site, based on the inferred groundwater flow direction and the proximity of the Hockanum River and Mill pond, the discharges from the Amerbelle Corporation and AnoCoil are anticipated to have the potential to adversely impact the Site.

As previously stated, the CTDEEP does not hold a property owner liable for releases due solely to off-site sources.

4.4 Local File Review

As part of this Phase I ESA, files and personnel at the Town of Vernon offices of the Town Clerk, Tax Assessor, Building Department and Fire Marshal were queried regarding environmental concerns at the Site. Several building and electrical permits were on file for the Site as well as numerous correspondences between the Town and Site owner regarding the 2009 collapse of the shipping/receiving structure into the adjacent pond. Additionally two hazardous materials surveys for the Site were on file with the Fire Marshal.

A brief summary of the pertinent files obtained from the Town Hall offices are summarized below:

- Application for Heating Permit dated July 1962 – requested the installation of 3 1,000-gallon tanks; permission for installation of the tanks was granted and indicated that the tanks would hold solvents, be covered with sand and cement top and block three windows.
- Application for Building Permit dated October 1969 – the Site owner, identified as Albi Manufacturing Co., requested a permit to replace a leaking underground tank with a 4,000-gallon tank as well as to relocate transformers from a pad to a utility pole. Additionally the permit was requested for an addition to the loading dock and roof replacement.
- Application for Building Permit dated November 1971 – the owner of the Site, identified as BB Realty Corp., requested a permit for the construction of a concrete tank support platform (adjacent to the elevator shaft) to support solvent storage tanks.
- Hazardous Material Survey dated January 1988 – identified the facility as C&C Products Inc. which stored liquid lacquer, kerosene and adhesive within a combustible storage area on the first floor.
- Hazardous Material Survey dated February 1989 – identified the facility as Northland Industries which stored methylene chloride dichloromethane and naphtha within a "metal shop" area on the fourth floor (adjacent to the elevator).

A copy of the Assessor's card and the above referenced files are included with the Town File information in *Appendix B*.

5 User-Provided Information

ASTM Practice 1527-13 describes certain tasks to be performed by the user of this assessment that will help to identify RECs at the parcel if they exist. ASTM Practice 1527-13 defines the user as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property." Users can include a potential purchaser or tenant of the property, a lender, a property manager, or a property

owner. As part of our agreement to conduct this work, we provided Mr. Jacobs with a User Questionnaire.

The User did not return the questionnaire or provide information pertaining to the items listed in the subsections below as of the date of this report. Note that the AAI Federal Rule recommends that the user provide certain information to the environmental professional; however, the rule does not require that the information be provided. In the event the information is not provided, the environmental professional is instructed to consider the lack of information as a data gap and evaluate the significance of the data gap. Therefore, the lack of user provided information is considered a data gap and is addressed in further detail in *Section 8.1*.

6 Site Reconnaissance and Interviews

6.1 Interviews

Owner/Key Site Manager

This assessment included an interview with the current owner of the Site, Sol Cantor, who has owned and operated the Site since 1981. Sol Cantor was interviewed by Stefanie K. Wierszchalek on October 7, 2014 during the Site reconnaissance walk. Information pertaining to the Site, current and past operations provided by him is presented below and has been incorporated into appropriate sections of this report.

During the interview, Sol Cantor indicated that he personally removed two former boilers from the Site:

- One, located in the former boiler house located off the western portion of the Site building, adjacent to the loading dock, was removed shortly after the purchase of the Site in approximately 1982. It was noted that the 3,000-gallon No. 6 fuel-oil UST used to fuel this boiler was currently left in place.
- The second boiler, removed more recently, was located in the western portion of the basement and also included the removal of an approximately 1,000-gallon fuel oil AST.

Additionally, he reportedly removed approximately 12 ASTs from an exterior storage location (located off the southeastern portion of the basement). He indicated these tanks, used to store acids, were formerly used as part of Albi Manufacturing's operations and that each tank was empty at the time of removal.

Occupants

The current Site occupants were not interviewed as part of this Phase I ESA due to the fact that there were several who simply leased storage and band practice space from the building owner. The one occupant who operated A1 Enterprises (a sheet metal shop) in a portion of the Site building was not available for interview.

6.2 Site Reconnaissance

The Site consists of a 1-acre, irregularly-shaped parcel of land and is improved with a six-story (including basement and attic) historical mill building and associated paved parking area to the west. The Site is directly abutted to the south by Mill Pond and to the east by the former Amerbelle Corporation buildings. Access to the Site is via East Main Street (CT Route 74). A Site Plan showing the current Site configuration is provided as *Figure 2.*

The site reconnaissance was conducted on October 7, 2014 by Stefanie K. Wierszchalek, of Fuss & O'Neill, accompanied by Sol Cantor, the property owner of Daniel's Management Inc. The site reconnaissance included a general Site walkthrough and inspection. The inspection included the physical observation of each of the four floors, basement and attic of the building. Select photographs taken during the site walkthrough are presented in *Appendix F.*

Building

The Site building, originally constructed in 1855, is currently divided into separate units which are leased to a variety of tenants including the following:

Current Occupants/Use	Business Description	Floor
Band Room & Studio Rentals	Band practice rooms	1st & 2nd Floors
Sol Cantor Electric, Inc.	Complete electric Service	2nd Floor
A1 Enterprises	Sheet metal workshop	2nd Floor
Daniel's Mill Self Storage	Self-storage units	3rd & 4th Floors
Charity Storage	Church charity storage pending distribution	4th Floor

During the Site walk, visual observations were made for the following:

- ***Hazardous Wastes/Materials:*** Hazardous wastes and/or materials are not currently generated or stored at the Site and none were observed during the Site visit.
- ***Petroleum Products - Use/ Storage:*** Various consumer quantities of petroleum products (lubricating oil, etc.) were identified within the first floor equipment storage area and within the sheet metal workshop located on the 2nd floor. Although reported to be not currently in use, there is the potential that several fuel oil and other petroleum UST's are still in place at the Site.
- ***General Housekeeping Observations:*** Overall, the general housekeeping practices throughout the Site building within designated equipment storage areas, within the first floor storage space, sheet metal shop on the 2nd floor, attic and basement specifically, could be improved. Dark staining was observed on the wooden floors within these areas.
- ***Virgin/Waste Chemical Storage Areas:*** Aside from general consumer quantities of cleaning products, no chemical storage areas (virgin or waste) were observed at the time of the Site inspection.

- ***Drums:*** Several unlabeled drums were observed throughout the Site building; however they were used as scrap and general refuse storage containers. The Site contact indicated he acquired clean, empty drums for use as storage containers as needed; reportedly, none of the drums observed within the Site building remained from past Site operations.
- ***Floor Drains:*** A floor drain was observed with exposed plumbing along the southwest portion of the basement. The floor drain presumably discharged to the sanitary sewer, although it was reportedly abandoned.

Grounds

It is noted that the building occupies the majority of the eastern side of the Site and the Site grounds were limited to the paved parking area to the west of the building and a small strip of land along the northern side of the building adjacent to East Main Street.

- ***Loading Dock:*** A loading dock is located along the western side of the Site building. Although a vehicle was parked at this location during the time of the Site inspection, a patched area in the pavement was visible in this area.
- ***Drums:*** Two, unlabeled drums were observed off the southwest corner of the Site building, staged on the asphalt parking lot. Although these were not opened at the time of the Site inspection, they were noted to be full of unknown contents.
- ***Monitoring Wells:*** Groundwater monitoring wells were not observed on the Site, however it is noted that several monitoring wells are present on the adjacent property to the east.
- ***USTs/ASTs:*** UST fill/vent pipes were observed along the northern side of the Site building (along East Main Street). At least one, but potentially more, USTs are likely present in this area. No ASTs were observed.
- ***Transformers:*** No electrical transformers were observed on the Site.

7 Connecticut Transfer Law Status

The State of Connecticut Property Transfer Law, described in Sections 22a-134a through 22a-134e of the Connecticut General Statutes, requires the disclosure of environmental conditions when certain real properties and/or businesses are transferred. The law applies only to those properties that are deemed to be "establishments" as defined under the law. As defined by the Transfer Act (Sections 22a-134a et seq. of the Connecticut General Statutes, as amended), an establishment is:

> *...any real property at which or any business operation from which (A) on or after November 19, 1980, there was generated, except as the result of remediation of polluted soil, groundwater or sediment, more than one hundred kilograms of hazardous waste in any one month, (B) hazardous waste generated at a different location by another person or municipality was recycled, reclaimed, reused, stored, handled, treated, transported or disposed of, (C) the process of dry cleaning was conducted on or after May 1, 1967, (D) furniture stripping was conducted on or after May 1, 1967, or (E) a vehicle body repair facility is or was located on or after May 1, 1967.*

If the Site is determined to be an establishment, CTDEEP reporting and involvement may be required in order to transfer the property, and CTDEEP will require identification, delineation, and remediation of all environmental concerns in accordance with Connecticut's Remediation Standard Regulations.

Activities that would qualify the facility as an "establishment" have not been identified; however, it is noted that historical information indicate past Site operations may have generated wastes prior to the implementation of RCRA in 1980 that would have been deemed hazardous according to the current standards. Should a determination as to the regulatory status of the Site with regard to the Connecticut Transfer Law be desired, legal counsel should be consulted.

8 Data Gaps, Findings and Conclusions

8.1 Data Gaps

Standard Practice 1527-13 requires the identification and evaluation of data gaps or data failures, which are defined as a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.

The following data gap was identified during this investigation:

- The User did not provide information pertaining to their responsibilities as discussed in *Section 5.0* of this report. This is not considered to be a significant data gap, however, due to the information obtained during the interview with the site contact/owner, who was extremely knowledgeable about the Site and current and past operations.

8.2 Findings and Conclusions

Fuss & O'Neill, Inc. prepared this Phase I ESA report in general conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in *Appendix A* of this report.

8.2.1 Identified RECs

This Phase I ESA has revealed no evidence of recognized environmental conditions (RECs) in connection with the Site, except for the following:

- ***Former Furnace & Fuel-Oil AST Area (basement):*** An oil-fired furnace and 1,000-gallon fuel oil AST were formerly located in the western portion of the building's basement.
- ***Former Floor Drain (basement):*** A floor drain was identified in the southwestern portion of the basement adjacent to exposed plumbing. The floor drain presumably discharged to the sanitary sewer, although it was reportedly abandoned.
- ***Historical AST Storage Area:*** An exterior area, accessible from the basement, was identified as a historical AST storage area. The ASTs were reportedly former acid storage tanks and were

removed by the current property owner. The site contact indicated the tanks were empty at the time of removal.

- ***Former/Current USTs:*** At least eight USTs were historically located at the Site – six along the front of the Site building (along East Main Street) and two off the southern side of the loading dock. While at least one of the two USTs off the loading dock were documented as having fell into the adjacent pond as the result of the shipping/receiving structure collapse; vent and fill pipes are visible along the front of the building indicating USTs are likely still present in this area. As with any underground tank system, there is the potential for subsurface releases to have occurred due to leaks in the tank or piping.
- ***Loading Dock:*** A loading dock is located off the western side of the Site building. The potential for releases from materials being shipped/received and from vehicle traffic exists at this location.
- ***Former Pad-Mounted Transformer:*** Information obtained from the Town of Vernon indicated a pad-mounted transformer was formerly located at the Site. Although an exact location was not indicated, it was presumably in the area of the loading dock. The potential exists that this transformer used PCB-containing oil and releases may have occurred.
- ***Urban Fill:*** A review of historical Sanborn maps indicate that the parking lot area located to the west of the Site building was filled between approximately 1892 and 1897.

8.2.2 Potential Off-Site Concerns

The following potential off-site concerns were identified:

Releases to the Environment - Amerbelle Corporation: Releases of petroleum and hazardous constituents to soil and groundwater have been identified at the adjacent, upgradient Amerbelle Corporation property. These include chlorinated volatile organic compounds, specifically PCE, detected in groundwater at a monitoring well directly upgradient to the western side of the Site building at concentrations which have the potential to pose a vapor intrusion risk to the Site building.

8.2.3 Appropriateness of Investigations

Fuss & O'Neill has followed the guidelines described in ASTM E1527-13 to identify the RECs at this Site in a manner consistent with standard practice in the industry; however, as indicated in the ASTM standard, "No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, and the practice recognizes reasonable limits of time and cost." In accordance with Section 12.6.1 of ASTM Standard Practice E 1527-13, the appropriateness of additional investigations necessary to determine the presence or absence of identified RECs was evaluated.

9 References

ASTM International, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM Practice E 1527-13.

Connecticut Department of Environmental Protection, 1982, The Atlas of Public Water Supply Sources and Drainage Basins of Connecticut; CTDEP Natural Resources Center.

Connecticut Department of Environmental Protection, 1986, Water Quality Classifications for the Thames River, Pawcatuck River, and Southeast Coastal Basins; CTDEP, Bureau of Water Management; adopted December 1986.

Connecticut Department of Environmental Protection, 1997, Leachate and Wastewater Discharge Sources for the Thames River, Pawcatuck River, and Southeastern Coastal Basins; CTDEP Water Management Bureau.

Connecticut Department of Environmental Protection, 2011, Water Quality Standards; CTDEP, Effective February 25. 2011.

Connecticut Department of Energy and Environmental Protection, 2014 Connecticut Environmental Conditions Online; prepared in cooperation with the University of Connecticut. Retrieved online from http://ctecoapp1.uconn.edu/advancedviewer/. Accessed October 2014.

Limited Phase II/Limited Phase III Environmental Site Assessment, Amerbelle Textiles, 104 East Main Street, Vernon, Connecticut; Fuss & O'Neill, December 2009.

Phase I Environmental Site Assessment, Amerbelle Corporation, 104 East Main Street, Vernon, Connecticut; GeoDesign, Inc., March 2004.

Rodgers, J., 1985, Bedrock Geological Map of Connecticut; CTDEP, Natural Resources Center, Connecticut Geological and Natural History Survey, in cooperation with the United States Department of the Interior, U.S. Geological Survey.

Stone, J. R., Schafer, J. P., London, E. H. and Thompson, W. B., 1992, Surficial Materials Map of Connecticut; prepared in cooperation with CTDEP, Geological and Natural History Survey.

United States Geological Survey, Rockville Quadrangle Connecticut-Tolland County, 7.5-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey, 1967, Photorevised 1984.

10 Limitations of Work Product

This document was prepared for the sole use of Mr. Leonard Jacobs; Jacobs, Walker, Rice & Barry LLC, the only intended beneficiary of our work. Those who may use or rely upon the report and the services (hereafter "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.

2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.

3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the Site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the Site with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may affect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided, and unless otherwise described in the work product has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

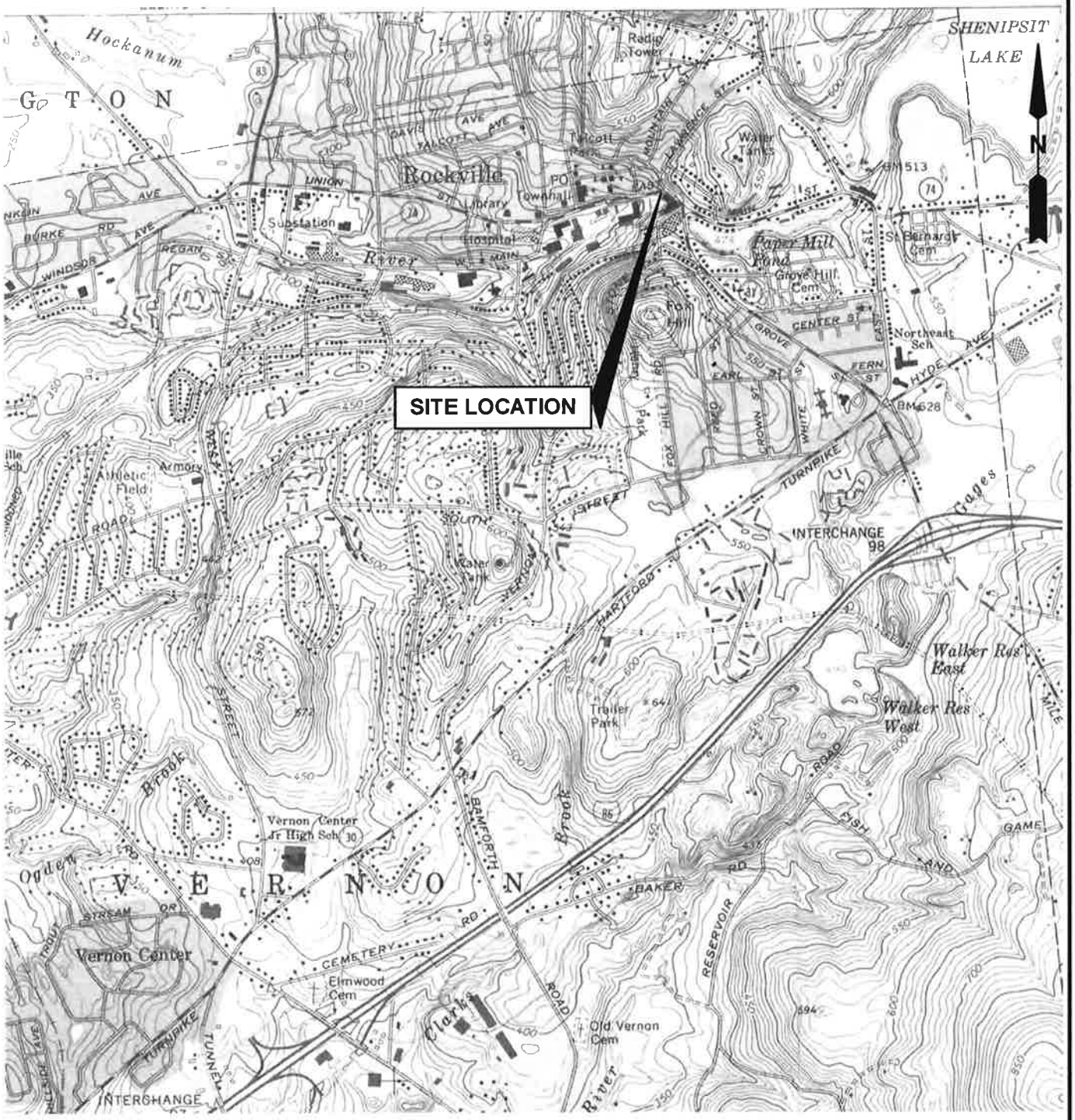
9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the Site.

10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.

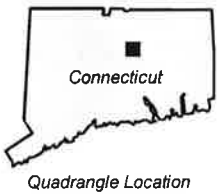
11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.



MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
ROCKVILLE, CONN. 1967 REVISED 1984



Quadrangle Location

0 1000 2000
GRAPHIC SCALE
SCALE: 1"=2000'

FUSS & O'NEILL

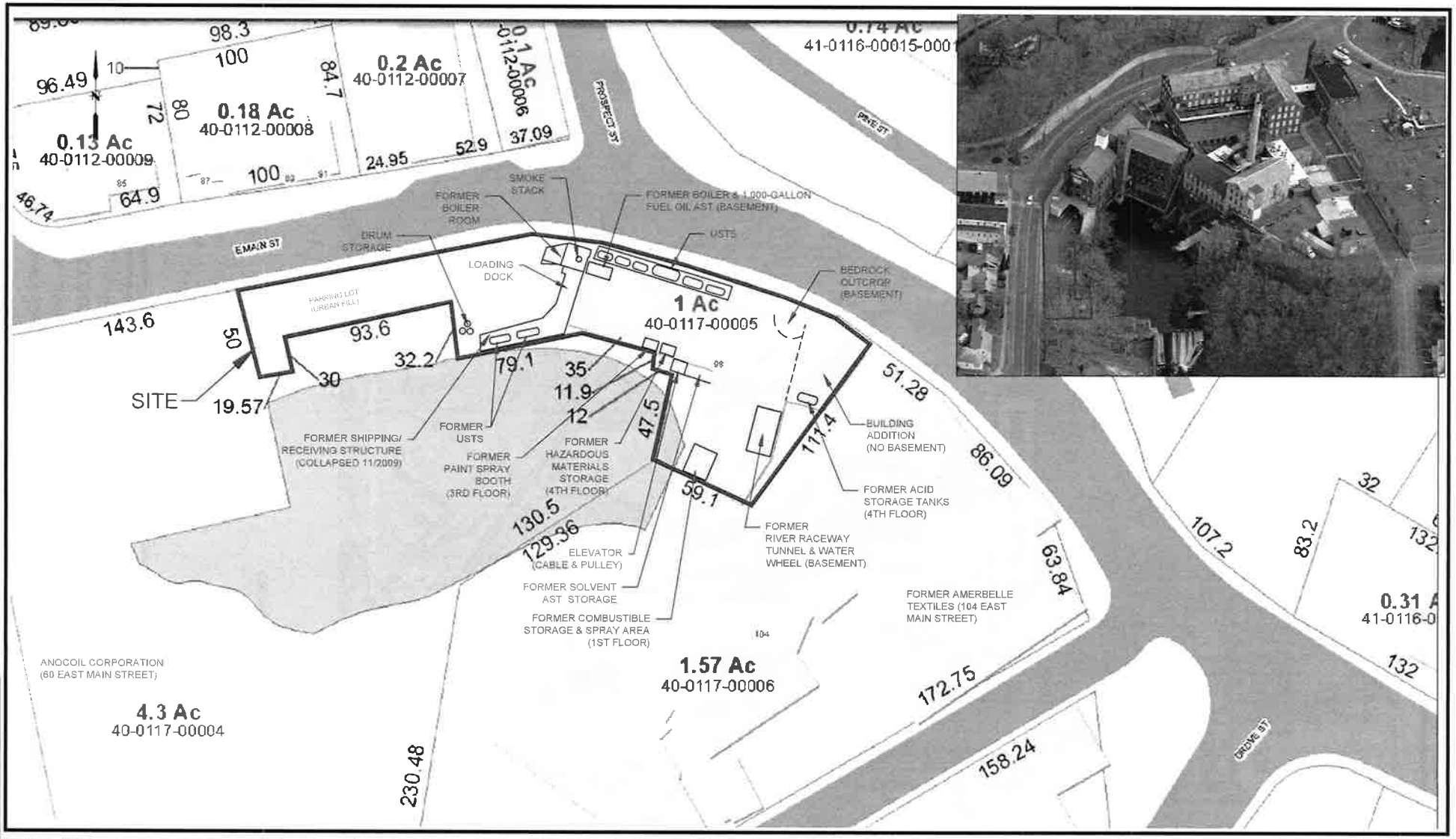
PHASE I ESA

SITE LOCATION MAP

DANIEL'S MILL
98 EAST MAIN STREET
VERNON CONNECTICUT

PROJ. No: 20080371D10
DATE: OCTOBER 2014

FIGURE 1



NOTES:
- PARCEL MAP FROM TO OF VERNON GIS WEBSITE.
- AERIAL PHOTOGRAPH FROM PICTOMETRY WEBSITE (NOT TO SCALE).
- LOCATIONS OF SITE AND BUILDING FEATURES AREA APPROXIMATE

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1			XX/XX	XX

SCALE
HORZ. 1" = 50'
VERT.
DATUM
HORZ.
VERT.
0 25 50
GRAPHIC SCALE

FUSS & O'NEILL
146 HARTFORD ROAD
MANCHESTER, CONNECTICUT 06040
860 646-2469
www.fando.com

SITE PLAN
FORMER DANIEL'S MILL
98 EAST MAIN STREET
VERNON/ROCKVILLE CONNECTICUT

PROJ. No. 20080371C10
DATE: DECEMBER 2014

FIGURE 2

FUSS & O'NEILL

Appendix A

Scope of Work and Restrictions

FUSS & O'NEILL

All Appropriate Inquiry Phase I ESA Scope of Work

Fuss & O'Neill uses Standard Practice E 1527-13 as the general standards] for conducting Phase I ESAs. For consistency, this scope of work is generally presented based on the outline of our standard Phase I ESA report. The descriptions of the procedures and sources for obtaining the information for each section follow the section headings. As specified by Standard Practice E 1527-13, the scope of work described below allows for use of professional judgment to determine the extent to which specific sources are reviewed.

Unless otherwise specified, the following items are not considered in the course of completing an ASTM E 1527-13 Phase I ESA:

- Asbestos, Lead (paint/plumbing), Radon, Mold, Fluorescent Light Ballasts
- Wetlands, Ecological Resources, Historical/Cultural Resources
- Regulatory and Health & Safety Compliance
- Endangered species

These items typically present little environmental risk to the grounds of a site; however, these items may be liabilities during property transfer, regulatory audits, construction, renovation, or demolition projects.

1.0 Introduction

The objective of the ESA and the party that this ESA was conducted for are identified in this section.

2.0 Site Overview

2.1 Site Information

2.1.1 Property Location, Size of Parcel, and Site Plan

Review of USGS topographic maps, local assessor and zoning maps and property description cards, field observations and sketches, and, if available, plans provided by a contact for the Site. A site plan is included that is derived from these sources.

2.1.2 Potable Water Supply and Sewage Disposal

Query the local Department of Public Works, local Engineering Department, appropriate local utilities, and/or other local municipal sources and/or a knowledgeable site contact.

2.1.3 Adjoining Land Use

Site reconnaissance and assessor's mapping.

2.2 Physical Setting of Site

2.2.1 Geologic and Physiographic Setting

Site reconnaissance, USGS topographic maps, and available geological maps.

2.2.2 Groundwater

Site reconnaissance, USGS topographic maps, and CTDEEP water quality maps and water quality standards.

2.2.3 Surface Water
Site reconnaissance, USGS topographic maps, and CTDEEP water quality maps and water quality standards.

2.2.4 Location of Public Water Supply Sources
Site reconnaissance, CTDEEP water supply source mapping, and mapping available in local departments queried as part of the ESA.

2.3 Previous Environmental Investigations

Provided by the appropriate site contact or identified by other means during the course of conducting the ESA.

3.0 Site History

Site reconnaissance, knowledgeable site contacts, aerial photographs available at the State Archives and CTDEEP, Sanborn fire insurance maps available at the State Library, street directories available at the State Library (note that street directories are reviewed at approximately five-year intervals, but may be reviewed at smaller intervals for multi-tenant properties), and local municipal sources (local municipal Building Department, Engineering Department, Planning and Zoning Department, Health Department, and Fire Marshal).

4.0 Federal, State, and Local File Review

4.1 Summary of Regulatory Database Information

Regulatory databases specified by Standard Practice E 1527-13 are reviewed using Environmental Data Resources, Inc., an environmental database search service.

The report provided by Environmental Data Resources, Inc. is reviewed in detail. Sites that are inferred to present a significant risk to adversely impact the Site are identified and explained within the ESA report. However, sites inferred to pose little risk to adversely impact the Site are disclaimed within the attached Environmental Data Resources, Inc report.

4.2 CTDEEP File Review

CTDEEP Orders, Notices of Violation, and Connecticut Transfer Act Forms are provided for the Site using FirstSearch Technology Corporation.

Correspondence files for the Site are requested from the CTDEEP solid waste and water management bureaus. If available, these files are reviewed for pertinent information, which is either copied or noted.

CTDEEP Connecticut Leachate and Wastewater Discharge Source maps are reviewed to identify any sites within one-half mile of the Site that may adversely impact the Site.

4.3 Local File Review

Files for the local municipal Tax Assessor, Building Department, Planning and Zoning Department, Health Department, and Fire Marshal are reviewed.

5.0 User Provided Information

Information provided by the user as required by the practice is discussed in this section

6.0 Site Reconnaissance, Interviews, Radon, and Non-ASTM Scope Considerations

6.1 Interviews

An attempt needs to be made to interview the owner and/or a key site manager identified by the owner. Note the owner can be the key site manager. Prior to conducting the interview, send the Owner/Key Site Manager Questionnaire. A reasonable attempt needs to be made to interview the owner/key site manager during the site visit.

6.2 Site Reconnaissance

Field observations the results of required interviews are discussed in this section. In addition, surveys conducted to identify non-scope considerations are addressed.

6.3 Radon

Determine the Site's radon propensity zone (low, medium, or high) based on US EPA Map of Radon Zones.

7.0 Connecticut Transfer Act Status

Based on information obtained as part of the ESA, our opinion regarding the site's status with respect to the Connecticut Transfer Act is provided.

Hazardous waste manifests may be requested from CTDEEP or appropriate site contact to help resolve questions regarding the quantity of hazardous waste generated at the site.

8.0 Data Gaps, Findings and Conclusions

Data gaps relevant to the identification of recognized environmental conditions are discussed. In addition, recognized environmental conditions are summarized in this section as well as recommendations for further investigation, if appropriate.

9.0 References

References used as part of the ESA are presented here.

Restrictions: Exceptions To or Deletions from The Scope of Work

None.

FUSS & O'NEILL

Appendix B

Town File & GIS Database Information

Tax ID 40-0117-00005 Printed 07/03/2014 Card No. 1 of 1

ADMINISTRATIVE INFORMATION

PARCEL NUMBER
40011700005
Parent Parcel Number

Property Address
EAST MAIN ST 098

Neighborhood
12100 GENERAL INDUSTRIAL

Property Class
302 Manufacturing - Light

TAXING DISTRICT INFORMATION

Jurisdiction	146	VERNON CT
Area	146	
Routing Number	6284	

OWNERSHIP

DANIELS MANAGEMENT INC
98 EAST MAIN ST
VERNON, CT 06066-0451
CENSUS TRACT: 530100

TRANSFER OF OWNERSHIP

Date			Bk/Pg:
11/20/1979	D	$0	372, 286

INDUSTRIAL

VALUATION RECORD

2013		10/01/2006	10/01/2010	10/01/2011
Reason for Change		2006 Reval	2010 ASMT	2011 REVAL
VALUATION	I	75000	75000	60000
Market	B	525040	525040	342100
	T	600040	600040	402100
VALUATION	I	52500	52500	42000
70% Assessed/Use	B	367530	367530	239470
	T	420030	420030	281470

Site Description

Topography:

Public Utilities:
Water, Sewer, Gas, Electric

Street or Road:
Paved

Neighborhood:

Zoning:
HDI

Legal Acres:
1.0000

LAND DATA AND CALCULATIONS

Land Type	Rating Soil ID -or- Actual Frontage	Measured Acreage -or- Effective Frontage	Table Effective Depth	Prod. Factor -or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value
1 Industrial Site		1.0000		1.00	75000.00	75000.00	75000 7	-20%	60000

10/2000- DANIELS WAREHOUSE

Supplemental Cards

TRUE TAX VALUE 60000

Supplemental Cards
TOTAL LAND VALUE

IMPROVEMENT DATA

PHYSICAL CHARACTERISTICS

ROOFING

Built-up

WALLS

	B	1	2	U
Frame				
Brick	Yes	Yes	Yes	Yes
Metal				
Guard				

FRAMING

	B	1	2	U
F Res	9043	9271	9043	18086

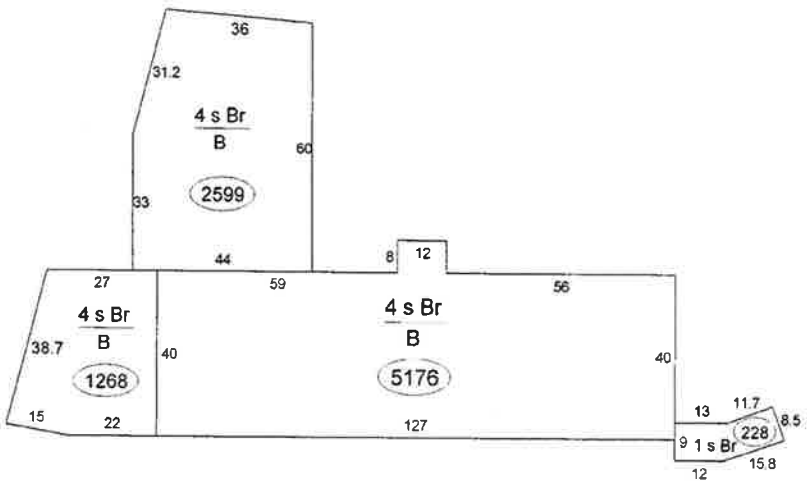
FINISH

	UF	SF	FO	FD
B	9043	0	0	0
1	9271	0	0	0
2	9043	0	0	0
U	18086	0	0	0
Total	45443	0	0	0

HEATING AND AIR CONDITIONING

	B	1	2	U
Heat	9043	0	9043	18086
Sprink	9043	9271	9043	18086

01 02 03



(LCM: 100.0

SPECIAL FEATURES

Description	Value
02 : 4-7FLRS STOPS	

SUMMARY OF IMPROVEMENTS

ID	Use	Stry Hgt	Const Type	Grade	Year Const	Eff Year	Cond	Base Rate	Feat-ures	Adj Rate	Size or Area	Computed Value	Phys Depr	Obsol Depr	Market Adj	% Comp	Value
C	LMFG	0.00		Avg-	1855	1950	FR	0.00	N	0.00	9271	0	0	0	0	100	275420
01	PAVING	0.00	85	Avg	1975	1975	AV	4.50	N	4.50	4800	21600	45	0	0	100	11880
02	ELEVFRT	0.00		Avg	1965	1965	AV	50630	Y	50630	1@ 0	110630	55	0	0	100	49780
03	UTLSHED	0.00	1	Avg	1972	1972	AV	11.65	N	11.65	784	9130	45	0	0	100	5020

Data Collector/Date	Appraiser/Date	Neighborhood	Supplemental Cards TOTAL IMPROVEMENT VALUE
01/01/1900	01/01/1900	Neigh 12100 AV	342100

STATE OF CONNECTICUT
Department of Public Safety
Division of State Police
Bureau of State Fire Marshal
and Safety Services
SP-316-C (10/87)

MANUFACTURING EMPLOYER HAZARDOUS MATERIALS SURVEY

IMPORTANT: Read instructions before completing form.

RECEIVED JAN 13 1988

A 1. FACILITY LOCATION
Name C & C PRODUCTS INC.
Street 98 EAST MAIN ST.
City VERNON State CT Zip 06066
SIC Number (If known)

2. OWNER/OPERATOR
Name CHARLES KALBER
Mail Address 43 HUBBARD ST VERNON, CT. 06238
Phone Number (203) 643-1358

3. EMERGENCY CONTACT PERSON
Name CHRIS WALTER
Title PLANT SUPERVISOR
Phone Number (203) 875 6350 (DAY)
24 Hour/Day Phone Number (203) 429-2840 (NIGHT)

B DOES THIS FACILITY USE, STORE, OR PRODUCE ANY QUANTITY OF ANY MATERIAL LISTED ON THE ATTACHED HAZARDOUS MATERIALS TABLE? (See Instructions)

If "no", sign the certification below
If "yes", complete the form using the code numbers provided.

YES ☒ NO ☐

① HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.	ENTER CODES: ④ INVENTORY	⑤ UNIT	FOR OFFICIAL USE ONLY
1. LACQUER BASE Location STAINING AREA / STORAGE AREA	FLAMMABLE LIQUID	UN 1263	03	G	
2. KEROSENE Location STORAGE AREA	COMBUSTIBLE LIQUID	UN 1223	01	G	
3. ADHESIVE (CONTACT) Location STORAGE AREA	FLAMMABLE LIQUID	UN 1133	01	G	
4. Location					
5. Location					

6 ☐ Check here if the information is continued on the reverse side.

D ☒ Check here if facility site plan is attached.

C CERTIFICATION OF COMPANY OFFICIAL
I, hereby certify that all statements made by me are true, complete and correct to the best of my knowledge.

Signature Charles Kalber Date 1/11/88 Title PRES.
Name (Print) CHARLES KALBER Phone Number (203) 643-1358

IMPORTANT
RETURN ORIGINAL TO:
YOUR LOCAL FIRE MARSHAL OFFICE

E FIRE DEPARTMENT Phone No. 875 25 43
Name TOWN OF VERNON FIRE DEPARTMENT
Address P.O. BOX 54
Report Received by Robert E Kelley Date 2/8/88

LOCAL FIRE MARSHAL OFFICE Phone No. 872-8591
Name DONALD MAGUDA
Address 14 PARK PLACE VERNON, CT. 06066
Report Received by Donald Maguda Date 1/13/88

MANUFACTURING EMPLOYER
HAZARDOUS MATERIALS SURVEY

Facility Name _____

Location _____

_____

Please print or type

① HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.		ENTER CODES: ④ INVENTORY	ENTER CODES: ⑤ UNIT	FOR OFFICIAL USE ONLY
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						
Location						

If you have additional hazardous materials to list, include them on a copy of this form.

INVENTORY RANGE (Enter in Item 4)

01	less than 10	06	5,001 to 10,000
02	11 to 100	07	10,001 to 50,000
03	101 to 500	08	50,001 to 100,000
04	501 to 1,000	09	100,001 to 500,000
05	1,001 to 5,000	10	500,001 to 1 million +

UNITS OF MEASURE (Enter in Item 5)

C = Cubic Feet
P = Pounds
G = Gallons

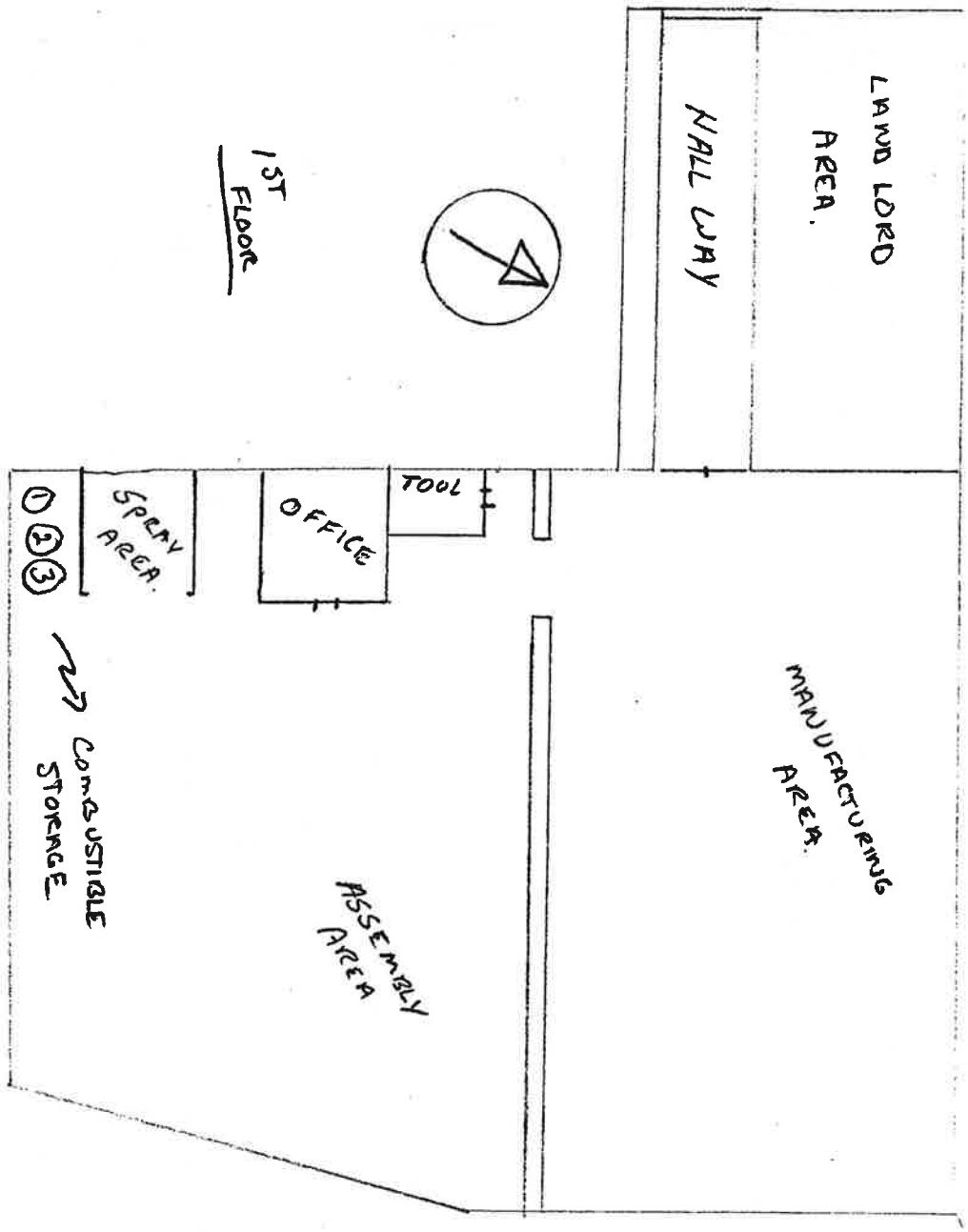
PARKING AREA.

C&C PRODUCTS INC.

98 EAST MAIN ST. 1ST FLOOR)

VERNON ,CT. 06066

DRAWN BY: CHRIS WALTER 1/11/88



STATE OF CONNECTICUT
Department of Public Safety
Division of State Police
Bureau of State Fire Marshal
and Safety Services
SC [illegible]6-C (10/87)

MANUFACTURING EMPLOYER HAZARDOUS MATERIALS SURVEY

IMPORTANT: Read instructions before completing form.

RECEIVED FEB 17 1989

(A) 1. FACILITY LOCATION
Name: Northland Industries
Street: 98 E Main St
City: Rockville State: Ct Zip: 06066
SIC Number (If known):

2. OWNER/OPERATOR
Name: Northland Industries
Mail Address: PO 864
Rockville, Ct 06066
Phone Number: (203) 872-8130

3. EMERGENCY CONTACT PERSON
Name: Donald Schoeck
Title: V Pres
Phone Number: (203) 872-8130
24 Hour/Day Phone Number: (203) 429-5910

(B) DOES THIS FACILITY USE, STORE, OR PRODUCE ANY QUANTITY OF ANY MATERIAL LISTED ON THE ATTACHED HAZARDOUS MATERIALS TABLE? (See Instructions)

If "no", sign the certification below
If "yes", complete the form using the code numbers provided.

YES ☑ NO ☐

HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.		ENTER CODES ④ INVENTORY	ENTER CODES ⑤ UNIT	FOR OFFICIAL USE ONLY
1. Methylene Chloride Dichloromethane Location: Room A 4th Floor	ORM-A	UN	1593	01	G	
2. Naptha Location: Room A 4th Floor	Flammable UN 2563 Hqbid.	UN	2563	01	G	
3. Location						
4. Location						
5. Location						

⑥ ☐ Check here if the information is continued on the reverse side.

(D) ☑ Check here if facility site plan is attached.

(C) CERTIFICATION OF COMPANY OFFICIAL
I, hereby certify that all statements made by me are true, complete and correct to the best of my knowledge.

Signature: Jean L. Lara Date: 2/15/89 Title: Pres
Name (Print): JEAN L. LARA Phone Number: 203) 872-8130

IMPORTANT
RETURN ORIGINAL TO:
YOUR LOCAL FIRE MARSHAL OFFICE

FIRE DEPARTMENT Phone Number: ( ) 872-7333
Name: ROBERT E. KELLEY - FIRE CHIEF
Address: PO BOX 54, VERNON CT. 06066
Report Received by: _____ Date: / /

LOCAL FIRE MARSHAL OFFICE Phone Number: ( ) 872-8591
Name: DONALD MAGUDA - FIRE MARSHAL
Address: 14 PARK PLACE, VERNON, CT. 06066
Report Received by: Donald Maguda Date: 2/17/89

MANUFACTURING EMPLOYER
HAZARDOUS MATERIALS SURVEY

Facility Name _____

Location _____

_____

Please print or type

① HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.	ENTER CODES: ④ INVENTORY	ENTER CODES: ⑤ UNIT	FOR OFFICIAL USE ONLY
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					

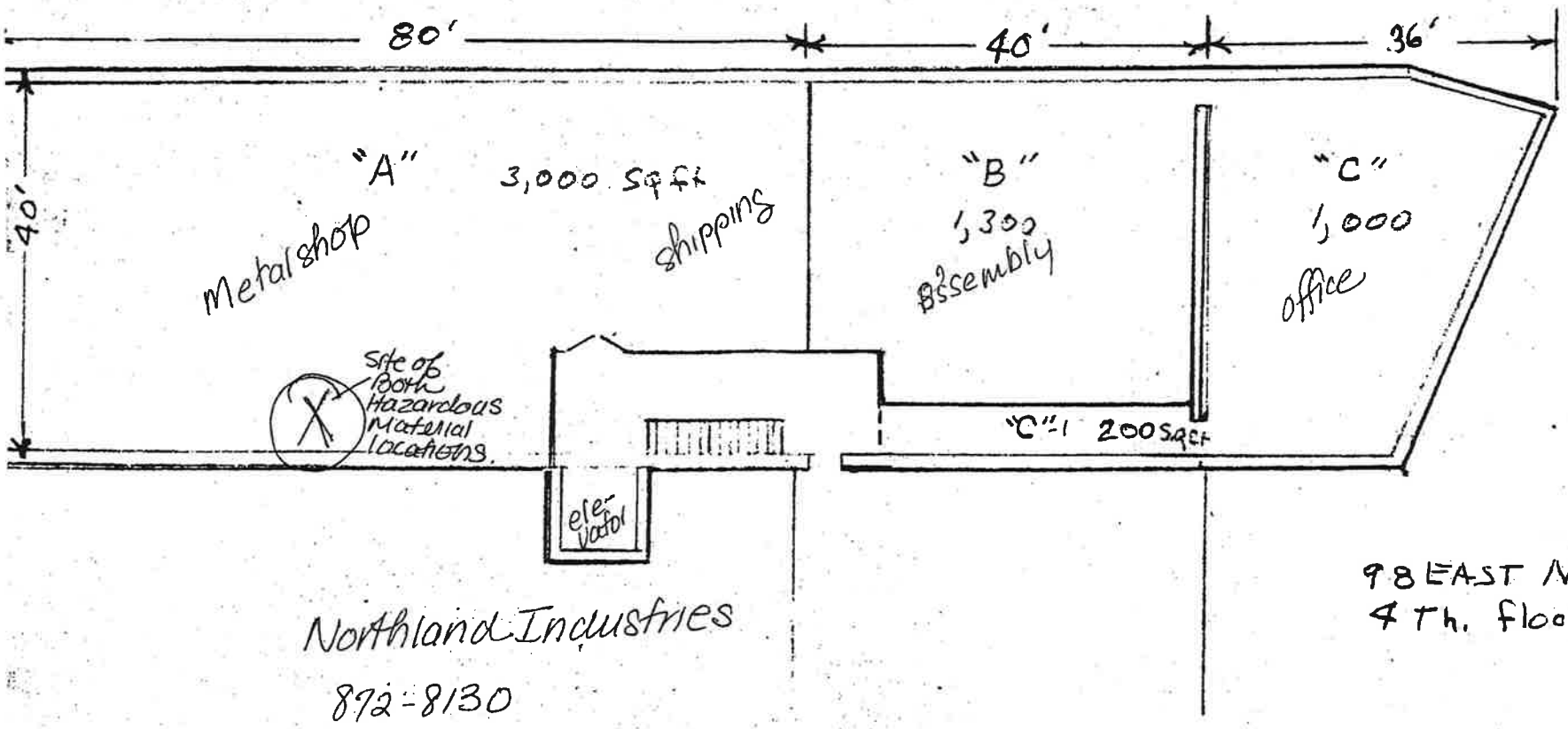
If you have additional hazardous materials to list, include them on a copy of this form.

INVENTORY RANGE (Enter in Item 4)

01	less than 10	06	5,001 to 10,000
02	11 to 100	07	10,001 to 50,000
03	101 to 500	08	50,001 to 100,000
04	501 to 1,000	09	100,001 to 500,000
05	1,001 to 5,000	10	500,001 to 1 million +

UNITS OF MEASURE (Enter in Item 5)

C = Cubic Feet
P = Pounds
G = Gallons



RECEIVED FEB 17 1989

Northland Industries
872-8130

98 EAST MAIN
4 Th. floor

MASTER LICENSE NO.

Application For Heating Permit

PERMIT # 790

DEPARTMENT OF BUILDING AND INSPECTIONS

CITY OF ROCKVILLE

APPLICATIONS MUST BE PRINTED OR TYPED. BEGIN WITH NUMBER ONE BELOW

1. LOCATION OF JOB

98 East Main

NO. STREET

FLOOR APT. NO.

2. OWNER Alb. Mfg. Co

3. ADDRESS 98 East Main

4. APPLICANT Geo. Maichak

5. ADDRESS

6. ESTIMATED COST $ 1,020

7. IS THIS A CONTRACT COST? ☐ YES ☑ NO

8. FEE ENCLOSED $ 4.00

9. TYPE OF BUILDING:

☐ RESIDENTIAL ☑ COMMERCIAL

10. TYPE OF JOB:

☑ ORIGINAL INSTALLATION ☐ ALTERATION ADDITION REPAIR

DEPARTMENT DECISION

APPLICATION IS HEREBY:

☑ APPROVED ☐ DISAPPROVED

July 11, 1962 DATE

CHIEF INSPECTOR

FEE SCHEDULE

WORK OTHER THAN SIGNS:

ESTIMATED COST			FEE
$1.00	—	50.00	$2.00
51.00	—	500.00	3.00
501.00	—	1,000.00	4.00

$4.00 per additional thousand or fraction thereof

Building Inspector may demand affadavit of actual cost.

ELECTRICAL INTERIOR SIGNS:

FLAT FEE OF $3 PER INSTALLATION

ACTUAL COST $_____ FEE $_____

ESTIMATED COST $_____ FEE $_____

FILE COMP. BY_____ BALANCE $_____

APPLICATION FOR HEATING PERMIT (Continued from Reverse Side)

11. LOCATION OF JOB 98 (NO.) East Main St. (STREET) (FLOOR) (APT. NO.)

12. TYPE OF INSTALLATION: ☐ OIL BURNER ☐ HEATING SYSTEM ☐ VENTILATION ☐ SPRINKLER ☐ GAS BURNER ☐ STACK ☐ INCINERATOR ☐ MISCELLANEOUS (IDENTIFY)

13. DUPLICATE PLANS BY: (NAME) (ADDRESS)

14. DESCRIPTION OF EQUIPMENT:

15. MANUFACTURER'S CATALOG DATA, RATING, ETC.,

16. DESCRIPTION OF WORK TO BE DONE: Install 3 - 1,000 gal Tank

17. HEAT LOSS SCHEDULE, (TO BE INCLUDED FOR ALL JOBS):

ROOMS	L'GTH	WIDTH	H'GHT	EXPOSED WALL	GLASS	CUBIC CONTENTS	TOTAL IN CU. FT. AIR TO BE HEATED	RADIATION	
								SQ. FEET	STYLE

18. ELECTRICAL WORK BY: (NAME) (ADDRESS)

19. SUBCONTRACTORS AND THEIR TRADES

IMPORTANT! AFTER COMPLETING ITEMS 1-19, SIGN BELOW, AND MAKE CHECK PAYABLE TO CITY OF ROCKVILLE COVERING PROPER AMOUNT OF FEE. (SEE FEE SCHEDULE ON REVERSE.) MAIL CHECK AND APPLICATION TO DEPARTMENT OF BUILDING AND INSPECTIONS, 14 PARK PLACE, ROCKVILLE, CONNECTICUT.

ALL WORK COVERED BY THIS APPLICATION HAS BEEN AUTHORIZED BY THE OWNER OF THIS PROPERTY AND WILL BE DONE IN STRICT ACCORDANCE WITH THE BUILDING CODE.

July 11, 1962 (DATE) George Maichuk (SIGNATURE OF APPLICANT)

I hereby give permission for the Albi Mfg. Co. of East Main St. to install three 1,000 gal. tanks to hold solvence. Three windows to be locked Tanks to be covered with sand and cement top.

John L. Schwarz

Mac

HEATING	NO. OF UNITS
HOT WATER GRAVITY	
HOT WATER FORCED	
HOT AIR GRAVITY	
HOT AIR FORCED 1 - DUCT	
HOT AIR FORCED 2 - DUCT	
SUSPENDED GAS BURNING UNITS	
HEATING BLOWERS	
AIR CONDITIONING	
NO. OF HORSEPOWER	
ELECTRIC	
BURNERS ATT'D OR BUILT IN	
NO. OF OIL BURNERS	
NO. OF GAS BURNERS	
PLUMBING	
NO. OF TOILETS	
NO. OF BATHTUBS	
NO. OF LAVATORIES	
NO. OF SHOWER STALLS, TILED	
NO. OF SHOWER STALLS, METAL	
NO. OF COMBINATION SINK AND TRAY	
NO. OF KITCHEN SINKS	
NO. OF URINALS	
NO. OF URINAL TROUGHS	
NO. OF INDUST. WASH SINKS	
NO. OF AUTOMATIC WASH. MACH.	
NO. OF AUTOMATIC DISH WASH.	
NO. OF DOMESTIC H. W. HEATERS	
SPRINKLERS	
WET SYSTEM / DRY SYSTEM	
NO. OF SPRINKLER HEADS.	

DEPARTMENT DECISION

APPLICATION IS HEREBY

✓ Approved ____ Disapproved

11/17/21 (Date) L.M.M. (Inspector)

FEE SCHEDULE

FEE	ESTIMATED COST
$2.00	$1 - $50
$3.00	$51 - $500
$4.00	$501 - $1000
$4.00	PER ADDITIONAL THOUSAND OR FRACTION THEREOF

BUILDING INSPECTOR MAY DEMAND AFFIDAVIT OF ACTUAL COST

ACTUAL COST ____ FEE ____

ESTIMATED COST 4000.00 FEE 16.00 (20th) 10.00

COST DIFFERENCE ____ ADDTL. FEE ____

PERMIT NO. 10279

THIS PERMIT EXPIRES ____

PERMIT NO. 10279

APPLICATION FOR BUILDING PERMIT

BUILDING DEPARTMENT

Town of Vernon, Connecticut

Application must be printed or typed

1. Location of Job GI (ZONE)
   98 East Main St (NO. / STREET)
   FLOOR ____ APARTMENT NO. ____
2. Owner BB Realty Corp.
3. Address 98 East Main St.
   Telephone 875-3385
4. Applicant or Builder Hyatt Inc.
5. Address 170 West Main St
   Rockville Conn
   Telephone 8755383
6. Fee Covers
   ___Plumbing ___Heating ___Electrical
7. Type of Job
   ___Alteration ___Originial Construction
   X Addition ___Demolition
   ___Repair
8. Type of Building
   ___Commerical ___Residential
   X Miscellaneous

APPLICATION FOR BUILDING PERMIT

(CONTINUED FROM THE OTHER SIDE)

9. Size of building 16x20 (No. of stories) Height _____ Depth _____ Front _____

10. Material of footing _____ Depth below grade _____ Width _____ Thickness _____

11. Material of foundation _____ Below Grade (Depth) _____ (Thickness) _____
Above Grade (Height) _____ (Thickness) _____

12. Material of chimney _____ Foundation _____ Height _____ Width _____ Depth _____

13. No. of flues _____ Size _____ Thickness of lining _____ City Sewer _____ Septic Tank _____

14. **MASONRY CONSTRUCTION**

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
BASEMENT					
1ST STORY					
2ND STORY					

15. **WOOD CONSTRUCTION**

	JOISTS				GIRDERS			COLUMNS OR PIERS			
FLOORS	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1ST											
2ND											

16. Size of sill _____ Size of outside studs _____ Distance on centers _____

17. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____

18. Size of plate _____ Size of headers _____ Will firestops be provided? _____

19. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____

20. Species and grade of framing _____

Type and grade of sheathing 8" reinf conc. & steel

21. Further Details Construct Concrete Tank Support platform adjacent to building & Elevator shaft. to Support tanks for Solvent presently in mill building to improve Safety standards. Per attch schedule.

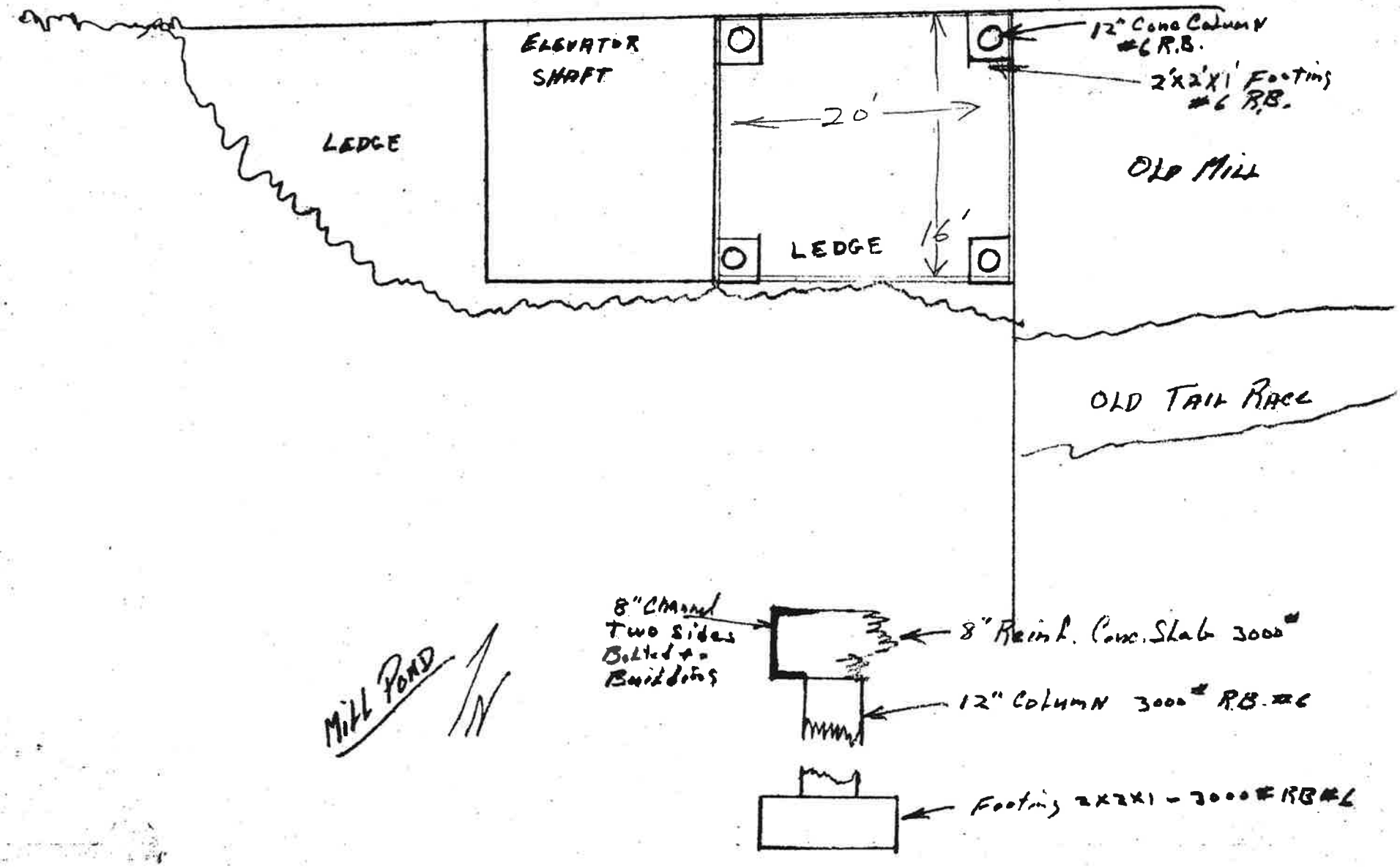
22. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to approved plans and all local codes and regulations. Notice must be given Building Department when job is ready for inspection and when job is completed.

11-12-71
DATE

Appliance Inc. F A [illegible]
APPLICANT

ALLI Manu. Co.
SOLVENT TANK
SUPPORT PLATFORM

BIRCH HILL
EAST MAIN ST.



No.	HEATING	No. of Units
30	HOT WATER GRAVITY	
	HOT WATER FORCED	
	STEAM	
	HIGH PRESSURE STEAM	
	NO. OF HORSEPOWER	
	HOT AIR GRAVITY	
	HOT AIR FORCED 1-DUCT	
	HOT AIR FORCED 2-DUCTS	
	SUSPENDED GAS BURNING UNITS	
	HEATING BLOWERS	
	AIR CONDITIONING	
	NO. OF HORSEPOWER	
31	**BURNERS ATT'D OR BUILT-IN**	
	NO. OF OIL BURNERS	
	NO. OF GAS BURNERS	
	AUTOMATIC STOKERS	
32	**PLUMBING**	
	NO. OF TOILETS	
	NO. OF BATHTUBS	
	NO. OF LAVATORIES	
	NO. OF SHOWER STALLS, TILED	
	NO. OF SHOWER STALLS, METAL	
	NO. OF COMBINATION SINK AND TRAY	
	NO. OF KITCHEN SINKS	
	NO. OF SERVICE SINKS	
	NO. OF URINALS	
	NO. OF URINAL TROUGHS	
	NO. OF INDUST. WASH SINKS	
	NO. OF AUTOMATIC WASH. MASH.	
	NO. OF AUTOMATIC DISH WASH.	
	NO. OF DOMESTIC H.W. HEATERS	
	CAPACITY OF H.W. HEATERS	
	NO. OF DRINKING FOUNTAINS	
33	**SPRINKLERS**	
	WET SYSTEM | DRY SYSTEM	
	NO. OF SPRINKLER HEADS	

DEPARTMENT DECISION

Application is hereby

☐ Approved ☐ Disapproved

10/31/69 Date — Inspector

FEE SCHEDULE

Fee	Estimated Cost
$2.00	$1 - 50
$3.00	51 - 500
$4.00	$501 - 1000
$4.00 Per additional thousand or fraction thereof.	

Building Inspector may demand affidavit of actual cost.

Actual Cost _____ Fee _____

Estimated Cost $5000.00 Fee 20.00

Additional

Cost Difference _____ Fee _____

PERMIT NO. 8682

This permit expires _____

APPLICATION FOR BUILDING PERMIT

BUILDING DEPARTMENT
Town of Vernon, Conn.

Application must be printed or typed

1. Location of Job _____ ZONE

98 No. — East Main St Street

Floor — Apartment No.

2. Owner Olli Mfg Co

3. Address _____ No. Street

Town or City — State

4. Applicant Appliance Inc

5. Address 170 West Main No. Street

Rockville Conn Town or City — State

6. Architect _____

7. Address _____ No. Street

Town or City — State

8. Builder Appliance Inc

9. Address 170 West Main St No. Street

Rockville Conn Town or City — State

10. Fee covers ☐ Certificate of occ.
☒ Plumbing ☐ Heating ☒ Electrical

11. Type of Job ☐ Original Construction
☒ Alteration ☐ Addition ☐ Demolition ☒ Repair

12. Type of Building ☐ Residential
☐ Commercial ☒ Miscellaneous
Industrial
No. of families

13. Distance from street line _____

14. Distance from lot line _____

15. Size of building _____ No. of Stories

Height — Depth — Front

16. Material of footing _____

Depth below grade — Width — Thickness

17. Material of foundation _____

Below grade _____ Depth _____ Thickness

Above grade _____ Height _____ Thickness

18. Material of chimney _____

Foundation _____ Height _____

Width _____ Depth _____

19. No. of flues _____ Size _____

Thickness of lining _____

☐ City Sewer ☐ Septic Tank

APPLICATION FOR BUILDING PERMIT

(Cont'd from other side)

MASONRY CONSTRUCTION

21. _____

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
Basement					
1st story					
2nd "					
3rd "					
4th "					
5th "					

WOOD CONSTRUCTION

22. _____

FLOORS	JOISTS				GIRDERS			COLUMNS OR PIERS			
	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1st											
2nd											
3rd											
4th											
5th											

23. Size of sill _____ Size of outside studs _____ Distance on centers _____

24. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____

25. Size of plate _____ Size of headers _____ Will firestops be provided? _____

26. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____

27. Species and grade of framing _____

Type and grade of sheathing _____

28. Further Details Replace Roof on Loading Dock
Replace underground tank leaking with 4000 gal. tank. Relocate transformers from pad to pole add 10'x48' to existing loading dock. Relocate Electric Service attachment.

29. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to approved plans and all local codes and regulations.

12-27-69
DATE

Appliance Inc.
APPLICANT

FUSS & O'NEILL

Appendix C

Environmental Database Search
Environmental Data Resources, Inc. (EDR)

Daniels Mill
98 East Main Street
Vernon Rockville, CT 06066

Inquiry Number: 4101333.2s
October 14, 2014

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	200
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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

98 EAST MAIN STREET
VERNON ROCKVILLE, CT 06066

COORDINATES

Latitude (North):	41.8679000 - 41° 52' 4.44"
Longitude (West):	72.4433000 - 72° 26' 35.88"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	712190.8
UTM Y (Meters):	4638057.0
Elevation:	478 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41072-G4 ROCKVILLE, CT
Most Recent Revision:	1984
North Map:	41072-H4 ELLINGTON, CT
Most Recent Revision:	1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120706
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
98 EAST MAIN ST. 98 EAST MAIN ST. VERNON, CT	CT SPILLS	N/A

EXECUTIVE SUMMARY

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

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

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
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

CT SWF/LF ..... List of Landfills/Transfer Stations

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

CT AST ..... Marine Terminals and Tank Information
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

CT ENG CONTROLS ..... Engineering Controls Listing
CT AUL ..... ELUR Sites

State and tribal voluntary cleanup sites

CT VCP ..... Voluntary Remediation Sites
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CT BROWNFIELDS ..... Brownfields Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
CT CDL ..... Clandestine Drug Lab Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
CT LIENS ..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US 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
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
CT Financial Assurance	Financial Assurance Information Listing
CT SEH	List of Significant Environmental Hazards Report to DEEP
LEAD SMELTERS	Lead Smelter Sites
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE	Steam-Electric Plant Operation Data
EPA WATCH LIST	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CT RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
CT RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 06/10/2014 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANO COIL CORP	*60 E MAIN ST*	*W 0 - 1/8 (0.073 mi.)*	*D31*	*130*

State- and tribal - equivalent CERCLIS

CT 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 Protection's Inventory of Hazardous Disposal Sites.

A review of the CT SHWS list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 CT SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
N. E. WOODCRAFTING CO.	*1135 HARTFORD TURNPIKE*	*S 1/2 - 1 (0.913 mi.)*	*58*	*195*

CT SDADB: Site Discovery and Assessment Database.

A review of the CT SDADB list, as provided by EDR, and dated 04/23/2010 has revealed that there are 4 CT SDADB sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
APOLLO PACKAGING	*20 MOUNTIAN ST*	*N 1/8 - 1/4 (0.198 mi.)*	*50*	*173*

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANO-COIL CORPORATION	*60 EAST MAIN STREET*	*W 0 - 1/8 (0.073 mi.)*	*D34*	*139*
TRES BON DRIVE IN CLEANERS	20 EAST MAIN STREET	W 1/8 - 1/4 (0.194 mi.)	F48	171
SNET	*33 (35) ELM STREET*	*W 1/4 - 1/2 (0.331 mi.)*	*53*	*179*

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

CT 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 Protection's Leaking Underground Storage Tank List.

A review of the CT LUST list, as provided by EDR, and dated 09/09/2014 has revealed that there are 5 CT LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER DRAKE SUNOCO	***RTE. 74 & RTE. 31***	***ESE 0 - 1/8 (0.075 mi.)***	***C38***	***155***
RUTH HOLLMAN	***26 PLEASANT ST.***	***E 0 - 1/8 (0.103 mi.)***	***E43***	***163***
GUNTER REICHL	***168 EAST MAIN STREET***	***E 1/4 - 1/2 (0.338 mi.)***	***54***	***182***
BURTON PHELPS	***1 UPPER BUTCHER RD.***	***NE 1/4 - 1/2 (0.457 mi.)***	***G56***	***190***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GRACE BIBLE BAPTIST CHURCH	***85 PROSPECT ST.***	***WNW 1/4 - 1/2 (0.404 mi.)***	***55***	***186***

State and tribal registered storage tank lists

CT 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 Protection's "Town Inventory" UST Listing.

A review of the CT UST list, as provided by EDR, and dated 06/03/2014 has revealed that there are 5 CT UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERBELLE TEXTILES, LLC	104 E MAIN ST	ESE 0 - 1/8 (0.032 mi.)	B10	71
GROVE ST	1 GROVE ST	ESE 0 - 1/8 (0.075 mi.)	C39	158
PAUL ST GERMAIN	122 E MAIN ST	ESE 1/8 - 1/4 (0.150 mi.)	47	170
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ANOCOIL CORPORATION	60 E MAIN ST	W 0 - 1/8 (0.073 mi.)	D36	153
TALCOTTVILLE SCHOOL	MAIN ST	WNW 1/8 - 1/4 (0.239 mi.)	52	178

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/01/2014 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMBERBELLE TEXTILES-DYE AND TR	104 EAST MAIN STREET AN	ESE 0 - 1/8 (0.032 mi.)	B8	49

Records of Emergency Release Reports

The Oil & Chemical Spill Database from the Department of Environmental Protection

A review of the CT SPILLS list, as provided by EDR, and dated 07/30/2014 has revealed that there are 27 CT SPILLS sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	BROOKLYN STREET AMERBE	ESE 0 - 1/8 (0.030 mi.)	B4	11
Not reported	104 EAST MAIN STREET	ESE 0 - 1/8 (0.032 mi.)	B7	44
Not reported	104 EAST MAIN ST	ESE 0 - 1/8 (0.032 mi.)	B11	72
Not reported	104 EAST MAIN ST.	ESE 0 - 1/8 (0.033 mi.)	B13	77
AMERBELLE TEXTILES LLC	***104 EAST MAIN ST***	***ESE 0 - 1/8 (0.033 mi.)***	***B14***	***79***
Not reported	104 EAST MAIN ST	ESE 0 - 1/8 (0.033 mi.)	B15	85
Not reported	104 EAST MAIN ST	ESE 0 - 1/8 (0.033 mi.)	B16	86
Not reported	104 EAST MAIN ST	ESE 0 - 1/8 (0.033 mi.)	B17	88
Not reported	MAIN/BROOKLYN ST.	ESE 0 - 1/8 (0.057 mi.)	C18	90
Not reported	EAST MAIN ST & GROVE ST	ESE 0 - 1/8 (0.065 mi.)	C20	93
Not reported	BROOKLYN STREET AND ROU	ESE 0 - 1/8 (0.065 mi.)	C21	94
Not reported	RT 31 AND RT 74	ESE 0 - 1/8 (0.065 mi.)	C22	95
Not reported	EAST MAIN STREET AT GRO	E 0 - 1/8 (0.073 mi.)	C29	110
Not reported	15 PROSPECT STREET	NNW 0 - 1/8 (0.080 mi.)	40	159
Not reported	29 PLEASANT ST	E 0 - 1/8 (0.112 mi.)	E45	167
Not reported	19 GROVE ST	SSE 0 - 1/8 (0.124 mi.)	46	169

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	EAST MAIN & PROSPECT ST	NNW 0 - 1/8 (0.015 mi.)	A2	9
Not reported	93 EAST MAIN ST	NNW 0 - 1/8 (0.018 mi.)	A3	10
Not reported	ROCKVILLE - 60 EAST MAI	W 0 - 1/8 (0.070 mi.)	D23	96
ANOCOIL CORPORATION	***60 EAST MAIN ST***	***W 0 - 1/8 (0.071 mi.)***	***D24***	***97***
Not reported	60 EAST MAIN ST	W 0 - 1/8 (0.071 mi.)	D25	100
ANO-COIL CORPORATION	***60 EAST MAIN STREET***	***W 0 - 1/8 (0.071 mi.)***	***D26***	***102***
Not reported	60 E MAIN ST	W 0 - 1/8 (0.071 mi.)	D27	106
Not reported	60 EAST MAIN ST	W 0 - 1/8 (0.071 mi.)	D28	108
Not reported	10 COTTAGE STREET	WNW 0 - 1/8 (0.082 mi.)	41	160
Not reported	BROOKLYN ST, BETWEEN CH	SSW 0 - 1/8 (0.087 mi.)	42	162
Not reported	29 BROOKLYN AVENUE	SW 0 - 1/8 (0.103 mi.)	44	166

Other Ascertainable Records

RCRA NonGen / NLR: 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 / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that

there is 1 RCRA NonGen / NLR site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERBELLE TEXTILES	***104 E MAIN ST***	***ESE 0 - 1/8 (0.032 mi.)***	***B9***	***57***

CT LWDS: The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP.

A review of the CT LWDS list, as provided by EDR, and dated 07/17/2009 has revealed that there is 1 CT LWDS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANO COIL	60 EAST MAIN STREET	W 0 - 1/8 (0.073 mi.)	D33	139

CT MANIFEST: Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

A review of the CT MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there are 5 CT MANIFEST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERBELLE TEXTILES LLC	104 E MAIN ST	ESE 0 - 1/8 (0.032 mi.)	B5	12
AMERBELLEORP	***104 E MAIN ST***	***ESE 0 - 1/8 (0.032 mi.)***	***B6***	***22***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
MAQ096092	***60 E MAIN ST***	***W 0 - 1/8 (0.073 mi.)***	***D30***	***111***
ANO COIL	60 E MAIN ST CALL	W 0 - 1/8 (0.073 mi.)	D32	137
ANCO COIL CORP	60 EAST MAIN ST	W 0 - 1/8 (0.073 mi.)	D35	141

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there are 2 NY MANIFEST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERBELLE TEXTILES	104 E MAIN ST	ESE 0 - 1/8 (0.032 mi.)	B12	75
EMERGENCY RESPONSE CGS-22A-451	112 E MAIN ST	ESE 0 - 1/8 (0.059 mi.)	C19	91

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 07/30/2013 has revealed that there are 2 RI MANIFEST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERBELLE TEXTILES	***104 E MAIN ST***	***ESE 0 - 1/8 (0.032 mi.)***	***B9***	***57***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ANO COIL CORP	***60 E MAIN ST***	***W 0 - 1/8 (0.073 mi.)***	***D31***	***130***

CT DRYCLEANERS: A listing of drycleaner facility locations.

A review of the CT DRYCLEANERS list, as provided by EDR, and dated 07/18/2008 has revealed that there is 1 CT DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRES-BON DRIVE-IN CLEANERS	20 E MAIN ST	W 1/8 - 1/4 (0.194 mi.)	F49	172

CT CPCS: A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

A review of the CT CPCS list, as provided by EDR, and dated 01/30/2014 has revealed that there are 7 CT CPCS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER DRAKE SUNOCO	***RTE. 74 & RTE. 31***	***ESE 0 - 1/8 (0.075 mi.)***	***C38***	***155***
RUTH HOLLMAN	***26 PLEASANT ST.***	***E 0 - 1/8 (0.103 mi.)***	***E43***	***163***
APOLLO PACKAGING	***20 MOUNTIAN ST***	***N 1/8 - 1/4 (0.198 mi.)***	***50***	***173***
GUNTER REICHL	***168 EAST MAIN STREET***	***E 1/4 - 1/2 (0.338 mi.)***	***54***	***182***
BURTON PHELPS	1 UPPER BUTCHER RD.	NE 1/4 - 1/2 (0.457 mi.)	G57	195

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANO-COIL CORPORATION	***60 EAST MAIN STREET***	***W 0 - 1/8 (0.073 mi.)***	***D34***	***139***
GRACE BIBLE BAPTIST CHURCH	***85 PROSPECT ST.***	***WNW 1/4 - 1/2 (0.404 mi.)***	***55***	***186***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	114 E MAIN ST	ESE 0 - 1/8 (0.073 mi.)	C37	154

EXECUTIVE SUMMARY

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	114 BROOKLYN ST	WSW 1/8 - 1/4 (0.209 mi.)	51	178

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 29 records.

Site Name	Database(s)
REFUSE GARDENS	CT CPCS
ELLINGTON SUNOCO	CT LUST, CT CPCS
ELLINGTON AGWAY	CT LUST, CT SPILLS, CT CPCS
TOLLAND GETTY	CT LUST, CT CPCS
GEORGETOWN COMMONS APTS.	CT LUST, CT CPCS
GEORGETOWN COMMONS	CT LUST, CT CPCS
KENT CLEANERS	CT MANIFEST
ELLINGTON AIRPARK	CT MANIFEST
TRANSTEK INC	CT MANIFEST
MANCHESTER PLYMOUTH INC	CT MANIFEST
CT STATE OF DOT	CT MANIFEST
PHILLIPS CHEVEROW	CT MANIFEST
STANDARD REGISTER	CT MANIFEST
BURROUGHS CORP	CT MANIFEST
BILLS AUTO PARTS	CT MANIFEST
TIMBERLINE SPORT SHOP	CT MANIFEST
VERNON TOWN OF DPW (TOWN GARAGE)	CT MANIFEST
CONNECTICUT LIGHT & POWER CO	CT MANIFEST
CT STATE OF DOT	CT MANIFEST
SAMUEL LTD	CT MANIFEST
CLYDE CHEVROLET	CT MANIFEST
CLYDE BODY SHOP	CT MANIFEST
MOBIL GAS STATION	CT MANIFEST
CLYDE CHEVROLET BUICK, INC.	CT LUST
MANCHESTER CHRYSLER PLYMOUTH INC	RCRA NonGen / NLR
LIPMAN VOLKSWAGEN INC	RCRA NonGen / NLR
BILLS AUTO PARTS	RCRA-CESQG
BECKER CONSTRUCTION CO.	US MINES
CORBIN-GENTRY INC.	CT SDADB

OVERVIEW MAP - 4101333.2S

0 1/4 1/2 1 Miles

★ 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 from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Daniels Mill	CLIENT:	Fuss & ONeill Consulting Eng.
ADDRESS:	98 East Main Street Vernon Rockville CT 06066	CONTACT:	Stefanie Wierszchalek
		INQUIRY #:	4101333.2s
LAT/LONG:	41.8679 / 72.4433	DATE:	October 14, 2014 9:33 am

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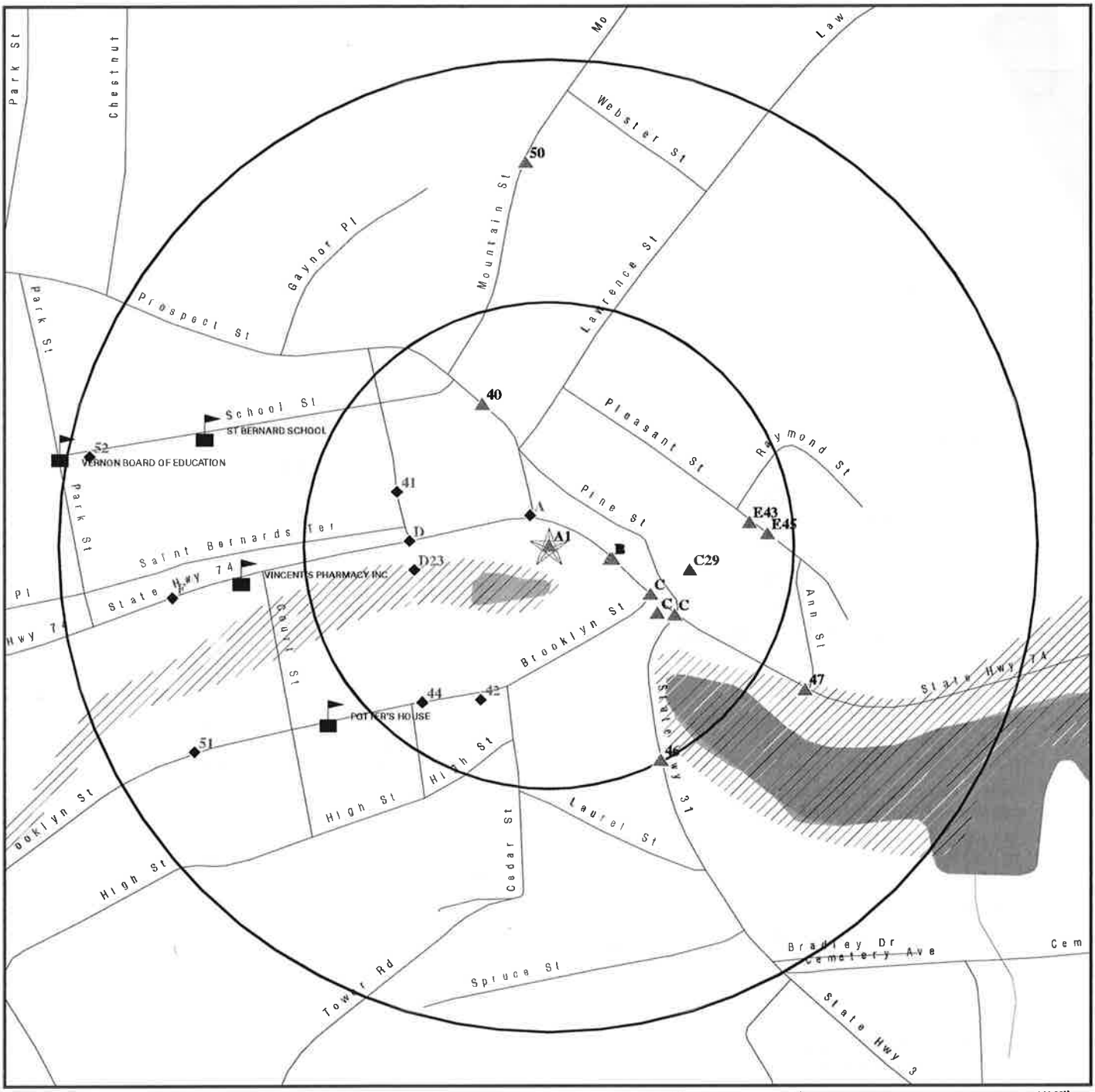
DETAIL MAP - 4101333.2S



★ 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 from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

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LAT/LONG:	41.8679 / 72.4433	DATE:	October 14, 2014 9:33 am

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MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CT AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
CT ENG CONTROLS	0.500		0	0	0	NR	NR	0
CT AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
CT VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CT BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		1	0	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
CT SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
CT CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
CT LIENS	TP		NR	NR	NR	NR	NR	0
CT PROPERTY	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CT SPILLS	0.125	1	27	NR	NR	NR	NR	28
Other Ascertainable Records								
RCRA NonGen / NLR	0.125		1	NR	NR	NR	NR	1
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	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
US 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
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
RMP	TP		NR	NR	NR	NR	NR	0
CT LWDS	0.250		1	0	NR	NR	NR	1
CT MANIFEST	0.125		5	NR	NR	NR	NR	5
NY MANIFEST	0.125		2	NR	NR	NR	NR	2
RI MANIFEST	0.125		2	NR	NR	NR	NR	2
CT DRYCLEANERS	0.250		0	1	NR	NR	NR	1
CT ENF	TP		NR	NR	NR	NR	NR	0
CT NPDES	TP		NR	NR	NR	NR	NR	0
CT AIRS	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
CT Financial Assurance	TP		NR	NR	NR	NR	NR	0
CT CPCS	0.500		3	1	3	NR	NR	7
CT SEH	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		1	0	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CT RGA HWS	1.000		0	0	0	0	NR	0
CT RGA LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property **98 EAST MAIN ST.**
VERNON, CT

Site 1 of 3 in cluster A

Actual: 478 ft.

CT SPILLS **S105440381**
N/A

SPILLS:

Year of Database:	1998
Case Number:	9803063
Who Took Spill:	933
Assigned To:	902
Report Date:	05/19/1998
Report Time:	07:51:13
Date Release:	05/19/1998
Time Responded:	Not reported
Reported By:	TOLLAND BASE
Phone:	860 8752543
Representing:	ROCKVILLE FIRE
Terminated:	NO
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	GLUE
Qty:	110 (Gallons)
Emergency Measure:	two drums leaking
Water Body:	Not reported
Discharger:	UNKNOWN TRUCKING CO. AT THIS TIME
Telephone:	Not reported
Responsible Party:	NO
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2011-04-18 07:51:15
Sr Inspector:	SANTACROCE, JIM
At Inspctor:	BURTON, DON
User Stamp:	dslivins
Comments:	Not reported
Action:	Contracted
Other Action:	Not reported
Agency ID:	Local Fire Marshal
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Other
Other Cause:	UNKNOWN
Media ID:	Ground Surface
Other Media:	Not reported
Release Type:	chemical
Other Release:	Not reported

A2
NNW
< 1/8
0.015 mi.
78 ft.

Relative:
Lower

Actual:
475 ft.

CT SPILLS **S109377498**
N/A

EAST MAIN & PROSPECT STREET
VERNON, CT

Site 2 of 3 in cluster A

SPILLS:

Year of Database:	2008
Case Number:	200807351
Who Took Spill:	205
Assigned To:	0
Report Date:	11/20/2008
Report Time:	08:55:54
Date Release:	11/20/2008
Time Responded:	Not reported
Reported By:	dispatch
Phone:	860 8752543
Representing:	vfd
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	ANTIFREEZE
Qty:	1 (Gallons)
Emergency Measure:	Not reported
Water Body:	n/a
Discharger:	unknown
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2008-11-21 13:05:15
Sr Inspector:	Cox, Michael
At Inspctor:	**NO RESPONSE
User Stamp:	cguzman
Comments:	Not reported
Action:	Other
Other Action:	speedy-dry
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	MV Accident
Other Cause:	Not reported
Media ID:	Other
Other Media:	roadway
Class ID:	Transportation
Other Class:	Not reported
Class ID:	Private
Other Class:	Not reported
Release Type:	chemical
Other Release:	Not reported

(Continued) **S109377498**

Waterbody: Other
Other Wtrbody: none

A3
NNW
< 1/8
0.018 mi.
97 ft.

93 EAST MAIN ST
VERNON, CT

Site 3 of 3 in cluster A

CT SPILLS **S112805455**
N/A

Relative:
Lower

Actual:
473 ft.

SPILLS:

Year of Database:	2012
Case Number:	201206729
Who Took Spill:	212
Assigned To:	0
Report Date:	11/16/2012
Report Time:	16:10:45
Date Release:	11/16/2012
Time Responded:	Not reported
Reported By:	119
Phone:	860 8752543
Representing:	TN
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	ANTIFREEZE
Qty:	3 (Gallons)
Emergency Measure:	speedy-Dry
Water Body:	NONE
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2012-11-19 11:45:51
Sr Inspector:	JOHNSTON, ALEXANDER
At Inspctor:	**NO RESPONSE
User Stamp:	GuzmanCa
Comments:	Not reported
Action:	Sanded
Other Action:	Not reported
Agency ID:	Local Police
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	MV Accident
Other Cause:	Not reported

(Continued) **S112805455**

Media ID: Ground Surface
Other Media: Not reported
Class ID: Private
Other Class: Not reported
Release Type: chemical
Other Release: Not reported

B4 **CT SPILLS** **S103154769**
ESE **BROOKLYN STREET AMERBELLE CORP.** **N/A**
< 1/8 **VERNON, CT**
0.030 mi.
161 ft. **Site 1 of 14 in cluster B**

Relative: SPILLS:
Higher
Year of Database: 1996
Case Number: 9603740
Actual: Who Took Spill: 204
494 ft. Assigned To: 932
Report Date: 07/19/1996
Report Time: 21:18:00
Date Release: 07/19/1996
Time Responded: 21:01:00
Reported By: #5
Phone: 860 8752543
Representing: tolland city dispatch cell 559-2509 chief robert kelly
Terminated: Not reported
Recovd (Total): 0
Total (Water): 0
Facility Status: CLOSED
Continuous Spill: False
Released Substance: UNKNOWN
Qty: 55 (Gallons)
Emergency Measure: chemical blankets in place
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 1996-12-14 11:14:26
Sr Inspector: CRISTINA LAMBERT
At Inspctor: DeCaprio, Mark
User Stamp: Not reported
Comments: Not reported
Action: Other
Other Action: chemical blankets
Media ID: Ground Surface
Other Media: Not reported
Class ID: Industrial
Other Class: Not reported
Release Type: chemical
Other Release: Not reported

B5
ESE
< 1/8
0.032 mi.
169 ft.

AMERBELLE TEXTILES LLC
104 E MAIN ST
VERNON, CT 06066

Site 2 of 14 in cluster B

CT MANIFEST **S109722902**
N/A

Relative:
Higher

Actual:
496 ft.

CT MANIFEST:

Waste:

Manifest No:	003579783fle
Year:	2011
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	23
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2011-04-19 00:00:00
DEO Who Last Modified Record:	DPW

Waste CD:

Manifest No:	003579783fle
Year:	2011
Waste Occurence:	1
EPA Waste Code:	D039
Recycled Waste?:	False
Date Record Was Last Modified:	2011-04-19 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2011
Manifest ID:	003579783fle
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	02/15/2011
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	8609790070
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	02/15/2011
Date Received:	02/15/2011
Last modified date:	04/19/2011
Last modified by:	DPW
Comments:	Not reported

Waste:

Manifest No:	003651416fle
Year:	2010
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	23
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2011-01-11 00:00:00
DEO Who Last Modified Record:	DPW

Waste CD:

Manifest No:	003651416fle
Year:	2010
Waste Occurence:	1
EPA Waste Code:	D039
Recycled Waste?:	False
Date Record Was Last Modified:	2011-01-11 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2010
Manifest ID:	003651416fle
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/22/2010
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
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

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Trans 2 Phone:	Not reported
EPA ID:	CTD001139898
Generator Phone:	8609790070
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	10/22/2010
Date Received:	10/22/2010
Last modified date:	01/11/2011
Last modified by:	DPW
Comments:	Not reported

Waste:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Detail:

Year:	2009
Manifest ID:	002124301SKS
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	09/29/2009
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported

AMERBELLE TEXTILES LLC (Continued) **S109722902**

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:	CTD001139898
Generator Phone:	8609790070
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	09/29/2009
Date Received:	09/29/2009
Last modified date:	11/04/2009
Last modified by:	DPW
Comments:	Not reported

Waste:

Manifest No:	001400594SKS
Year:	2008
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	23
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2008-10-17 00:00:00
DEO Who Last Modified Record:	DPW

Waste CD:

Manifest No:	001400594SKS
Year:	2008
Waste Occurence:	1
EPA Waste Code:	D039
Recycled Waste?:	False
Date Record Was Last Modified:	2008-10-17 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2008
Manifest ID:	001400594SKS
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA

AMERBELLE TEXTILES LLC (Continued) **S109722902**

TSDF Telephone:	Not reported
Transport Date:	09/04/2008
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	8609790070
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	09/04/2008
Date Received:	09/05/2008
Last modified date:	05/29/2012
Last modified by:	AN
Comments:	Not reported

Waste:

Manifest No:	000018640UIS
Year:	2007
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	FLAMMABLE LIQUIDS, N.O.S.
No of Containers:	5
Container Type:	DM
Quantity:	1864
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2009-02-18 00:00:00
DEO Who Last Modified Record:	GH

Waste CD:

Manifest No:	000018640UIS
Year:	2007
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2009-02-18 00:00:00
DEO Who Last Modified Record:	GH

Manifest No:	000018640UIS
Year:	2007

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Waste Occurence: 1
EPA Waste Code: D035
Recycled Waste?: False
Date Record Was Last Modified: 2009-02-18 00:00:00
DEO Who Last Modified Record: GH

Manifest No: 000018640UIS
Year: 2007
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2009-02-18 00:00:00
DEO Who Last Modified Record: GH

Detail:
Year: 2007
Manifest ID: 000018640UIS
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY INC
TSDF Address: 47 GRACEY AVE
TSDF City,St,Zip: MERIDEN, CT 06451-
TSDF Country: USA
TSDF Telephone: (203)238-6745
Transport Date: 01/16/2007
Transporter EPA ID: CTD021816889
Transporter Name: UNITED OIL RECOVERY INC
Transporter Country: USA
Transporter Phone: (203)238-6745
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: CTD001139898
Generator Phone: 8609790070
Generator Mailing Addr: PO BOX 30
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 060660030
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 01/16/2007
Date Received: Not reported
Last modified date: 03/09/2009
Last modified by: DMG
Comments: Not reported

Waste:
Manifest No: ctf1287372
Year: 2006
Waste Occurence: 1
UNNA: 1993

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Hazard Class: 3
US Dot Description: FLAMMABLE LIQUIDS, N.O.S.
No of Containers: 4
Container Type: DM
Quantity: 1435
Weight/Volume: P
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2007-08-27 00:00:00
DEO Who Last Modified Record: JEB

Manifest No: ctf1287372
Year: 2006
Waste Occurence: 2
UNNA: 1993
Hazard Class: 3
US Dot Description: FLAMMABLE LIQUIDS, N.O.S.
No of Containers: 1
Container Type: DM
Quantity: 410
Weight/Volume: P
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2007-08-27 00:00:00
DEO Who Last Modified Record: JEB

Waste CD:
Manifest No: ctf1287372
Year: 2006
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2007-08-27 00:00:00
DEO Who Last Modified Record: JEB

Manifest No: ctf1287372
Year: 2006
Waste Occurence: 2
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2007-08-27 00:00:00
DEO Who Last Modified Record: JEB

Detail:
Year: 2006
Manifest ID: ctf1287372
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY INC
TSDF Address: 136 GRACEY AVE
TSDF City,St,Zip: MERIDEN, CT 06450-
TSDF Country: USA
TSDF Telephone: (203)238-6745
Transport Date: 05/30/2006
Transporter EPA ID: CTD021816889
Transporter Name: UNITED OIL RECOVERY INC
Transporter Country: USA

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Transporter Phone:	(203)238-6745
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:	CTD001139898
Generator Phone:	8609790070
Generator Mailing Addr:	PO BOX 30
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	060660030
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	05/30/2006
Date Received:	05/30/2006
Last modified date:	09/05/2007
Last modified by:	DMG
Comments:	Not reported

Waste:

Manifest No:	ctf1260003
Year:	2005
Waste Occurence:	1
UNNA:	2924
Hazard Class:	3
US Dot Description:	FLAMMABLE LIQUIDS, CORROSIVE, N.O.S.
No of Containers:	3
Container Type:	DM
Quantity:	1070
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2006-09-13 00:00:00
DEO Who Last Modified Record:	CYF

Waste CD:

Manifest No:	ctf1260003
Year:	2005
Waste Occurence:	1
EPA Waste Code:	F003
Recycled Waste?:	False
Date Record Was Last Modified:	2006-09-13 00:00:00
DEO Who Last Modified Record:	CYF

Detail:

Year:	2005
Manifest ID:	ctf1260003
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY, INC.
TSDF Address:	136 GRACEY AVENUE
TSDF City,St,Zip:	MERIDEN, CT 06451

AMERBELLE TEXTILES LLC (Continued) **S109722902**

TSDF Country:	USA
TSDF Telephone:	(203)238-6745
Transport Date:	12/28/2005
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY, INC.
Transporter Country:	USA
Transporter Phone:	(203)238-6745
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:	CTD001139898
Generator Phone:	8608753325
Generator Mailing Addr:	PO BOX 150
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	12/28/2005
Date Received:	Not reported
Last modified date:	09/22/2006
Last modified by:	DMG
Comments:	Not reported

Waste:

Manifest No:	ctf1050500
Year:	2004
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	FLAMMABLE LIQUIDS, N.O.S.
No of Containers:	76
Container Type:	DM
Quantity:	4180
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2005-03-09 00:00:00
DEO Who Last Modified Record:	CYF

Manifest No:	ctf1050500
Year:	2004
Waste Occurence:	2
UNNA:	1897
Hazard Class:	6.1
US Dot Description:	TETRACHLOROETHYLENE (PERCHLOROETHYLENE)
No of Containers:	1
Container Type:	DM
Quantity:	55
Weight/Volume:	G
Additional Description:	Not reported

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Handling Code: Not reported
Date Record Was Last Modified: 2005-03-09 00:00:00
DEO Who Last Modified Record: CYF

Waste CD:
Manifest No: ctf1050500
Year: 2004
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2005-03-09 00:00:00
DEO Who Last Modified Record: CYF

Manifest No: ctf1050500
Year: 2004
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2005-03-09 00:00:00
DEO Who Last Modified Record: CYF

Manifest No: ctf1050500
Year: 2004
Waste Occurence: 2
EPA Waste Code: D039
Recycled Waste?: False
Date Record Was Last Modified: 2005-03-09 00:00:00
DEO Who Last Modified Record: CYF

Manifest No: ctf1050500
Year: 2004
Waste Occurence: 2
EPA Waste Code: F002
Recycled Waste?: False
Date Record Was Last Modified: 2005-03-09 00:00:00
DEO Who Last Modified Record: CYF

Detail:
Year: 2004
Manifest ID: ctf1050500
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY INC
TSDF Address: 14 WEST MAIN ST
TSDF City,St,Zip: MERIDEN, CT 06451
TSDF Country: USA
TSDF Telephone: (203)238-6745
Transport Date: 03/23/2004
Transporter EPA ID: CTD021816889
Transporter Name: UNITED OIL RECOVERY INC
Transporter Country: USA
Transporter Phone: (203)238-6745
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

AMERBELLE TEXTILES LLC (Continued) **S109722902**

Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD001139898
Generator Phone:	8608753325
Generator Mailing Addr:	PO BOX 150
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	03/23/2004
Date Received:	03/26/2004
Last modified date:	03/09/2005
Last modified by:	CYF
Comments:	Not reported

B6 **AMERBELLEORP** **CT MANIFEST S109722900**
ESE **104 E MAIN ST** **CT NPDES N/A**
< 1/8 **VERNON, CT 06066**
0.032 mi.
169 ft. **Site 3 of 14 in cluster B**

Relative:
Higher

Actual:
496 ft.

CT MANIFEST:

Waste:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	CTF1131303
Year:	2003
Waste Occurence:	1
EPA Waste Code:	F005
Recycled Waste?:	False
Date Record Was Last Modified:	2004-05-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	CTF1131303
Year:	2003
Waste Occurence:	2
EPA Waste Code:	F005
Recycled Waste?:	False
Date Record Was Last Modified:	2004-05-26 00:00:00
DEO Who Last Modified Record:	IG

AMERBELLEORP (Continued) **S109722900**

Detail:

Year:	2003
Manifest ID:	CTF1131303
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY INC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06450
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/22/2003
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	07/22/2003
Date Received:	07/22/2003
Last modified date:	05/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF1080389
Year:	2002
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	FLAMMABLE LIQUID N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	55
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	CTF1080389
Year:	2002
Waste Occurence:	2

AMERBELLEORP (Continued) **S109722900**

UNNA: 1325
Hazard Class: 4.1
US Dot Description: flammable solid, organic nos
No of Containers: 005
Container Type: DM
Quantity: 600
Weight/Volume: P
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF1080389
Year: 2002
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTF1080389
Year: 2002
Waste Occurence: 2
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 2002
Manifest ID: CTF1080389
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY INC
TSDF Address: 136 GRACEY AVE
TSDF City,St,Zip: MERIDEN, CT 06450
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 09/12/2002
Transporter EPA ID: CTD021816889
Transporter Name: UNITED OIL RECOVERY INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066

AMERBELLEORP (Continued) **S109722900**

Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: No
Date Shipped: 09/12/2002
Date Received: 09/12/2002
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTF0961834
Year: 2001
Waste Occurence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: FLAMMABLE LIQUID N.O.S.
No of Containers: 002
Container Type: DM
Quantity: 110
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTF0961834
Year: 2001
Waste Occurence: 2
UNNA: 1325
Hazard Class: 4.1
US Dot Description: flammable solid, organic nos
No of Containers: 006
Container Type: DM
Quantity: 1200
Weight/Volume: P
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF0961834
Year: 2001
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTF0961834
Year: 2001
Waste Occurence: 2
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00

AMERBELLEORP (Continued) **S109722900**

DEO Who Last Modified Record: IG

Detail:

Year:	2001
Manifest ID:	CTF0961834
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY INC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06450
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	01/03/2001
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	01/03/2001
Date Received:	01/03/2001
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0938354
Year:	2000
Waste Occurence:	1
UNNA:	3082
Hazard Class:	9
US Dot Description:	env. Hazardous substance liquid nos
No of Containers:	008
Container Type:	DM
Quantity:	440
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

AMERBELLEORP (Continued) **S109722900**

Waste CD:

Manifest No:	CTF0938354
Year:	2000
Waste Occurence:	1
EPA Waste Code:	D008
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	2000
Manifest ID:	CTF0938354
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY DBA ADV LIQ REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/13/2000
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY DBA ADV LIQ REC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	07/13/2000
Date Received:	07/17/2000
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	RIS0028655
Year:	1999
Waste Occurence:	1
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	006
Container Type:	CF
Quantity:	2500

AMERBELLEORP (Continued) **S109722900**

Weight/Volume: P
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: RIS0028655
Year: 1999
Waste Occurence: 1
EPA Waste Code: D006
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1999
Manifest ID: RIS0028655
TSDF EPA ID: RID040098352
TSDF Name: NORTHLAND ENVIRONMENTAL (STABLEX)
TSDF Address: 252 - 275 ALLENS AVE
TSDF City,St,Zip: PROVIDENCE, RI 02905
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 03/18/1999
Transporter EPA ID: RID980906986
Transporter Name: ETICAM WARWICK FACILITY
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: No
Date Shipped: 03/18/1999
Date Received: 03/18/1999
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTF0643190
Year: 1998
Waste Occurence: 1

AMERBELLEORP (Continued) **S109722900**

UNNA: 1268
Hazard Class: 3
US Dot Description: petroleum distillates nos
No of Containers: 003
Container Type: DM
Quantity: 43
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF0643190
Year: 1998
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: True
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1998
Manifest ID: CTF0643190
TSDF EPA ID: CTD021816889
TSDF Name: UNITED OIL RECOVERY DBA ADV LIQ REC
TSDF Address: 136 GRACEY AVE
TSDF City,St,Zip: MERIDEN, CT 06451
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 02/12/1998
Transporter EPA ID: CTD021816889
Transporter Name: UNITED OIL RECOVERY DBA ADVANCED LIQ REC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: No
Date Shipped: 02/12/1998
Date Received: 02/12/1998
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

AMERBELLEORP (Continued) **S109722900**

Waste:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Detail:

Year:	1997
Manifest ID:	CTF0549887
TSDF EPA ID:	Not reported
TSDF Name:	Not reported
TSDF Address:	Not reported
TSDF City,St,Zip:	Not reported
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	Not reported
Transporter EPA ID:	Not reported
Transporter Name:	Not reported
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	04/01/1997

AMERBELLEORP (Continued) **S109722900**

Date Received:	Not reported
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0537471
Year:	1996
Waste Occurence:	1
UNNA:	1268
Hazard Class:	3
US Dot Description:	petroleum distillates nos
No of Containers:	004
Container Type:	DM
Quantity:	45
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0537471
Year:	1996
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1996
Manifest ID:	CTF0537471
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY DBA ADV LIQ REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	09/05/1996
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY INC DBA ADV LIQ REC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON

AMERBELLEORP (Continued) **S109722900**

Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	09/05/1996
Date Received:	09/06/1996
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0464268
Year:	1995
Waste Occurence:	1
UNNA:	1268
Hazard Class:	3
US Dot Description:	WASTE PETROLEUM DISTILLATES NOS
No of Containers:	003
Container Type:	DM
Quantity:	43
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0464268
Year:	1995
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	True
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1995
Manifest ID:	CTF0464268
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY UIS DBA ADV LIQ REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/24/1995
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY UIS DBA ADV LIQ REC
Transporter Country:	USA
Transporter Phone:	Not reported
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

AMERBELLEORP (Continued) **S109722900**

Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	10/24/1995
Date Received:	10/24/1995
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAH4401630
Year:	1994
Waste Occurence:	1
UNNA:	1268
Hazard Class:	3
US Dot Description:	WASTE PETROLEUM DISTILLATE, NOS
No of Containers:	003
Container Type:	DM
Quantity:	47
Weight/Volume:	G
Additional Description:	Y
Handling Code:	T50
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAH4401630
Year:	1994
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	True
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1994
Manifest ID:	MAH4401630
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY UIS DBA ADV LIQ REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	11/25/1994
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY UIS DBA ADV LIQ REC
Transporter Country:	USA

AMERBELLEORP (Continued) **S109722900**

Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	11/25/1994
Date Received:	11/25/1994
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0210175
Year:	1993
Waste Occurence:	1
UNNA:	1993
Hazard Class:	COMBUSTIBL
US Dot Description:	WASTE PETROLEUM NAPHTHA LIQUID, NOS
No of Containers:	002
Container Type:	DM
Quantity:	13
Weight/Volume:	G
Additional Description:	Y
Handling Code:	S02
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0210175
Year:	1993
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	True
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1993
Manifest ID:	CTF0210175
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY KLEEN CORP 2 070 01
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06107

AMERBELLEORP (Continued) **S109722900**

TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/07/1993
Transporter EPA ID:	ILD984908202
Transporter Name:	SAFETY KLEEN CORP
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	07/07/1993
Date Received:	07/07/1993
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0136534
Year:	1992
Waste Occurence:	1
UNNA:	1993
Hazard Class:	COMBUSTIBL
US Dot Description:	WASTE LIQUID NOS, MINERAL SPIRITS
No of Containers:	001
Container Type:	DM
Quantity:	45
Weight/Volume:	P
Additional Description:	Y
Handling Code:	S02
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0136534
Year:	1992
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	True
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

AMERBELLEORP (Continued) **S109722900**

Detail:

Year:	1992
Manifest ID:	CTF0136534
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY KLEEN CORP 2-070-01
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/16/1992
Transporter EPA ID:	ILD051060408
Transporter Name:	SAFETY KLEEN CORP (TRANSP)
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD001139898
Generator Phone:	2038753325
Generator Mailing Addr:	104 E MAIN ST
Generator Mailing Town:	VERNON
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	10/16/1992
Date Received:	10/16/1992
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAF581336
Year:	1991
Waste Occurence:	1
UNNA:	1993
Hazard Class:	FLAMMABLE
US Dot Description:	WST LIQ NOS, METHYL/ETHYL/KETONE/TOLUENE
No of Containers:	004
Container Type:	DM
Quantity:	220
Weight/Volume:	G
Additional Description:	Y
Handling Code:	S01
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAF581336
Year:	1991

AMERBELLEORP (Continued) **S109722900**

Waste Occurence: 1
EPA Waste Code: D008
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1991
Manifest ID: MAF581336
TSDF EPA ID: MAD000604447
TSDF Name: LAIDLAW ENV SVS (NORTHEAST INC)
TSDF Address: 300 CANAL ST
TSDF City,St,Zip: LAWRENCE, MA 01845
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 09/04/1991
Transporter EPA ID: MAD000604447
Transporter Name: LAIDLAW ENVAL SVS (NORTHEAST INC)
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 09/04/1991
Date Received: 09/05/1991
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTC0106261
Year: 1990
Waste Occurence: 1
UNNA: 1993
Hazard Class: FLAMMABLE
US Dot Description: WASTE FLAMMABLE LIQUID, NOS
No of Containers: 002
Container Type: DM
Quantity: 110
Weight/Volume: G
Additional Description: Y
Handling Code: S01

AMERBELLEORP (Continued) **S109722900**

Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTC0106261
Year: 1990
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1990
Manifest ID: CTC0106261
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 05/01/1990
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 05/01/1990
Date Received: 05/01/1990
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTC0106260
Year: 1989
Waste Occurence: 1
UNNA: 1993
Hazard Class: FLAMMABLE
US Dot Description: WASTE FLAMMABLE LIQUID, NOS

AMERBELLEORP (Continued) **S109722900**

No of Containers: 024
Container Type: DM
Quantity: 1200
Weight/Volume: G
Additional Description: Y
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106260
Year: 1989
Waste Occurence: 2
UNNA: 1993
Hazard Class: FLAMMABLE
US Dot Description: WASTE FLAMMABLE LIQUID, NOS
No of Containers: 001
Container Type: DM
Quantity: 55
Weight/Volume: G
Additional Description: Y
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106260
Year: 1989
Waste Occurence: 3
UNNA: 1993
Hazard Class: FLAMMABLE
US Dot Description: WASTE FLAMMABLE LIQUID, NOS
No of Containers: 003
Container Type: DM
Quantity: 165
Weight/Volume: G
Additional Description: Y
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTC0106260
Year: 1989
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106260
Year: 1989
Waste Occurence: 2
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106260

AMERBELLEORP (Continued) **S109722900**

Year: 1989
Waste Occurence: 3
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1989
Manifest ID: CTC0106260
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 05/24/1989
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 05/24/1989
Date Received: 05/25/1989
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTC0106259
Year: 1988
Waste Occurence: 1
UNNA: 9189
Hazard Class: ORM-E
US Dot Description: WASTE FLAMMABLE LIQUID NOS
No of Containers: 003
Container Type: DM
Quantity: 165
Weight/Volume: G
Additional Description: Y

AMERBELLEORP (Continued) **S109722900**

Handling Code: Not reported
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTC0106259
Year: 1988
Waste Occurence: 1
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1988
Manifest ID: CTC0106259
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 07/29/1988
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 07/29/1988
Date Received: 08/01/1988
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTC0106257
Year: 1987
Waste Occurence: 1
UNNA: 1993
Hazard Class: FLAMMABLE

AMERBELLEORP (Continued) **S109722900**

US Dot Description: WASTE FLAMMABLE LIQUID, NOS
No of Containers: 038
Container Type: DM
Quantity: 1560
Weight/Volume: G
Additional Description: Y
Handling Code: T04
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106257
Year: 1987
Waste Occurence: 2
UNNA: 1993
Hazard Class: FLAMMABLE
US Dot Description: WASTE FLAMMABLE LIQUID, NOS
No of Containers: 001
Container Type: DM
Quantity: 55
Weight/Volume: G
Additional Description: Y
Handling Code: T01
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106257
Year: 1987
Waste Occurence: 3
UNNA: 1993
Hazard Class: COMBUSTIBL
US Dot Description: WASTE COMBUSTIBLE LIQUID, NOS
No of Containers: 003
Container Type: DM
Quantity: 130
Weight/Volume: G
Additional Description: Y
Handling Code: S01
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTC0106257
Year: 1987
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Manifest No: CTC0106257
Year: 1987
Waste Occurence: 2
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

AMERBELLEORP (Continued) **S109722900**

Manifest No: CTC0106257
Year: 1987
Waste Occurence: 3
EPA Waste Code: F005
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1987
Manifest ID: CTC0106257
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 09/18/1987
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD001139898
Generator Phone: 2038753325
Generator Mailing Addr: 104 E MAIN ST
Generator Mailing Town: VERNON
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 09/18/1987
Date Received: 09/21/1987
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

NPDES:
Town Id: Not reported
Company Name: Not reported
Permit Number: GSI001758
Permit Issued Date: 10/06/2011
Permit Expiration Date: 09/30/2016
Application Received Date: Not reported
Affiliation Type: Billing Contact
Permit EI Type: Stormwater Industrial Activities - GP
App Id: 201105776
Site Address Description: Not reported

AMERBELLEORP (Continued) **S109722900**

Site Address Line 2:	Not reported
Permit Description:	Not reported
Status:	Active
Affiliate Address Line 1:	146 HARTFORD RD
Affiliate Address Line 2:	Not reported
Affiliate City/State/Zip:	MANCHESTER, CT 06040-5992
Contact Name:	Not reported
Contact Title:	Not reported
Contact EMail:	Not reported
Town Id:	Not reported
Company Name:	Not reported
Permit Number:	GSI001758
Permit Issued Date:	10/06/2011
Permit Expiration Date:	09/30/2016
Application Received Date:	Not reported
Affiliation Type:	Permittee
Permit EI Type:	Stormwater Industrial Activities - GP
App Id:	201105776
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	Not reported
Status:	Active
Affiliate Address Line 1:	104 E MAIN ST
Affiliate Address Line 2:	PO BOX 150
Affiliate City/State/Zip:	VERNON, CT 06066-0150
Contact Name:	Arthur Aldrich
Contact Title:	Chief Operating Officer
Contact EMail:	aaldrich@amerbelle.com

B7 **CT SPILLS** **S101989866**
ESE **104 EAST MAIN STREET** **N/A**
< 1/8 **VERNON, CT**
0.032 mi.
169 ft. **Site 4 of 14 in cluster B**

Relative:
Higher

Actual:
496 ft.

SPILLS:

Year of Database:	2005
Case Number:	200507362
Who Took Spill:	202
Assigned To:	0
Report Date:	10/28/2005
Report Time:	08:18:23
Date Release:	10/28/2005
Time Responded:	Not reported
Reported By:	john donlin
Phone:	860 4786080
Representing:	amerbelle textiles
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	AMMONIA
Qty:	10 (Gallons)
Emergency Measure:	Remenants from an old pipe was released, minor amount. Building was evacuated. Comp not requesting response or call. Will advise when FD on scene. 0835 Fd on scene requesting our response 875-2543

(Continued) **S101989866**

Water Body:	none
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2005-11-09 12:34:22
Sr Inspector:	Mazzoccolli,Christina
At Inspctor:	**NO RESPONSE
User Stamp:	mgranill
Comments:	Not reported
Action:	Referred
Other Action:	Not reported
Action:	Other
Other Action:	environmental services
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Other
Other Cause:	cut pipe
Media ID:	Inside Building
Other Media:	Not reported
Class ID:	Industrial
Other Class:	Not reported
Release Type:	chemical
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	none

Year of Database:	2009
Case Number:	200904815
Who Took Spill:	202
Assigned To:	917
Report Date:	08/25/2009
Report Time:	11:16:38
Date Release:	08/25/2009
Time Responded:	Not reported
Reported By:	mike
Phone:	860 8752543
Representing:	fd
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	CASTIUM CAUSTIC SODA SOLUTION 50%
Qty:	3 (Gallons)
Emergency Measure:	2 patients with difficulty breathing. FD going to call back with any additional details. Thiurea dioxide mixed with water and spilled over.
Water Body:	Not reported

(Continued) **S101989866**

Discharger: Amerbelle Textiles
Telephone: 860 9790070
Responsible Party: YES
RP Address 1: 104 EAST MAIN ST
RP City,St,Zip: VERNON, CT 06066
Historic: False
Waterbody: False
Time Stamp: 2009-09-04 13:33:48
Sr Inspector: Landry, Robin
At Inspctor: Emanuelson, Brian
User Stamp: mgranill
Comments: Not reported
Action: Contracted
Other Action: Not reported
Action: Other
Other Action: ESI
Media ID: Other
Other Media: unknown
Release Type: chemical
Other Release: Not reported

Year of Database: 1991
Case Number: 209
Who Took Spill: KELLEY
Assigned To: Not reported
Report Date: 01/18/1991
Report Time: 16
Date Release: Not reported
Time Responded: Not reported
Reported By: AMBERBELLE CORPORATION
Phone: Not reported
Representing: Not reported
Terminated: N
Recovd (Total): 100
Total (Water): .
Facility Status: Not reported
Continuous Spill: Yes
Released Substance: Not reported
Qty: 100 (Gallons)
Emergency Measure: Not reported
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1997
Case Number: 9702526
Who Took Spill: 922

(Continued) **S101989866**

Assigned To:	935
Report Date:	05/19/1997
Report Time:	12:27:26
Date Release:	05/19/1997
Time Responded:	12:00:00
Reported By:	LEO DUBREUIL
Phone:	860 8753325
Representing:	AMERBELLE CORP,
Terminated:	NO
Recovd (Total):	0
Total (Water):	80
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	HYDRAULIC OIL
Qty:	80 (Gallons)
Emergency Measure:	RESERVE TANK LINE RUPTURED / OIL INTO SUMP / SUMP DISCHARGES INTO RIVER
Water Body:	HOCCENAUM RIVER
Discharger:	SAME AS ABOVE
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1997-09-05 10:35:37
Sr Inspector:	Aceto, John
At Inspctor:	Torres, Neil
User Stamp:	Not reported
Comments:	Not reported
Action:	Other
Other Action:	INVESTIGATED
Action:	Investigated
Other Action:	Not reported
Agency ID:	DEP
Other Agency:	Not reported
DEP Bureau:	BUREAU OF WASTE MANAGEMENT
DEP Agency:	OIL AND CHEMICAL SPILL RESPONSE
Cause ID:	Transfer Line Failure
Other Cause:	Not reported
Media ID:	Inside Building
Other Media:	Not reported
Class ID:	Commercial
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported
Waterbody:	River
Other Wtrbody:	Not reported

Year of Database:	1991
Town of Spill:	VERNON
Case Number:	209
OCSRD Inspector	913
Spill Date:	01/18/91
Spill Time:	16: 0
Report Date:	01/18/91
Report Time:	16: 30

(Continued) **S101989866**

Reported By: AMBERBELLE CORPORATION
Representing: AMBERBELLE CORPORATION
Work Telephone: 203- 875- 3325
Home Telephone: Not reported
Telephone Pole#: .
Incident Type: CHEMICAL
Substance: AQUA AMMONIA
Quantity: 100 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Yes
Release Status: On Going, No Decision
Misc Info: TRI-S HAS BEEN NOTIFIED. ARE RESPONDING TO TANK LEAKING VERY SLOWLY. 1000 GALLON TANK.
Water Body: Not reported
Other Media: Not reported
Release Area: Not reported
Total (Water): .
Recovd (Water): .
Recovd (Total): 100
Polluter Name: AMBERBELLE CORPORATION
Polluted Address: 104 EAST MAIN STREET
Polluted City,St,Zip: VERNON, CT 6066
Polluter Phone: 203- 875- 3325
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: PUMPING OUT TANK
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Local Fire Marshal, Local Fire Department
State Agency: Not reported
Notify Date: .
Notify Time: 16: 0
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Above Ground Tank Failure
Other Cause: Not reported
Actions1: Contained/Removed
Other Actions: Not reported
Cleanup Contractor: Y
Contractor Name: TRI-S
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: KELLEY
Badge # of Who Recieved Spill: .
Who Assigned Spill: ALEXANDER
Badge # of Who Assigned Spill: 913
Date Assigned: 01/18/91
Assigned Time: 16: 35
Spill Status: Closed

(Continued) **S101989866**

Case 1136:	Not reported
Federal 311K:	.
Case #1:	Not reported
Case #2:	.
Cost Recovery:	.
Property Owner:	Not reported
Property Other:	.
Property Name:	Not reported
Property Addr:	Not reported
Property CSZ:	.
Polluter:	Not reported
Owner:	Not reported
Operator:	Not reported
Vehicle Make:	Not reported
Vehicle Model:	Not reported
Truck Reg:	Not reported
Trail Reg:	Not reported
Additional Info:	LEAKING ABOVE GROUND TANK LOST APPROXIMATELY 100 GALLONS OF AMONIA, TRI-S PUMPING OUT TANK AND REMOVING SOIL.
Updated:	Not reported
Update Date:	.

B8 **AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F** **US BROWNFIELDS** **1009309726**
ESE **104 EAST MAIN STREET AND 5 BROOKLYN STREET** **N/A**
< 1/8 **VERNON, CT 06066**
0.032 mi.
169 ft. **Site 5 of 14 in cluster B**

Relative: US BROWNFIELDS:
Higher

Recipient name:	R1 TBA (STAG Funded)
Grant type:	TBA
Actual: Property name:	AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION FACILITY
496 ft. Property #:	Not reported
Parcel size:	4.68
Property Description:	The site has historically been used for textile operations. The site was formerly owned and operated by the Amerbelle Corporation. The mill buildings on site were constructed between 1865 and 1869. The Amerbelle Corporation was in arrears in its sewer payments to the town, and was prepared to close its Vernon operations and bankruptcy in November 2003. To help preserve the business and its 107 jobs for the town, the town enlisted the Hockanum Industrial Development and Venture Corporation HIDVC to work with Amerbelle Corporation to transfer the property. The HIDVC is a non-profit corporation established by the Town of Vernon to take ownership of industrial properties within the town that have closed or are in danger of closing, and assist the town in maintaining productive uses of such sites. The site is currently owned by the HIDVC.The site is comprised of a northern and southern parcel. The 1.5 acre northern parcel is occupied by an approximately 42,700 square-foot mill complex. The northern parcel mill complex currently houses solvent and latex-based textile coating operations, the companys industrial boiler systems, and storage areas. In addition to these operations, these latter buildings also house a Quality Control laboratory, various administrative offices, and the operations of Challenge Sailcloth, a tenant at the site.The 2.7-acre southern parcel is occupied by an approximately 54,500 square-foot two-story brick building, which currently houses textile dyeing and finishing operations.
Latitude:	41.86906

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Longitude:	-72.44190
HCM label:	Address Matching-House Number
Map scale:	1:24000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	11395
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	1
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	n/a
Ownership entity:	Private
Current owner:	Hockanum Industrial Development and Venture Corp.
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	4.68
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Recipient name:	Capitol Region Council of Governments
Grant type:	Assessment
Property name:	AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION FACILITY
Property #:	Not reported
Parcel size:	4.68
Property Description:	The site has historically been used for textile operations. The site was formerly owned and operated by the Amerbelle Corporation. The mill buildings on site were constructed between 1865 and 1869. The Amerbelle Corporation was in arrears in its sewer payments to the town, and was prepared to close its Vernon operations and bankruptcy in November 2003. To help preserve the business and its 107 jobs for the town, the town enlisted the Hockanum Industrial Development and Venture Corporation HIDVC to work with Amerbelle Corporation to transfer the property. The HIDVC is a non-profit corporation established by the Town of Vernon to take ownership of industrial properties within the town that have closed or are in danger of closing, and assist the town in maintaining productive uses of such sites. The site is currently owned by the HIDVC.The site is comprised of a northern and southern parcel. The 1.5 acre northern parcel is occupied by an approximately 42,700 square-foot mill complex. The northern parcel mill complex currently houses solvent and latex-based textile coating operations, the companys industrial boiler systems, and storage areas. In addition to these operations, these latter buildings also house a Quality Control laboratory, various administrative offices, and the operations of Challenge Sailcloth, a tenant at the site.The 2.7-acre southern parcel is occupied by an approximately 54,500 square-foot two-story brick building, which currently houses textile dyeing and finishing operations.
Latitude:	41.86906
Longitude:	-72.44190
HCM label:	Address Matching-House Number
Map scale:	1:24000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	11395
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	50341
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	97179301
Ownership entity:	Private
Current owner:	Hockanum Industrial Development and Venture Corp.
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	4.68
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

Recipient name:	Capitol Region Council of Governments
Grant type:	Assessment
Property name:	AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION FACILITY
Property #:	Not reported
Parcel size:	4.68
Property Description:	The site has historically been used for textile operations. The site was formerly owned and operated by the Amerbelle Corporation. The mill buildings on site were constructed between 1865 and 1869. The Amerbelle Corporation was in arrears in its sewer payments to the town, and was prepared to close its Vernon operations and bankruptcy in November 2003. To help preserve the business and its 107 jobs for the town, the town enlisted the Hockanum Industrial Development and Venture Corporation HIDVC to work with Amerbelle Corporation to transfer the property. The HIDVC is a non-profit corporation established by the Town of Vernon to take ownership of industrial properties within the town that have closed or are in danger of closing, and assist the town in maintaining productive uses of such sites. The site is currently owned by the HIDVC.The site is comprised of a northern and southern parcel. The 1.5 acre northern parcel is occupied by an approximately 42,700 square-foot mill complex. The northern parcel mill complex currently houses solvent and latex-based textile coating operations, the companys industrial boiler systems, and storage areas. In addition to these operations, these latter buildings also house a Quality Control laboratory, various administrative offices, and the operations of Challenge Sailcloth, a tenant at the site.The 2.7-acre southern parcel is occupied by an approximately 54,500 square-foot two-story brick building, which

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

currently houses textile dyeing and finishing operations.

Latitude:	41.86906
Longitude:	-72.44190
HCM label:	Address Matching-House Number
Map scale:	1:24000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	11395
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	9601
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97133201
Ownership entity:	Private
Current owner:	Hockanum Industrial Development and Venture Corp.
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	4.68
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported

AMBERBELLE TEXTILES-DYE AND TREATMENT OF FABRIC PRODUCTION F (Continued) **1009309726**

Unknown media cleaned up: Not reported
Past Use: Multistory Not reported

B9
ESE
< 1/8
0.032 mi.
169 ft.

AMERBELLE TEXTILES
104 E MAIN ST
VERNON ROCKVILLE, CT 06066

RCRA NonGen / NLR **1000354177**
RI MANIFEST **CTD001139898**
CT AIRS
US AIRS

Site 6 of 14 in cluster B

Relative:
Higher

Actual:
496 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/03/2012
Facility name:	AMERBELLE TEXTILES
Facility address:	104 E MAIN ST VERNON ROCKVILLE, CT 06066
EPA ID:	CTD001139898
Mailing address:	E MAIN ST VERNON ROCKVILLE, CT 06066
Contact:	BRIAN SANTOS
Contact address:	E MAIN ST , VERNON ROCKVILLE, CT 06066
Contact country:	US
Contact telephone:	(860) 871-4288
Contact email:	EHS@AMERBELLE.COM
EPA Region:	01
Land type:	Municipal
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HIDVC - PROPERTY 1, INC.
Owner/operator address:	C/O GARY WOLFF PO BOX H VERNON, CT 06066
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	04/19/2004
Owner/Op end date:	Not reported
Owner/operator name:	AMERBELLE TEXTILES LLC
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:	04/19/2004
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

AMERBELLE TEXTILES (Continued) **1000354177**

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

Historical Generators:

Date form received by agency: 11/20/2012
Site name: AMERBELLE TEXTILES
Classification: Not a generator, verified

Date form received by agency: 03/02/2011
Site name: AMERBELLE TEXTILES
Classification: Small Quantity Generator

Date form received by agency: 01/06/2011
Site name: AMERBELLE TEXTILES
Classification: Small Quantity Generator

Date form received by agency: 05/10/2010
Site name: AMERBELLE TEXTILES LLC
Classification: Large Quantity Generator

Date form received by agency: 03/05/2010
Site name: AMERBELLE TEXTILES
Classification: Large Quantity Generator

Date form received by agency: 04/25/2008
Site name: AMERBELLE TEXTILES
Classification: Large Quantity Generator

Date form received by agency: 01/24/2006
Site name: AMERBELLE TEXTILES LLC
Classification: Large Quantity Generator

Date form received by agency: 04/26/2004
Site name: AMERBELLE TEXTILES LLC
Classification: Large Quantity Generator

Date form received by agency: 01/23/2004
Site name: AMERBELLE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/18/2002
Site name: AMERBELLE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/18/2000
Site name: AMERBELLE CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/23/1998
Site name: AMERBELLE CORP
Classification: Large Quantity Generator

AMERBELLE TEXTILES (Continued) **1000354177**

Date form received by agency: 08/13/1980
Site name: AMERBELLE CORP THE
Classification: Not a generator, verified

Date form received by agency: 08/13/1980
Site name: AMERBELLE CORP THE
Classification: 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: D035
Waste name: METHYL ETHYL KETONE

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.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/13/2010
Date achieved compliance: 01/18/2011
Violation lead agency: State
Enforcement action: FIELD NOTICE OF VIOLATION
Enforcement action date: 10/13/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/18/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/08/2002
Date achieved compliance: 03/12/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 07/16/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

AMERBELLE TEXTILES (Continued) **1000354177**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 07/31/1986
Date achieved compliance: 04/01/2002
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 - General
Date violation determined: 07/31/1986
Date achieved compliance: 03/12/2004
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/21/1986
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: Generators - General
Date violation determined: 07/31/1986
Date achieved compliance: 03/12/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 07/16/1987
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: TSD - Closure/Post-Closure
Date violation determined: 07/31/1986
Date achieved compliance: 03/12/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 07/16/1987
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

AMERBELLE TEXTILES (Continued) **1000354177**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/31/1986
Date achieved compliance: 03/12/2004
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 03/30/1987
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: TSD - Financial Requirements
Date violation determined: 07/31/1986
Date achieved compliance: 03/21/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/19/1986
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: 10/13/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/18/2011
Evaluation lead agency: State

Evaluation date: 03/08/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/12/2004
Evaluation lead agency: State

Evaluation date: 02/11/1988
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/11/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

AMERBELLE TEXTILES (Continued) **1000354177**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/02/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 03/12/2004
Evaluation lead agency: State

Evaluation date: 07/02/1987
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/02/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/01/2002
Evaluation lead agency: State

Evaluation date: 07/02/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/02/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/21/1988
Evaluation lead agency: State

Evaluation date: 07/31/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/21/1988
Evaluation lead agency: State

Evaluation date: 07/31/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/01/2002
Evaluation lead agency: State

Evaluation date: 07/31/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 03/12/2004
Evaluation lead agency: State

Evaluation date: 07/31/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/12/2004
Evaluation lead agency: State

AMERBELLE TEXTILES (Continued) **1000354177**

RI MANIFEST:

GEN Cert Date:	8/10/2007
Transporter Receipt Date:	8/10/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF ID:	RID084802842
TSDF Date:	8/10/2007
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Manifest Docket Number:	000040663UIS
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Quantity:	25
WT/Vol Units:	G
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Transporter EPA ID:	CTD021816889
GEN Cert Date:	8/10/2007
Transporter Recpt Date:	8/10/2007
Transporter 2 Recpt Date:	Not reported
TSDF Recpt Date:	8/10/2007
EPA ID:	CTD001139898
Transporter 2 ID:	Not reported

AIRS:

OBS:	2143
Client No.:	8210
Town No.:	187
Prem No.:	15
Contact:	JOHN DONLAN
Phone# Area Code:	8608753325
Mail Street:	PO BOX 150
Mail Town:	VERNON
Mail State:	CT
Mail Zip:	Not reported
X Utm Grid:	712.200000
Y Utm Grid:	4638
Sic:	2262
Permit No:	9
Description:	BLR WICKES #6 (MAIN BOILER)
Date Permit Issued:	4/23/1981
Date Permit Expires:	.
Carbon Monoxide Emissions (TPY):	1.40000000
Actual Pm10(TPY):	6.5
Actual So(TPY):	8
Actual Nox(TPY):	5.20000000
Actual Hc(TPY):	0.40000000
OBS:	2144
Client No.:	8210

AMERBELLE TEXTILES (Continued) **1000354177**

Town No.:	187
Prem No.:	15
Contact:	JOHN DONLAN
Phone# Area Code:	8608753325
Mail Street:	PO BOX 150
Mail Town:	VERNON
Mail State:	CT
Mail Zip:	Not reported
X Utm Grid:	712.200000
Y Utm Grid:	4638
Sic:	2262
Permit No:	10
Description:	BLR TITUSVILLE #5 (SECONDARY)
Date Permit Issued:	4/23/1981
Date Permit Expires:	.
Carbon Monoxide Emissions (TPY):	0.29999999
Actual Pm10(TPY):	1.2
Actual So(TPY):	1.5
Actual Nox(TPY):	1
Actual Hc(TPY):	0.10000000
OBS:	2145
Client No.:	8210
Town No.:	187
Prem No.:	15
Contact:	JOHN DONLAN
Phone# Area Code:	8608753325
Mail Street:	PO BOX 150
Mail Town:	VERNON
Mail State:	CT
Mail Zip:	Not reported
X Utm Grid:	711.800000
Y Utm Grid:	4637.69999
Sic:	2262
Permit No:	12
Description:	CE 109 THERMAL OXIDIZER
Date Permit Issued:	10/14/1983
Date Permit Expires:	.
Carbon Monoxide Emissions (TPY):	0
Actual Pm10(TPY):	0
Actual So(TPY):	0
Actual Nox(TPY):	0
Actual Hc(TPY):	0

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110011369214
Plant name:	AMERBELLE TEXTILES LLC
Plant address:	104 EAST MAIN STREET VERNON, CT 060660150
County:	TOLLAND
Region code:	01
Dunn & Bradst #:	001139898
Air quality cntrl region:	041
Sic code:	2262
Sic code desc:	FINISHING PLANTS, MAN-MADE

AMERBELLE TEXTILES (Continued) **1000354177**

North Am. industrial classf: 313311
NAIC code description: Broadwoven Fabric Finishing Mills
Default compliance status: IN COMPLIANCE - INSPECTION
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: 113A ORDER ISSUED
Date achieved: 000330
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: 113A ORDER ISSUED
Date achieved: 000330
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000515
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000515
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 001016
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010214
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 010214
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 010214
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010409
Penalty amount: 000000000

AMERBELLE TEXTILES (Continued) **1000354177**

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 010409
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 030311
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 030311
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031020
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 031020
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 040916
Penalty amount: Not reported

Air program: Not reported
National action type: NXXXXX
Date achieved: 040916
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 040916
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 081006
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 081006
Penalty amount: Not reported

Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 081006
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED FCE / ON-SITE

AMERBELLE TEXTILES (Continued) **1000354177**

Date achieved: 100520
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 101202
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: 101202
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ ON-SITE
Date achieved: 110104
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ ON-SITE
Date achieved: 110322
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ ON-SITE
Date achieved: 110323
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 110324
Penalty amount: Not reported

Air program: Not reported
National action type: EPA INVESTIGATION CONDUCTED
Date achieved: 110927
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA INVESTIGATION CONDUCTED
Date achieved: 110927
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980424
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 980424
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 981203
Penalty amount: 000000000

AMERBELLE TEXTILES (Continued) **1000354177**

Air program: TITLE V PERMITS
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 981203
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 990114
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 990114
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 990505
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 990505
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
Date achieved: 990505
Penalty amount: 000000000

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004

AMERBELLE TEXTILES (Continued) **1000354177**

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

AMERBELLE TEXTILES (Continued) **1000354177**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION

AMERBELLE TEXTILES (Continued) **1000354177**

Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

B10
ESE
< 1/8
0.032 mi.
169 ft.

AMERBELLE TEXTILES, LLC **CT UST** **U002023060**
104 E MAIN ST **N/A**
VERNON, CT 06066

Site 7 of 14 in cluster B

Relative:
Higher

Actual:
496 ft.

UST:
Facility Id: 146-2991
Latitude: Not reported
Longitude: Not reported
Owner: AMERBELLE TEXTILES LLC
Owner Address: 104 E MAIN ST
Owner Address 2: Not reported
Owner City,St,Zip: VERNON, CT 060663336

Tank ID: 2991-1
Compartment ID: 2991-1
Compartment Num: 1
Alt. Tank ID: A1
Tank Status: **Permanently Closed**
Tank Material: Asphalt Coated or Bare Steel
Secondary Material: Not reported
Capacity: 20000
Substance: Used Oil
Date Installed: 01/01/1950
Date Last Used: 10/01/1989
Closure Status: **Tank was Removed From Ground**
Pipe Material: Bare or Galvonized Steel
Pipe Mode Description: Not reported
Spill Installed: Not reported
Overfill Installed: Not reported

Tank ID: 2991-2
Compartment ID: 2991-2
Compartment Num: 1
Alt. Tank ID: A2
Tank Status: **Permanently Closed**
Tank Material: Asphalt Coated or Bare Steel
Secondary Material: Not reported
Capacity: 20000
Substance: Used Oil
Date Installed: 01/01/1950
Date Last Used: 10/01/1989
Closure Status: **Tank was Removed From Ground**
Pipe Material: Bare or Galvonized Steel
Pipe Mode Description: Not reported
Spill Installed: Not reported
Overfill Installed: Not reported

Tank ID: 2991-3
Compartment ID: 2991-3
Compartment Num: 1

AMERBELLE TEXTILES, LLC (Continued) **U002023060**

Alt. Tank ID:	B1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	5000
Substance:	Gasoline
Date Installed:	01/01/1972
Date Last Used:	01/01/1993
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	2991-4
Compartment ID:	2991-4
Compartment Num:	1
Alt. Tank ID:	C1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	3000
Substance:	Gasoline
Date Installed:	01/01/1972
Date Last Used:	01/01/1993
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

B11 **CT SPILLS** **S104103040**
ESE **104 EAST MAIN ST** **N/A**
< 1/8 **VERNON, CT**
0.032 mi.
169 ft. **Site 8 of 14 in cluster B**

Relative: SPILLS:
Higher

Year of Database:	1995
Case Number:	1962
Actual: Who Took Spill:	EMANUELSON
496 ft. Assigned To:	Not reported
Report Date:	04/18/1995
Report Time:	915
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	ALLEN SCHWABEL
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	.
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	. (Gallons)
Emergency Measure:	Not reported

(Continued) **S104103040**

Water Body: HOCKANUM
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 2013
Case Number: 201304181
Who Took Spill: 203
Assigned To: 939
Report Date: 08/07/2013
Report Time: 18:52:04
Date Release: 08/07/2013
Time Responded: Not reported
Reported By: BEn Stephens
Phone: 860 7970946
Representing: DEEP HazMat
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: CLOSED
Continuous Spill: False
Released Substance: TRANSFORMER OIL
Qty: 15 (Gallons)
Emergency Measure: (296 ppm PCB's). CL&P on scene.
Water Body: None
Discharger: BRIDGEPORT FUNDING ALLIANCE LLC
Telephone: 860 2932203
Responsible Party: YES
RP Address 1: 1 GOLD STREET, SUITE P
RP City,St,Zip: Hartford, CT 06103
Historic: False
Waterbody: False
Time Stamp: 2013-09-17 12:06:51
Sr Inspector: SUSAN CAMPBELL
At Inspctor: STEPHENS, BENJAMIN
User Stamp: Granillo
Comments: Not reported
Action: Contracted
Other Action: Not reported
Action: Referred
Other Action: Not reported
Action: Other
Other Action: DEEP & CL&P on scene. ESI
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Agency ID: DEP

(Continued) **S104103040**

Other Agency: Not reported
DEP Bureau: PCB ENFORCEMENT
DEP Agency: Not reported
Cause ID: Trans/Capac.
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Utility
Other Class: Not reported
Release Type: dielect
Other Release: Not reported

Year of Database: 1995
Town of Spill: VERNON
Case Number: 1962
OCSRD Inspector: 933
Spill Date: 04/18/95
Spill Time: . .
Report Date: 04/18/95
Report Time: 915
Reported By: ALLEN SCHWABEL
Representing: AMERBELLE
Work Telephone: 2038
Home Telephone: Not reported
Telephone Pole#: .
Incident Type: SEWAGE RELATED
Substance: SEWAGE
Quantity: . Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: DARK BLUE SUBSTANCE IN RIVER IN AREA OF BRIDGE WORK ADJ TO AMERBELLE
Water Body: HOCKANUM
Other Media: Not reported
Release Area: River, Surface Water
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: TOWN OF VERNON
Polluted Address: Not reported
Polluted City,St,Zip: .
Polluter Phone: . . .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: DYKED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: . .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported

(Continued) **S104103040**

Class1:	Governmental	
Other Class:	Not reported	
Cause1:	Other	
Other Cause:	BROKEN SEWER MAIN	
Actions1:	Contained/Removed	
Other Actions:	Referred	
Cleanup Contractor:		Not reported
Contractor Name:		Not reported
Did DEP Hire Contractor:		Not reported
Date Contractor Hired:		.
When Contractor Requested:		Not reported
When Contractor Arrived:		Not reported
Who Took Spill:		EMANUELSON
Badge # of Who Recieved Spill:		917
Who Assigned Spill:		SANTACROCE
Badge # of Who Assigned Spill:		933
Date Assigned:	04/18/95	
Assigned Time:	10: 0	
Spill Status:	Closed	
Case 1136:	Not reported	
Federal 311K:	.	
Case #1:	Not reported	
Case #2:	.	
Cost Recovery:	.	
Property Owner:	Not reported	
Property Other:	.	
Property Name:	Not reported	
Property Addr:	Not reported	
Property CSZ:	.	
Polluter:	Not reported	
Owner:	Not reported	
Operator:	Not reported	
Vehicle Make:	Not reported	
Vehicle Model:	Not reported	
Truck Reg:	Not reported	
Trail Reg:	Not reported	
Additional Info:	SEE REPORT	REFERRED TO WATER
Updated:	Y	
Update Date:	04/18/95	

B12 **AMERBELLE TEXTILES** **NY MANIFEST** **S110709036**
ESE **104 E MAIN ST** **N/A**
< 1/8 **VERNON ROCKVILLE, CT 06066**
0.032 mi.
169 ft. **Site 9 of 14 in cluster B**

Relative:
Higher

Actual:
496 ft.

NY MANIFEST:

EPA ID:	CTD001139898
Country:	USA

Mailing Info:

Name:	AMERBELLE TEXTILES
Contact:	BRIAN SANTOS
Address:	50 KEARNEY RD
City/State/Zip:	NEEDHAM, MA 02494
Country:	USA
Phone:	860-871-4288

AMERBELLE TEXTILES (Continued) **S110709036**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2010-09-28
Trans1 Recv Date:	2010-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-10-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD001139898
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	13.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	003542771FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	2010-09-28
Trans1 Recv Date:	2010-09-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2010-10-07
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CTD001139898
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	42.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1.0

AMERBELLE TEXTILES (Continued) **S110709036**

Year:	2010
Manifest Tracking Num:	003542771FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

B13 **CT SPILLS** **S104413137**
ESE **104 EAST MAIN ST.** **N/A**
< 1/8 **VERNON, CT**
0.033 mi.
174 ft. **Site 10 of 14 in cluster B**

Relative: **Higher**

Actual: **497 ft.**

SPILLS:

Year of Database:	2000
Case Number:	200001003
Who Took Spill:	935
Assigned To:	0
Report Date:	02/17/2000
Report Time:	10:05:57
Date Release:	02/17/2000
Time Responded:	08:30:00
Reported By:	john donlon
Phone:	860 8753325
Representing:	amerbelle corp.
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	LIQUID CAUSTIC
Qty:	2 (Gallons)
Emergency Measure:	50% liquid caustic (naoh), drum punctured while unloading truck, contained and cleaned up, neutralized to 6ph
Water Body:	Not reported
Discharger:	amerbelle corp.
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	above
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2000-03-02 11:47:36
Sr Inspector:	Torres, Neil
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Contained
Other Action:	Not reported
Action:	Cleaned
Other Action:	Not reported

(Continued) **S104413137**

Action: Neutralized
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: Container Failure
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Industrial
Other Class: Not reported
Release Type: chemical
Other Release: Not reported
Waterbody: Other
Other Wtrbody: none

Year of Database: 2001
Case Number: 200102261
Who Took Spill: 935
Assigned To: 0
Report Date: 04/10/2001
Report Time: 10:12:51
Date Release: 04/10/2001
Time Responded: 09:30:00
Reported By: brian carra
Phone: 860 8753325
Representing: amerbelle corp.
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: Closed
Continuous Spill: False
Released Substance: ECO-SOFT
Qty: 5 (Gallons)
Emergency Measure: 55 gal.eco-soft (non-haz fabric softener) Poly drum fell off fork truck, picked up with sorbents.
Water Body: Not reported
Discharger: amerbelle corp.
Telephone: Not reported
Responsible Party: YES
RP Address 1: above
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 2001-04-11 09:02:47
Sr Inspector: Torres, Neil
At Inspctor: **NO RESPONSE
User Stamp: Not reported
Comments: Not reported
Action: Contained
Other Action: Not reported
Action: Cleaned
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported

(Continued) **S104413137**

DEP Agency: Not reported
Cause ID: Container Failure
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Industrial
Other Class: Not reported
Release Type: chemical
Other Release: Not reported
Waterbody: Other
Other Wtrbody: none

B14 **AMERBELLE TEXTILES LLC** **CT SPILLS** **S104083994**
ESE **104 EAST MAIN ST** **CT ENF** **N/A**
< 1/8 **VERNON, CT** **CT PROPERTY**
0.033 mi.
174 ft. **Site 11 of 14 in cluster B**

Relative:
Higher

Actual:
497 ft.

SPILLS:
Year of Database: 1992
Case Number: 5647
Who Took Spill: YORKE
Assigned To: Not reported
Report Date: 11/05/1992
Report Time: 10
Date Release: Not reported
Time Responded: Not reported
Reported By: LEO DUBREUIL
Phone: Not reported
Representing: Not reported
Terminated: Y
Recovd (Total): .
Total (Water): 100
Facility Status: Not reported
Continuous Spill: Not reported
Released Substance: Not reported
Qty: 100 (Gallons)
Emergency Measure: Not reported
Water Body: HOCKANUM
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1992
Town of Spill: VERNON
Case Number: 5647
OCSRD Inspector 934
Spill Date: 11/05/92
Spill Time: Not reported

AMERBELLE TEXTILES LLC (Continued) **S104083994**

Report Date: 11/05/92
Report Time: 10: 17
Reported By: LEO DUBREUIL
Representing: AMERBELLE
Work Telephone: 203- 875- 3325
Home Telephone: Not reported
Telephone Pole#: . .
Incident Type: PETROLEUM
Substance: 4 SPEC OIL
Quantity: 100 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: PIPE PROBLEM OIL INTO RIVER
Water Body: HOCKANUM
Other Media: Not reported
Release Area: River
Total (Water): 100
Recovd (Water): 20
Recovd (Total): .
Polluter Name: AMERBELLE CORP
Polluted Address: Not reported
Polluted City,St,Zip: .
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: TRI-S
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: 11/05/92
Notify Time: Not reported
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Inland Terminal
Other Class: Not reported
Cause1: Pumping
Other Cause: Not reported
Actions1: Contained/Removed
Other Actions: Other, BOOM
Cleanup Contractor: Y
Contractor Name: TRI-S
Did DEP Hire Contractor: No
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: YORKE
Badge # of Who Recieved Spill: 921
Who Assigned Spill: WILLIAMSON
Badge # of Who Assigned Spill: 934
Date Assigned: 11/05/92
Assigned Time: 10: 30

AMERBELLE TEXTILES LLC (Continued) **S104083994**

Spill Status:	Closed
Case 1136:	Not reported
Federal 311K:	.
Case #1:	Not reported
Case #2:	.
Cost Recovery:	.
Property Owner:	Not reported
Property Other:	.
Property Name:	Not reported
Property Addr:	Not reported
Property CSZ:	.
Polluter:	Not reported
Owner:	Not reported
Operator:	Not reported
Vehicle Make:	Not reported
Vehicle Model:	Not reported
Truck Reg:	Not reported
Trail Reg:	Not reported
Additional Info:	AMERBELLE WAS RECEIVING DELIVERY FROM UNITED OIL APPARENTLY THE WRONG VALVE WAS OPENED ALLOWING OIL TO BE DELIVERED TO ABANDONED PIPING SYS ALLOWING 100 GAL PROD TO BE RELEASED 20 GAL GOING INTOSTORM DRAIN TO HOCKANUM RIVER TRI-S HIRED BY AMERBELLE TO CLEAN UP BOOMS PLACEDIN RIVER VAC TRUCK USED TO REMOVE FREE PROD
Updated:	Y
Update Date:	11/05/92

ENFORCEMENT:

Enforcement Action ID:	FNOVWSWDH075
Enforcement Type Code:	Field Notice of Violation
Program Id:	Not reported
Enforcement Action Date:	11/10/2010
Penalty Amount:	$0.00
Sep Amt:	Not reported
Bureau Name:	Materials Management & Compliance Assurance
Program:	Hazardous Waste Enforcement
Status:	Active
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Stokes David K
ENF Action Comment:	Not reported
Number Violations:	1
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated EIs:	Not reported
Client Affiliation Type:	Respondent
Affiliation Name:	Not reported
Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Not reported
Contact Name:	Not reported
Contact EMail:	Not reported

Enforcement Action ID:	NOVWRIN07030
Enforcement Type Code:	NOV
Program Id:	NPDES

AMERBELLE TEXTILES LLC (Continued) **S104083994**

Enforcement Action Date:	06/29/2007
Penalty Amount:	Not reported
Sep Amt:	Not reported
Bureau Name:	BUREAU OF WATER MANAGEMENT
Program:	Not reported
Status:	Not reported
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Not reported
ENF Action Comment:	Not reported
Number Violations:	Not reported
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated Els:	Not reported
Client Affiliation Type:	Not reported
Affiliation Name:	Not reported
Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Not reported
Contact Name:	Not reported
Contact EMail:	Not reported

Enforcement Action ID:	NOVWRIN08003
Enforcement Type Code:	NOV
Program Id:	Not reported
Enforcement Action Date:	01/16/2008
Penalty Amount:	Not reported
Sep Amt:	Not reported
Bureau Name:	BUREAU OF WATER MANAGEMENT
Program:	Not reported
Status:	Not reported
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Not reported
ENF Action Comment:	Not reported
Number Violations:	Not reported
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated Els:	Not reported
Client Affiliation Type:	Not reported
Affiliation Name:	Not reported
Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Not reported
Contact Name:	Not reported
Contact EMail:	Not reported

CT Property:

Seller Name:	Amerbelle Corporation
Buyer Name:	Amerbelle Textiles LLC
Certifying Party:	Town of Vernon
Certifying Attention Person:	Laurence R. Shaffer
Title Of Certifying Person:	Town Administrator

AMERBELLE TEXTILES LLC (Continued) **S104083994**

Certifying Person Address:	14 Park Place
Certifying Person City,St,Zip:	Vernon, CT 06066
Property Transfer Forms:	Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAF)(DEP-PERD-PTP-200).
Date Recieved:	04/20/2004
Ackn Date:	05/11/2004
Determination Date:	11/29/2004
LEP Verified/DEP Approval Date:	Not reported
Rem Id:	6194
Remediation Location Id:	6915
Date Entered:	Not reported
Program:	Property Transfer Program
GAO Site:	False
Staff Full Name:	Tom Oconnor
Super/Date:	05/11/2004
Stage Of Project:	Not reported
RP Level Of Activity:	Not reported
RP Needed Level Of Activity:	Not reported
Staff Level Of Activity:	Not reported
Staff Needed Level Of Activity:	Not reported
Public Intrest:	Not reported
PRP Cooperation:	Not reported
Enforcement Status:	Not reported
Level Of Complexity:	Not reported
Complex Eng Or Sci:	False
Complex Due To Public Involvement:	False
Politically Complex:	False
Complex Enforcement:	False
Coordination With Other Bureaus:	False
EPA Involvement:	False
Staff Prefrence:	Not reported
Readiness For Transfer:	Not reported
Project Transfer Time:	Not reported
Transfer Comments:	Not reported
Staff As Of July 2000:	Not reported
Initial Staff:	Not reported
Type Of Transfer:	sale of assets
Salutation:	Mr. Shaffer
Relationship To Transfer:	unknown
Audit Date:	Not reported
Verif Type:	Not reported
Audit Outcome:	Not reported
GW:	GA
Basin:	Not reported
1st Payment:	1500
Pay Tag1:	11508
2nd Payment:	Not reported
Pay Tag2:	Not reported
RTN:	Not reported

AMERBELLE TEXTILES LLC (Continued) **S104083994**

Revised:	Not reported
ECAF Received:	Not reported
Old Determination Date:	Not reported
Redeterminationdate:	Not reported
Previous Determination:	Not reported
Monitoringoption:	Not reported
Postremedialmonitoring:	Not reported
Schedule Of I/R:	2006-11-01 00:00:00
Schedule Overdue:	Not reported
Aprvl Sched:	Not reported
Yr 1 Report:	Not reported
Yr 2 Report:	Not reported
Report Overdue:	Not reported
Ext Aprvl Sched:	Not reported
License #:	Not reported
Project Phase:	Not reported
PT Comments:	Not reported
EPA Id Number:	Not reported
GW Class:	Not reported
SW Class:	Not reported
AO/C0:	Not reported
Water Lead(Y Or N):	Not reported
Priority:	Not reported
Project Status(A, I Or D):	Not reported
Last Updated:	Not reported
SR Comments:	Not reported
Priority Or Work-Load:	Not reported
Status:	Not reported
Notes:	Not reported
Special Project Name:	Not reported
Special Project Comments:	Not reported
DOT Project:	Not reported
Pt Counter:	0
Project Complete:	False
Project Inactive:	False
Int Deposit #:	04-244
Deposit #:	Not reported
Spill Case #:	Not reported
Diversion Id:	0
Public Notice:	Not reported
RAP Received:	Not reported
RAP Approved:	Not reported
Compliance Category:	B
Delete Record:	False
ECAF Reviewed By:	Not reported
Not Locatable:	False
Primary Address:	True
AKA Site Name:	False
Primary Site Name:	True
AKA Site Address:	False
Lead:	LEP

B15
ESE
< 1/8
0.033 mi.
174 ft.

104 EAST MAIN ST
VERNON, CT

Site 12 of 14 in cluster B

CT SPILLS **S108646591**
N/A

Relative:
Higher

Actual:
497 ft.

SPILLS:

Year of Database:	2001
Case Number:	200109286
Who Took Spill:	937
Assigned To:	0
Report Date:	11/06/2001
Report Time:	15:11:27
Date Release:	11/06/2001
Time Responded:	Not reported
Reported By:	BRIAN CARRA
Phone:	860 8753325
Representing:	AMERBELLE CORP.
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	SULFURIC ACID
Qty:	4 (Gallons)
Emergency Measure:	SULFURIC ACID FROM A PUNCTURESD POLY DRUM, NEUTRALIZED WITH SODA. WASTE DISPOSED OF, TRANSFERRED REMAINING PRODUCT.
Water Body:	Not reported
Discharger:	SAA
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2001-11-06 15:21:25
Sr Inspector:	CHANDLER, JEFF
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Cleaned
Other Action:	Not reported
Action:	Neutralized
Other Action:	Not reported
Agency ID:	DEP
Other Agency:	Not reported
DEP Bureau:	BUREAU OF WASTE MANAGEMENT
DEP Agency:	OIL AND CHEMICAL SPILL RESPONSE
Cause ID:	Container Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Media ID:	Inside Building
Other Media:	Not reported
Class ID:	Industrial
Other Class:	Not reported
Class ID:	Commercial
Other Class:	Not reported
Release Type:	chemical

(Continued) **S108646591**

Other Release: Not reported

B16
ESE
< 1/8
0.033 mi.
174 ft.

104 EAST MAIN ST
VERNON, CT

CT SPILLS **S104076803**
N/A

Site 13 of 14 in cluster B

Relative:
Higher

Actual:
497 ft.

SPILLS:

Year of Database:	1991
Case Number:	1491
Who Took Spill:	ALEXANDER
Assigned To:	Not reported
Report Date:	04/23/1991
Report Time:	13
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	LEO DUBIEL
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	.
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	. (Gallons)
Emergency Measure:	Not reported
Water Body:	HOCKANUM RIVER
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	Not reported
Historic:	Not reported
Waterbody:	Not reported
Time Stamp:	Not reported
Sr Inspector:	Not reported
At Inspctor:	Not reported
User Stamp:	Not reported
Comments:	Not reported

Year of Database:	1991
Town of Spill:	VERNON
Case Number:	1491
OCSRD Inspector	931
Spill Date:	04/23/91
Spill Time:	12: 45
Report Date:	04/23/91
Report Time:	13: 2
Reported By:	LEO DUBIEL
Representing:	AMERBELLE
Work Telephone:	203- 875- 3325
Home Telephone:	Not reported
Telephone Pole#:	.
Incident Type:	CHEMICAL
Substance:	DYE
Quantity:	. Gallon(s)

(Continued) **S104076803**

Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated
Misc Info: FIXING PIPE REMOVING/NO DYE EVIDENT SPILL MENTIONDIN PASSING BY INSP 913 BUT APPARENTLY WAS MINOR
Water Body: HOCKANUM RIVER
Other Media: Not reported
Release Area: River
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: AMERBELLE CORP
Polluted Address: 104 EAST MAIN ST
Polluted City,St,Zip: VERNON, CT 6066
Polluter Phone: 203- 875- 3325
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: CONTAINED REMOVED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: 04/23/91
Notify Time: 13: 2
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Hose Failure
Other Cause: Not reported
Actions1: Contained/Removed
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: ALEXANDER
Badge # of Who Recieved Spill: 913
Who Assigned Spill: COSS
Badge # of Who Assigned Spill: 931
Date Assigned: .
Assigned Time: Not reported
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported
Case #2: .
Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported

(Continued) **S104076803**

Property Addr: Not reported
Property CSZ: .
Polluter: Not reported
Owner: Not reported
Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: Not reported
Updated: Y
Update Date: 04/25/91

B17 **CT SPILLS** **S104096389**
ESE **104 EAST MAIN ST** **N/A**
< 1/8 **VERNON, CT**
0.033 mi.
174 ft. **Site 14 of 14 in cluster B**

Relative: SPILLS:
Higher
Year of Database: 1994
Case Number: 686
Actual: Who Took Spill: EMANUELSON
497 ft. Assigned To: Not reported
Report Date: 02/15/1994
Report Time: 9 0
Date Release: Not reported
Time Responded: Not reported
Reported By: KAREN DICKERMAN
Phone: Not reported
Representing: Not reported
Terminated: Y
Recovd (Total): .
Total (Water): .
Facility Status: Not reported
Continuous Spill: Not reported
Released Substance: Not reported
Qty: 5 (Gallons)
Emergency Measure: Not reported
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1994
Town of Spill: VERNON
Case Number: 686
OCSRD Inspector: NR
Spill Date: 02/14/94

(Continued) **S104096389**

Spill Time: 14 0
Report Date: 02/15/94
Report Time: 9 0
Reported By: KAREN DICKERMAN
Representing: AMERBELLE CORP
Work Telephone: 2038
Home Telephone: Not reported
Telephone Pole#: .
Incident Type: CHEMICAL
Substance: LIQUID DYE
Quantity: 5 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: Not reported
Water Body: Not reported
Other Media: Not reported
Release Area: Inside Building
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: AMERBELLE CORP
Polluted Address: 104 EAST MAIN ST
Polluted City,St,Zip: VERNON, CT 6066
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: SPEEDI DRI/REMOVED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: . .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Container Failure
Other Cause: Not reported
Actions1: Contained/Removed
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: EMANUELSON
Badge # of Who Recieved Spill: 917
Who Assigned Spill: NR
Badge # of Who Assigned Spill: .
Date Assigned: .

(Continued) **S104096389**

Assigned Time:	Not reported
Spill Status:	Closed
Case 1136:	Not reported
Federal 311K:	.
Case #1:	Not reported
Case #2:	.
Cost Recovery:	.
Property Owner:	Not reported
Property Other:	.
Property Name:	Not reported
Property Addr:	Not reported
Property CSZ:	.
Polluter:	Not reported
Owner:	Not reported
Operator:	Not reported
Vehicle Make:	Not reported
Vehicle Model:	Not reported
Truck Reg:	Not reported
Trail Reg:	Not reported
Additional Info:	Not reported
Updated:	Not reported
Update Date:	.

C18 **CT SPILLS** **S104031502**
ESE **MAIN/BROOKLYN ST.** **N/A**
< 1/8 **VERNON, CT**
0.057 mi.
303 ft. **Site 1 of 9 in cluster C**

Relative:
Higher

Actual:
502 ft.

SPILLS:

Year of Database:	1998
Case Number:	9805963
Who Took Spill:	917
Assigned To:	0
Report Date:	09/03/1998
Report Time:	13:44:51
Date Release:	09/03/1998
Time Responded:	Not reported
Reported By:	disp.
Phone:	860 8713555
Representing:	CL&p
Terminated:	YES
Recovd (Total):	1
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	TRANSFORMER OIL
Qty:	1 (Gallons)
Emergency Measure:	NON PCB
Water Body:	na
Discharger:	saa
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1998-09-08 11:09:40

(Continued) **S104031502**

Sr Inspector:	Emanuelson, Brian
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Removed
Other Action:	Not reported
Action:	Contained
Other Action:	Not reported
Agency ID:	DEP
Other Agency:	Not reported
DEP Bureau:	BUREAU OF WASTE MANAGEMENT
DEP Agency:	OIL AND CHEMICAL SPILL RESPONSE
Cause ID:	Trans/Capac.
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Release Type:	dielect
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	na

C19 **EMERGENCY RESPONSE CGS-22A-451** **NY MANIFEST** **1009220187**
ESE **112 E MAIN ST** **N/A**
< 1/8 **VERNON, CT 06066**
0.059 mi.
309 ft. **Site 2 of 9 in cluster C**

Relative:
Higher

Actual:
502 ft.

NY MANIFEST:

EPA ID:	CTP000015432
Country:	USA

Mailing Info:

Name:	EMERGENCY RESPONSE CGS-22A-451
Contact:	ROSANNE STAVOLA
Address:	79 ELM ST
City/State/Zip:	HARTFORD, CT 06106
Country:	USA
Phone:	860-434-3377

Document ID:	NYB8582832
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	V29064CT
Trans2 State ID:	Not reported
Generator Ship Date:	970324
Trans1 Recv Date:	970324
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970708
Part A Recv Date:	Not reported
Part B Recv Date:	970808
Generator EPA ID:	CTP000015432
Trans1 EPA ID:	CTD016424210
Trans2 EPA ID:	Not reported
TSDF ID:	NYD057770109
Waste Code:	P048 - 2,4-DINTROPHENOL
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001

EMERGENCY RESPONSE CGS-22A-451 (Continued) **1009220187**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Document ID:	NYB8582823
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	V29004CT
Trans2 State ID:	Not reported
Generator Ship Date:	970324
Trans1 Recv Date:	970324
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970708
Part A Recv Date:	Not reported
Part B Recv Date:	970808
Generator EPA ID:	CTP000015432
Trans1 EPA ID:	CTD016424210
Trans2 EPA ID:	Not reported
TSDF ID:	NYD057770109
Waste Code:	U134 - HYDROFLUORIC ACID (C,T)
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

C20
ESE
< 1/8
0.065 mi.
344 ft.

Relative:
Higher

Actual:
497 ft.

EAST MAIN ST & GROVE ST AT AMERBELLE CO — **CT SPILLS** — **S106501282** / **N/A**
VERNON, CT

Site 3 of 9 in cluster C

SPILLS:

Year of Database:	1997
Case Number:	9707005
Who Took Spill:	206
Assigned To:	931
Report Date:	12/03/1997
Report Time:	05:22:00
Date Release:	12/03/1997
Time Responded:	Not reported
Reported By:	VERNON FIRE
Phone:	860 8752543
Representing:	Self
Terminated:	NO
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	PROPANE
Qty:	0 (Gallons)
Emergency Measure:	VERNON FIRE REPORTED A MASSIVE PROPANE LEAK
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1998-05-05 09:03:08
Sr Inspector:	Kinney, Clarence
At Inspctor:	Coss, Brian
User Stamp:	Not reported
Comments:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Media ID:	Air
Other Media:	Not reported
Release Type:	gas emission
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	N/A

C21
ESE
< 1/8
0.065 mi.
344 ft.

BROOKLYN STREET AND ROUTE 74
VERNON, CT

Site 4 of 9 in cluster C

CT SPILLS **S105146177**
N/A

Relative:
Higher

Actual:
497 ft.

SPILLS:

Year of Database:	2001
Case Number:	200104967
Who Took Spill:	934
Assigned To:	0
Report Date:	07/05/2001
Report Time:	11:32:27
Date Release:	07/05/2001
Time Responded:	Not reported
Reported By:	CL&P
Phone:	860 8410020
Representing:	Self
Terminated:	YES
Recovd (Total):	1
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	TRANSFORMER OIL
Qty:	1 (Gallons)
Emergency Measure:	REPAIR TRANSFORMER AND CONTAIN OIL
Water Body:	N/A
Discharger:	SAA
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2001-07-05 11:37:21
Sr Inspector:	Williamson, Matt
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Contained
Other Action:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Trans/Capac.
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Utility
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	N/A

C22
ESE
< 1/8
0.065 mi.
344 ft.

RT 31 AND RT 74
VERNON, CT

Site 5 of 9 in cluster C

CT SPILLS **S105146154**
N/A

Relative:
Higher

Actual:
497 ft.

SPILLS:

Year of Database:	2001
Case Number:	200104940
Who Took Spill:	208
Assigned To:	0
Report Date:	07/04/2001
Report Time:	11:34:37
Date Release:	07/04/2001
Time Responded:	Not reported
Reported By:	616
Phone:	800 3875959
Representing:	cl&p
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	NON-PCB OIL
Qty:	1 (Gallons)
Emergency Measure:	sanded
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2001-07-05 10:07:44
Sr Inspector:	Monarca, Vincent
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Sanded
Other Action:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Trans/Capac.
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Utility
Other Class:	Not reported
Release Type:	dielect
Other Release:	Not reported

D23
West
< 1/8
0.070 mi.
370 ft.

Relative:
Lower

Actual:
432 ft.

ROCKVILLE - 60 EAST MAIN STREET
VERNON, CT

Site 1 of 13 in cluster D

CT SPILLS **S104185027**
N/A

SPILLS:

Year of Database:	1999
Case Number:	9903047
Who Took Spill:	924
Assigned To:	917
Report Date:	05/13/1999
Report Time:	09:19:18
Date Release:	05/13/1999
Time Responded:	Not reported
Reported By:	jim winkler
Phone:	860 8711200
Representing:	anacoil
Terminated:	NO
Recovd (Total):	5
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	OIL
Qty:	5 (Gallons)
Emergency Measure:	Inspector to investigate
Water Body:	Hoccunum River
Discharger:	unknown at this time
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	Not reported
RP City,St,Zip:	ROCKVILLE, CT 06066
Historic:	False
Waterbody:	False
Time Stamp:	1999-12-06 14:02:26
Sr Inspector:	Gothberg, Erik
At Inspctor:	Emanuelson, Brian
User Stamp:	Not reported
Comments:	Not reported
Action:	Other
Other Action:	Investigated
Action:	Investigated
Other Action:	Not reported
Agency ID:	DEP
Other Agency:	Not reported
DEP Bureau:	BUREAU OF WASTE MANAGEMENT
DEP Agency:	OIL AND CHEMICAL SPILL RESPONSE
Cause ID:	Other
Other Cause:	Unknown
Media ID:	Surface Water
Other Media:	Not reported
Class ID:	Commercial
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported

D24
West
< 1/8
0.071 mi.
376 ft.

ANOCOIL CORPORATION
60 EAST MAIN ST
ROCKVILLE, CT

Site 2 of 13 in cluster D

CT SPILLS S104096419
CT ENF N/A

Relative:
Lower

Actual:
437 ft.

SPILLS:

Year of Database:	1994
Case Number:	4783
Who Took Spill:	WILLIAMSON
Assigned To:	Not reported
Report Date:	08/22/1994
Report Time:	1138
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	DAVID ARNER
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	.
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	200 (Gallons)
Emergency Measure:	Not reported
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	Not reported
Historic:	Not reported
Waterbody:	Not reported
Time Stamp:	Not reported
Sr Inspector:	Not reported
At Inspctor:	Not reported
User Stamp:	Not reported
Comments:	Not reported

Year of Database:	1994
Town of Spill:	VERNON
Case Number:	4783
OCSRD Inspector:	NR
Spill Date:	08/12/94
Spill Time:	. .
Report Date:	08/22/94
Report Time:	1138
Reported By:	DAVID ARNER
Representing:	ANOCOIL
Work Telephone:	2038
Home Telephone:	Not reported
Telephone Pole#:	.
Incident Type:	PETROLEUM
Substance:	4 FUEL OIL
Quantity:	200 Gallon(s)
Concentration:	.
Action Desc:	Not reported
On Going:	Not reported

ANOCOIL CORPORATION (Continued) **S104096419**

Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: CONTAINED W/I CONCRETE DYKE CLEANED BY ANOCOIL EMP
Water Body: Not reported
Other Media: INSIDE DYKE
Release Area: Not reported
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: ANOCOIL
Polluted Address: 60 EAST MAIN ST
Polluted City,St,Zip: ROCKVILLE, CT 6066
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: Not reported
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: . .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Other
Other Cause: LOOSE FITTING
Actions1: Contained/Removed
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: WILLIAMSON
Badge # of Who Recieved Spill: 934
Who Assigned Spill: NR
Badge # of Who Assigned Spill: .
Date Assigned: .
Assigned Time: Not reported
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported
Case #2: .
Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported
Property Addr: Not reported
Property CSZ: .
Polluter: Not reported
Owner: Not reported

ANOCOIL CORPORATION (Continued) **S104096419**

Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: Not reported
Updated: Not reported
Update Date: .

ENFORCEMENT:

Enforcement Action ID:	NOVWRIN07005
Enforcement Type Code:	NOV
Program Id:	SEWR
Enforcement Action Date:	01/31/2007
Penalty Amount:	Not reported
Sep Amt:	Not reported
Bureau Name:	BUREAU OF WATER MANAGEMENT
Program:	Not reported
Status:	Not reported
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Not reported
ENF Action Comment:	Not reported
Number Violations:	Not reported
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated EIs:	Not reported
Client Affiliation Type:	Not reported
Affiliation Name:	Not reported
Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Not reported
Contact Name:	Not reported
Contact EMail:	Not reported

Enforcement Action ID:	NOVWRTX07001
Enforcement Type Code:	NOV
Program Id:	NPDES
Enforcement Action Date:	01/04/2007
Penalty Amount:	Not reported
Sep Amt:	Not reported
Bureau Name:	BUREAU OF WATER MANAGEMENT
Program:	Not reported
Status:	Not reported
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Not reported
ENF Action Comment:	Not reported
Number Violations:	Not reported
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated EIs:	Not reported
Client Affiliation Type:	Not reported
Affiliation Name:	Not reported

ANOCOIL CORPORATION (Continued) **S104096419**

Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Not reported
Contact Name:	Not reported
Contact EMail:	Not reported

D25 **CT SPILLS** **S104096390**
West **60 EAST MAIN ST** **N/A**
< 1/8 **ROCKVILLE, CT**
0.071 mi.
376 ft. **Site 3 of 13 in cluster D**

Relative:
Lower

Actual:
437 ft.

SPILLS:

Year of Database:	1994
Case Number:	792
Who Took Spill:	Not reported
Assigned To:	Not reported
Report Date:	02/08/1994
Report Time:	1820
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	JAMES MURPHY
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	.
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	40 (Gallons)
Emergency Measure:	Not reported
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	Not reported
Historic:	Not reported
Waterbody:	Not reported
Time Stamp:	Not reported
Sr Inspector:	Not reported
At Inspctor:	Not reported
User Stamp:	Not reported
Comments:	Not reported

Year of Database:	1994
Town of Spill:	VERNON
Case Number:	792
OCSRD Inspector:	NR
Spill Date:	02/08/94
Spill Time:	18 0
Report Date:	02/08/94
Report Time:	1820
Reported By:	JAMES MURPHY
Representing:	ANOCOIL CORP
Work Telephone:	2038

(Continued) **S104096390**

Home Telephone: Not reported
Telephone Pole#: .
Incident Type: PETROLEUM
Substance: 4 FUEL OIL
Quantity: 40 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: Not reported
Water Body: Not reported
Other Media: Not reported
Release Area: Ground Surface
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: ANOCOIL CORP
Polluted Address: Not reported
Polluted City,St,Zip: .
Polluter Phone: 203-871-1200
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: CONTAINED/REMOVED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: . .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Hose Failure
Other Cause: Not reported
Actions1: Contained/Removed
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: Not reported
Badge # of Who Recieved Spill: 205
Who Assigned Spill: NR
Badge # of Who Assigned Spill: .
Date Assigned: .
Assigned Time: Not reported
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported
Case #2: .

(Continued) **S104096390**

Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported
Property Addr: Not reported
Property CSZ: .
Polluter: Not reported
Owner: Not reported
Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: Not reported
Updated: Not reported
Update Date: .

D26
West
< 1/8
0.071 mi.
376 ft.

ANO-COIL CORPORATION **CT SPILLS** **S108789771**
60 EAST MAIN STREET **CT PROPERTY** **N/A**
VERNON, CT

Site 4 of 13 in cluster D

Relative:
Lower

Actual:
437 ft.

SPILLS:
Year of Database: 96
Case Number: 1076
Who Took Spill: MCCANN
Assigned To: Not reported
Report Date: 03/13/1996
Report Time: 10
Date Release: Not reported
Time Responded: Not reported
Reported By: PETER BRENNTON
Phone: Not reported
Representing: ANOCOIL CORP
Terminated: Y
Recovd (Total): Not reported
Total (Water): Not reported
Facility Status: Not reported
Continuous Spill: Not reported
Released Substance: Not reported
Qty: 10 (Gallons)
Emergency Measure: Not reported
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1998

ANO-COIL CORPORATION (Continued) **S108789771**

Case Number:	9800844
Who Took Spill:	205
Assigned To:	0
Report Date:	02/16/1998
Report Time:	15:19:00
Date Release:	02/16/1998
Time Responded:	10:30:00
Reported By:	JIM WINKLER
Phone:	860 8711200
Representing:	ANOCOIL INC
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	HYDRAULIC OIL
Qty:	1 (Gallons)
Emergency Measure:	SPEEDY DRY
Water Body:	NONE
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1998-02-17 09:21:36
Sr Inspector:	SAMORAJCZYK,JEFF
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Removed
Other Action:	Not reported
Action:	Sanded
Other Action:	Not reported
Action:	Cleaned
Other Action:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Hose Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Release Type:	petroleum
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	NONE

CT Property:

Seller Name:	Antoinette Realty Co.,Inc
Buyer Name:	Howard A. Fromson
Certifying Party:	Howard A. Fromson
Certifying Attention Person:	Howard A. Fromson
Title Of Certifying Person:	Not reported
Certifying Person Address:	60 East Main Street

ANO-COIL CORPORATION (Continued) **S108789771**

Certifying Person City,St,Zip:	Rockville, CT 06066
Property Transfer Forms:	Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAF)(DEP-PERD-PTP-200).
Date Recieved:	01/13/1986
Ackn Date:	12/01/1986
Determination Date:	Not reported
LEP Verified/DEP Approval Date:	Not reported
Rem Id:	3071
Remediation Location Id:	4315
Date Entered:	Not reported
Program:	Property Transfer Program
GAO Site:	False
Staff Full Name:	Jan Czeczotka
Super/Date:	Not reported
Stage Of Project:	Not reported
RP Level Of Activity:	Not reported
RP Needed Level Of Activity:	Not reported
Staff Level Of Activity:	Not reported
Staff Needed Level Of Activity:	Not reported
Public Intrest:	Not reported
PRP Cooperation:	Not reported
Enforcement Status:	Not reported
Level Of Complexity:	Not reported
Complex Eng Or Sci:	False
Complex Due To Public Involvement:	False
Politically Complex:	False
Complex Enforcement:	False
Coordination With Other Bureaus:	False
EPA Involvement:	False
Staff Prefrence:	Not reported
Readiness For Transfer:	Not reported
Project Transfer Time:	Not reported
Transfer Comments:	Not reported
Staff As Of July 2000:	Czeczotka Jan
Initial Staff:	JMC
Type Of Transfer:	Not reported
Salutation:	Mr. Fromson
Relationship To Transfer:	transferor
Audit Date:	Not reported
Verif Type:	Not reported
Audit Outcome:	Not reported
GW:	GB
Basin:	Not reported
1st Payment:	Not reported
Pay Tag1:	WON'T PAY
2nd Payment:	Not reported
Pay Tag2:	Not reported
RTN:	11/18/1986
Revised:	Not reported

ANO-COIL CORPORATION (Continued) **S108789771**

ECAF Received:	Not reported
Old Determination Date:	Not reported
Redeterminationdate:	Not reported
Previous Determination:	Not reported
Monitoringoption:	Not reported
Postremedialmonitoring:	Not reported
Schedule Of I/R:	Not reported
Schedule Overdue:	Not reported
Aprvl Sched:	Not reported
Yr 1 Report:	Not reported
Yr 2 Report:	Not reported
Report Overdue:	Not reported
Ext Aprvl Sched:	Not reported
License #:	Not reported
Project Phase:	Not reported
PT Comments:	2/13/87 RAP
EPA Id Number:	Not reported
GW Class:	Not reported
SW Class:	Not reported
AO/C0:	Not reported
Water Lead(Y Or N):	Not reported
Priority:	Not reported
Project Status(A, I Or D):	Not reported
Last Updated:	Not reported
SR Comments:	Not reported
Priority Or Work-Load:	Not reported
Status:	Not reported
Notes:	Not reported
Special Project Name:	Not reported
Special Project Comments:	Not reported
DOT Project:	Not reported
Pt Counter:	Not reported
Project Complete:	False
Project Inactive:	False
Int Deposit #:	Not reported
Deposit #:	Not reported
Spill Case #:	Not reported
Diversion Id:	Not reported
Public Notice:	Not reported
RAP Received:	Not reported
RAP Approved:	Not reported
Compliance Category:	Not reported
Delete Record:	False
ECAF Reviewed By:	Not reported
Not Locatable:	False
Primary Address:	True
AKA Site Name:	False
Primary Site Name:	True
AKA Site Address:	False
Lead:	Not reported

D27
West
< 1/8
0.071 mi.
376 ft.

60 E MAIN ST
ROCKVILLE, CT

Site 5 of 13 in cluster D

CT SPILLS **S104085036**
N/A

Relative:
Lower

Actual:
437 ft.

SPILLS:

Year of Database:	1993
Case Number:	501
Who Took Spill:	WOFFORD
Assigned To:	Not reported
Report Date:	02/01/1993
Report Time:	9
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	PETER BRANN
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	2000
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	2000 (Gallons)
Emergency Measure:	Not reported
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	Not reported
Historic:	Not reported
Waterbody:	Not reported
Time Stamp:	Not reported
Sr Inspector:	Not reported
At Inspctor:	Not reported
User Stamp:	Not reported
Comments:	Not reported

Year of Database:	1993
Town of Spill:	VERNON
Case Number:	501
OCSRD Inspector	913
Spill Date:	02/01/93
Spill Time:	8: 0
Report Date:	02/01/93
Report Time:	9: 50
Reported By:	PETER BRANN
Representing:	ANOCOIL
Work Telephone:	203- 871- 1200
Home Telephone:	Not reported
Telephone Pole#:	.
Incident Type:	PETROLEUM
Substance:	4 OIL
Quantity:	2000 Gallon(s)
Concentration:	.
Action Desc:	Not reported
On Going:	Not reported

(Continued) **S104085036**

Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: 13K UST TRANSFER LINE FAILURE (LEAK) APPRX 2K GAL NOTICED WHEN PERFORMED AM INVENTORY (PRODUCT)
Water Body: Not reported
Other Media: Not reported
Release Area: Ground Surface
Total (Water): .
Recovd (Water): .
Recovd (Total): 2000
Polluter Name: ANOCOIL
Polluted Address: 60 E MAIN ST
Polluted City,St,Zip: ROCKVILLE, CT 6066
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: PUMPED OUT/REPAIRED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: Not reported
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Transfer Line Failure
Other Cause: Not reported
Actions1: Pumped Out
Other Actions: Repaired Line
Cleanup Contractor: Y
Contractor Name: TRI S
Did DEP Hire Contractor: No
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: WOFFORD
Badge # of Who Recieved Spill: 936
Who Assigned Spill: ALEXANDER
Badge # of Who Assigned Spill: 913
Date Assigned: 02/01/93
Assigned Time: Not reported
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported
Case #2: .
Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported
Property Addr: Not reported
Property CSZ: .
Polluter: Not reported

(Continued) **S104085036**

Owner: Not reported
Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: TRANSFER LINE FAILED LOSING 2000 GAL TO DYKED AREA TRI-S HIRED TO PUMP OUT OIL REMOVE SOIL NO WATERWAYS
Updated: Y
Update Date: 02/01/93

D28 **CT SPILLS** **S104085406**
West **60 EAST MAIN ST** **N/A**
< 1/8 **ROCKVILLE, CT**
0.071 mi.
376 ft. **Site 6 of 13 in cluster D**

Relative: **Lower**

Actual: **437 ft.**

SPILLS:
Year of Database: 1993
Case Number: 918
Who Took Spill: PROCHASKA
Assigned To: Not reported
Report Date: 02/15/1993
Report Time: 11
Date Release: Not reported
Time Responded: Not reported
Reported By: PETER BRENN
Phone: Not reported
Representing: Not reported
Terminated: Y
Recovd (Total):
Total (Water): 1500
Facility Status: Not reported
Continuous Spill: Not reported
Released Substance: Not reported
Qty: 1500 (Gallons)
Emergency Measure: Not reported
Water Body: HOCKANUM
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1993
Town of Spill: VERNON
Case Number: 918
OCSRD Inspector: 933
Spill Date: 02/15/93
Spill Time: 10: 6
Report Date: 02/15/93

(Continued) **S104085406**

Report Time: 11: 43
Reported By: PETER BRENN
Representing: ANACOIL
Work Telephone: 203- 871- 1200
Home Telephone: Not reported
Telephone Pole#: .
Incident Type: CHEMICAL
Substance: SULFURIC ACID
Quantity: 1500 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: GLASS TUBE HEAT EXCHANGER BROKEN DISCHARGING ACID INTO NOW CONTACT COOLING WATER DISCHARGE TO HOCKANUM NO CHANGES NOTED 2500 FROMDISCHARGE
Water Body: HOCKANUM
Other Media: Not reported
Release Area: River, Surface Water
Total (Water): 1500
Recovd (Water): .
Recovd (Total): .
Polluter Name: ANOCOIL
Polluted Address: 60 EAST MAIN ST
Polluted City,St,Zip: VERNON, CT 6066
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: Not reported
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: Not reported
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Industrial
Other Class: Not reported
Cause1: Other
Other Cause: PROBE BROKEN
Actions1: None
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: PROCHASKA
Badge # of Who Recieved Spill: 203
Who Assigned Spill: SANTACROCE
Badge # of Who Assigned Spill: 933
Date Assigned: 02/15/93

(Continued) **S104085406**

Assigned Time:	11: 48
Spill Status:	Closed
Case 1136:	Not reported
Federal 311K:	.
Case #1:	Not reported
Case #2:	.
Cost Recovery:	.
Property Owner:	Not reported
Property Other:	.
Property Name:	Not reported
Property Addr:	Not reported
Property CSZ:	.
Polluter:	Not reported
Owner:	Not reported
Operator:	Not reported
Vehicle Make:	Not reported
Vehicle Model:	Not reported
Truck Reg:	Not reported
Trail Reg:	Not reported
Additional Info:	COOLING H20 DISCHARGE PERMITTED BY WATER COMPLIANCE COOLING H20 IS CONTINOUS FLOW FROM UPSTREAM MILL POND INCOMING/OUT- GOING PH IS MONITORED PH AT TIME OF SPILL 1 2 MAX OUTFLOW IS 850 GPM COOLINGH20 USED IS 350 GPM SPILL OVER IN 45 MIN HEAT CHAMBER MAINTAINED ANNUALLY PROBEINSTALLED IN 1987 WILL NOW BE ALARMED WATER COMPLIANCE NOTIFIED 2/16/93
Updated:	Y
Update Date:	02/15/93

C29
East
< 1/8
0.073 mi.
383 ft.

EAST MAIN STREET AT GROVE **CT SPILLS** **S103163788**
VERNON, CT **N/A**

Site 6 of 9 in cluster C

Relative:
Higher

Actual:
513 ft.

SPILLS:

Year of Database:	1997
Case Number:	9707020
Who Took Spill:	912
Assigned To:	931
Report Date:	12/03/1997
Report Time:	12:47:00
Date Release:	12/03/1997
Time Responded:	Not reported
Reported By:	DISP #11
Phone:	860 8752543
Representing:	VERNON FD
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	PROPANE
Qty:	0 (Gallons)
Emergency Measure:	15,000 GALS. OF PRODUCT LEFT INN TANK, TO BE REMOVED
Water Body:	Not reported
Discharger:	AMERBELLE
Telephone:	Not reported
Responsible Party:	YES

(Continued) **S103163788**

RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 1997-12-03 14:20:20
Sr Inspector: Ciasullo, Rich
At Inspctor: Coss, Brian
User Stamp: Not reported
Comments: Not reported
Action: Pumped Out
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Agency ID: LOCAL FIRE DEPARTMENT
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: Valve Failure
Other Cause: Not reported
Media ID: Air
Other Media: Not reported
Class ID: Industrial
Other Class: Not reported
Release Type: gas emission
Other Release: Not reported

D30 **MAQ096092** **CT MANIFEST S108911989**
West **60 E MAIN ST** **CT ENF N/A**
< 1/8 **ROCKVILLE, CT 06066** **CT NPDES**
0.073 mi.
385 ft. **Site 7 of 13 in cluster D**

Relative: Lower

Actual: 436 ft.

CT MANIFEST:

Waste:
Manifest No: 003589368fle
Year: 2011
Waste Occurence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers: 001
Container Type: DM
Quantity: 8
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2011-04-19 00:00:00
DEO Who Last Modified Record: DPW

Waste CD:
Manifest No: 003589368fle
Year: 2011
Waste Occurence: 1
EPA Waste Code: D039
Recycled Waste?: False

MAQ096092 (Continued) **S108911989**

Date Record Was Last Modified: 2011-04-19 00:00:00
DEO Who Last Modified Record: DPW

Detail:

Year:	2011
Manifest ID:	003589368fle
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/18/2011
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	03/18/2011
Date Received:	03/18/2011
Last modified date:	04/19/2011
Last modified by:	DPW
Comments:	Not reported

Waste:

Manifest No:	003670186fle
Year:	2010
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2011-01-11 00:00:00
DEO Who Last Modified Record:	DPW

MAQ096092 (Continued) **S108911989**

Waste CD:

Manifest No:	003670186fle
Year:	2010
Waste Occurence:	1
EPA Waste Code:	D039
Recycled Waste?:	False
Date Record Was Last Modified:	2011-01-11 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2010
Manifest ID:	003670186fle
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	11/19/2010
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST CALL DAY B/4
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	11/19/2010
Date Received:	11/19/2010
Last modified date:	01/11/2011
Last modified by:	DPW
Comments:	Not reported

Waste:

Manifest No:	001419588SKS
Year:	2008
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8

MAQ096092 (Continued) **S108911989**

Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2008-10-17 00:00:00
DEO Who Last Modified Record: DPW

Waste CD:
Manifest No: 001419588SKS
Year: 2008
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2008-10-17 00:00:00
DEO Who Last Modified Record: DPW

Detail:
Year: 2008
Manifest ID: 001419588SKS
TSDF EPA ID: MAD096287354
TSDF Name: SAFETY-KLEEN SYSTEMS, INC.
TSDF Address: 224 EAST MAIN STREET
TSDF City,St,Zip: W BROOKFIELD, MA 01585
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 08/04/2008
Transporter EPA ID: TXR000050930
Transporter Name: SAFETY-KLEEN SYSTEMS, INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 8608711200
Generator Mailing Addr: 60 E MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 08/04/2008
Date Received: 08/04/2008
Last modified date: 02/17/2012
Last modified by: PG
Comments: Not reported

Waste:
Manifest No: 000950842SKS
Year: 2007
Waste Occurence: 1

MAQ096092 (Continued) **S108911989**

UNNA:	1993
Hazard Class:	3
US Dot Description:	COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2008-01-15 00:00:00
DEO Who Last Modified Record:	DPW

Waste CD:

Manifest No:	000950842SKS
Year:	2007
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2008-01-15 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2007
Manifest ID:	000950842SKS
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Address:	224 EAST MAIN ST
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/28/2007
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST CALL DAY B 4
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	12/28/2007
Date Received:	12/28/2007
Last modified date:	09/16/2008
Last modified by:	DMG
Comments:	Not reported

MAQ096092 (Continued) **S108911989**

Waste:

Manifest No:	001012826JJK
Year:	2006
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2007-01-16 00:00:00
DEO Who Last Modified Record:	DPW

Waste CD:

Manifest No:	001012826JJK
Year:	2006
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2007-01-16 00:00:00
DEO Who Last Modified Record:	DPW

Detail:

Year:	2006
Manifest ID:	001012826JJK
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Address:	224 EAST MAIN ST
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/06/2006
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	10/06/2006

MAQ096092 (Continued) **S108911989**

Date Received: 10/09/2006
Last modified date: 03/03/2008
Last modified by: DMG
Comments: Not reported

Waste:
Manifest No: MAU158058
Year: 2005
Waste Occurence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers: 001
Container Type: DM
Quantity: 12
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2006-01-18 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: MAU158058
Year: 2005
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2006-01-18 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 2005
Manifest ID: MAU158058
TSDF EPA ID: MAD096287354
TSDF Name: SAFETY-KLEEN SYSTEMS, INC.
TSDF Address: 224 EAST MAIN STREET
TSDF City,St,Zip: W BROOKFIELD, MA 01585
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 11/10/2005
Transporter EPA ID: TXR000050930
Transporter Name: SAFETY-KLEEN SYSTEMS, INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 8608711200
Generator Mailing Addr: 60 E MAIN ST CALL DAY B/4
Generator Mailing Town: ROCKVILLE

MAQ096092 (Continued) **S108911989**

Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	11/10/2005
Date Received:	11/11/2005
Last modified date:	02/14/2006
Last modified by:	DMG
Comments:	Not reported

Waste:

Manifest No:	maq927593
Year:	2004
Waste Occurence:	1
UNNA:	1993
Hazard Class:	COMBUSTIBLE
US Dot Description:	COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2005-09-23 00:00:00
DEO Who Last Modified Record:	DMG

Waste CD:

Manifest No:	maq927593
Year:	2004
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2005-09-23 00:00:00
DEO Who Last Modified Record:	DMG

Detail:

Year:	2004
Manifest ID:	maq927593
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY KLEEN SYSTEMS INC
TSDF Address:	PO BOX 11393
TSDF City,St,Zip:	COLUMBIA, SC 29211
TSDF Country:	USA
TSDF Telephone:	2038759599
Transport Date:	09/27/2004
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS INC (KELLER)
Transporter Country:	USA
Transporter Phone:	(800)558-5011
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

MAQ096092 (Continued) **S108911989**

Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	PO BOX 1318
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	09/27/2004
Date Received:	Not reported
Last modified date:	09/27/2005
Last modified by:	DMG
Comments:	Not reported

Waste:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	MAQ425323
Year:	2003
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-05-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	2003
Manifest ID:	MAQ425323
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Address:	224 EAST MAIN ST
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/31/2003
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYS INC
Transporter Country:	USA

MAQ096092 (Continued) **S108911989**

Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	03/31/2003
Date Received:	04/02/2003
Last modified date:	05/26/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAQ190602
Year:	2002
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAQ190602
Year:	2002
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	2002
Manifest ID:	MAQ190602
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Address:	224 EAST MAIN ST
TSDF City,St,Zip:	W BROOKFIELD, MA 01585

MAQ096092 (Continued) **S108911989**

TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	02/26/2002
Transporter EPA ID:	SCR000075150
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	02/26/2002
Date Received:	02/27/2002
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAQ097321
Year:	2001
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	8
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAQ097321
Year:	2001
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

MAQ096092 (Continued) **S108911989**

Detail:

Year:	2001
Manifest ID:	MAQ097321
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Address:	224 EAST MAIN ST
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/05/2001
Transporter EPA ID:	SCR000075150
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	12/05/2001
Date Received:	12/06/2001
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	MAM568603
Year:	2000
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	10
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAM568603
Year:	2000

MAQ096092 (Continued) **S108911989**

Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 2000
Manifest ID: MAM568603
TSDF EPA ID: MAD096287354
TSDF Name: SAFETY-KLEEN SYSTEMS INC
TSDF Address: 224 EAST MAIN ST
TSDF City,St,Zip: W BROOKFIELD, MA 01585
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 09/25/2000
Transporter EPA ID: SCR000075150
Transporter Name: SAFETY-KLEEN SYSTEMSINC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 8608711200
Generator Mailing Addr: 60 E MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 09/25/2000
Date Received: 09/25/2000
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: MAM361480
Year: 1999
Waste Occurence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: WASTE COMBUSTIBLE LIQUID, N.O.S.
No of Containers: 001
Container Type: DM
Quantity: 8
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported

MAQ096092 (Continued) **S108911989**

Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: MAM361480
Year: 1999
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1999
Manifest ID: MAM361480
TSDF EPA ID: MAD096287354
TSDF Name: SAFETY-KLEEN SYSTEMS INC
TSDF Address: 224 EAST MAIN ST
TSDF City,St,Zip: W BROOKFIELD, MA 01585
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 12/30/1999
Transporter EPA ID: ILD984908202
Transporter Name: SAFETY-KLEEN SYSTEMS INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 8608711200
Generator Mailing Addr: 60 E MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 12/30/1999
Date Received: 12/30/1999
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTF0712466
Year: 1998
Waste Occurence: 1
UNNA: 1993
Hazard Class: 3
US Dot Description: WASTE COMBUSTIBLE LIQUID,N.O.S.

MAQ096092 (Continued) **S108911989**

No of Containers: 001
Container Type: DM
Quantity: 8
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF0712466
Year: 1998
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1998
Manifest ID: CTF0712466
TSDF EPA ID: CTD000845982
TSDF Name: SAFETY-KLEEN SYSTEMS INC
TSDF Address: 24 BRIXTON ST
TSDF City,St,Zip: WEST HARTFORD, CT 06110
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 06/23/1998
Transporter EPA ID: ILD984908202
Transporter Name: SAFETY-KLEEN CORP
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 8608711200
Generator Mailing Addr: 60 E MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 06/23/1998
Date Received: 06/23/1998
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

MAQ096092 (Continued) **S108911989**

Waste:

Manifest No:	CTF0633345
Year:	1997
Waste Occurence:	1
UNNA:	1993
Hazard Class:	3
US Dot Description:	WASTE COMBUSTIBLE LIQUID,N.O.S.
No of Containers:	001
Container Type:	DM
Quantity:	9
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0633345
Year:	1997
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1997
Manifest ID:	CTF0633345
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY-KLEEN CORP
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06110
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	08/14/1997
Transporter EPA ID:	ILD984908202
Transporter Name:	SAFETY-KLEEN CORP
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	08/14/1997

MAQ096092 (Continued) **S108911989**

Date Received: 08/14/1997
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: MAH119935
Year: 1995
Waste Occurence: 1
UNNA: 1993
Hazard Class: 4
US Dot Description: WASTE COMBUSTIBLE LIQUID NOS
No of Containers: 001
Container Type: DM
Quantity: 7
Weight/Volume: G
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: MAH119935
Year: 1995
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: True
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1995
Manifest ID: MAH119935
TSDF EPA ID: CTD000845982
TSDF Name: SAFETY KLEEN CORP 2 070 01
TSDF Address: 24 BRIXTON ST
TSDF City,St,Zip: WEST HARTFORD, CT 06107
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 01/31/1995
Transporter EPA ID: ILD984908202
Transporter Name: SAFETY KLEEN CORP
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE

MAQ096092 (Continued) **S108911989**

Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Yes
Date Shipped:	01/31/1995
Date Received:	01/31/1995
Last modified date:	04/26/2004
Last modified by:	IG
Comments:	Not reported

ENFORCEMENT:

Enforcement Action ID:	FNOVWRIN14301
Enforcement Type Code:	Field Notice of Violation
Program Id:	Not reported
Enforcement Action Date:	01/09/2014
Penalty Amount:	$0.00
Sep Amt:	Not reported
Bureau Name:	Materials Management & Compliance Assurance
Program:	Industrial NPDES Enforcement
Status:	Active
Date of Discovery:	Not reported
Resolution Date:	Not reported
Resolution Type:	Not reported
Staff:	Langan Rita
ENF Action Comment:	Not reported
Number Violations:	Not reported
Civil Penalty:	Not reported
SEP Description:	Not reported
Associated EIs:	Not reported
Client Affiliation Type:	Respondent
Affiliation Name:	Not reported
Affiliation Address Line1:	Not reported
Affiliation Address Line2:	Not reported
Affiliation City/State/Zip:	Not reported
Contact Title:	Senior Project Manager
Contact Name:	Richard Bombardier
Contact EMail:	Not reported

NPDES:

Town Id:	Not reported
Company Name:	Not reported
Permit Number:	GSI002047
Permit Issued Date:	10/01/2011
Permit Expiration Date:	09/30/2016
Application Received Date:	Not reported
Affiliation Type:	Permittee
Permit EI Type:	Stormwater Industrial Activities - GP
App Id:	201105337
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	60 E MAIN ST. VERNON ROCKVILLE, CT 06066-3245
Status:	Active
Affiliate Address Line 1:	60 E MAIN ST
Affiliate Address Line 2:	PO BOX 1318

MAQ096092 (Continued) **S108911989**

Affiliate City/State/Zip:	ROCKVILLE, CT
Contact Name:	David Bujese
Contact Title:	President
Contact EMail:	DBujese@anocoil.com
Town Id:	Not reported
Company Name:	Not reported
Permit Number:	CT0020389
Permit Issued Date:	12/03/2010
Permit Expiration Date:	12/02/2015
Application Received Date:	Not reported
Affiliation Type:	Unknown affiliation
Permit EI Type:	Surface Water Discharge
App Id:	200100816
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	RENEWAL PERMIT #CT0020389 - Issued 11/20/2006, Company appealed permit, reissued after hearing on 12/03/2010.
Status:	Active
Affiliate Address Line 1:	PO BOX 1318
Affiliate Address Line 2:	60 EAST MAIN ST
Affiliate City/State/Zip:	ROCKVILLE, CT
Contact Name:	Not reported
Contact Title:	Not reported
Contact EMail:	Not reported
Town Id:	Not reported
Company Name:	Not reported
Permit Number:	CT0020389
Permit Issued Date:	12/03/2010
Permit Expiration Date:	12/02/2015
Application Received Date:	Not reported
Affiliation Type:	Permittee
Permit EI Type:	Surface Water Discharge
App Id:	200100816
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	RENEWAL PERMIT #CT0020389 - Issued 11/20/2006, Company appealed permit, reissued after hearing on 12/03/2010.
Status:	Active
Affiliate Address Line 1:	PO BOX 1318
Affiliate Address Line 2:	60 EAST MAIN ST
Affiliate City/State/Zip:	VERNON ROCKVILLE, CT 06066-1318
Contact Name:	DICK BOMBARDIER
Contact Title:	Not reported
Contact EMail:	Not reported
Town Id:	Not reported
Company Name:	Not reported
Permit Number:	SP0001242
Permit Issued Date:	08/11/2011
Permit Expiration Date:	08/10/2016
Application Received Date:	Not reported
Affiliation Type:	Unknown affiliation
Permit EI Type:	Sewer Discharge
App Id:	200600238
Site Address Description:	Not reported

MAQ096092 (Continued) **S108911989**

Site Address Line 2:	Not reported
Permit Description:	RENEWAL PERMIT #SP0001242-60 EAST MAIN ST., ROCKVILLE, CT
Status:	Active
Affiliate Address Line 1:	PO BOX 1318
Affiliate Address Line 2:	60 EAST MAIN ST
Affiliate City/State/Zip:	ROCKVILLE, CT
Contact Name:	Not reported
Contact Title:	Not reported
Contact EMail:	Not reported
Town Id:	Not reported
Company Name:	Not reported
Permit Number:	SP0001242
Permit Issued Date:	08/11/2011
Permit Expiration Date:	08/10/2016
Application Received Date:	Not reported
Affiliation Type:	Permittee
Permit EI Type:	Sewer Discharge
App Id:	200600238
Site Address Description:	Not reported
Site Address Line 2:	Not reported
Permit Description:	RENEWAL PERMIT #SP0001242-60 EAST MAIN ST., ROCKVILLE, CT
Status:	Active
Affiliate Address Line 1:	PO BOX 1318
Affiliate Address Line 2:	60 EAST MAIN ST
Affiliate City/State/Zip:	VERNON ROCKVILLE, CT 06066-1318
Contact Name:	David Bujese
Contact Title:	President
Contact EMail:	DBujese@anocoil.com

D31 **ANO COIL CORP** **RCRA-SQG** **1000108139**
West **60 E MAIN ST** **RI MANIFEST** **CTD018800458**
< 1/8 **ROCKVILLE, CT 06066** **US AIRS**
0.073 mi.
385 ft. **Site 8 of 13 in cluster D**

Relative: **Lower**

Actual: **436 ft.**

RCRA-SQG:

Date form received by agency:	02/12/1998
Facility name:	ANO COIL CORP
Facility address:	60 E MAIN ST ROCKVILLE, CT 060660000
EPA ID:	CTD018800458
Contact:	JAMES F WINKLER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(860) 871-1200
Telephone ext.:	507
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

ANO COIL CORP (Continued) **1000108139**

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

Historical Generators:
Date form received by agency: 02/26/1996
Site name: ANO COIL CORP.
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Site name: ANO COIL CORP.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Site name: ANO COIL CORP.
Classification: Large Quantity Generator

Date form received by agency: 05/30/1990
Site name: ANO COIL CORP
Classification: Large Quantity Generator

Date form received by agency: 06/04/1986
Site name: ANO COIL CORP
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 22a-449(c)-102(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/1996
Date achieved compliance: 06/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/21/1998
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: SR - 22a-449(c)-102(b)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/1996

ANO COIL CORP (Continued) **1000108139**

Date achieved compliance: 07/31/1996
Violation lead agency: State
Enforcement action: FIELD NOTICE OF VIOLATION
Enforcement action date: 06/25/1996
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: SR - 22a-449(c)-102(a)
Area of violation: Generators - General
Date violation determined: 06/25/1996
Date achieved compliance: 06/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/21/1998
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: SR - 22a-449(c)-102(b)(3)
Area of violation: Generators - Manifest
Date violation determined: 06/25/1996
Date achieved compliance: 06/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/21/1998
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: SR - 22a-449(c)-102(a)
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/1996
Date achieved compliance: 06/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/21/1998
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: SR - 22a-449(c)-102(a)
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/1996
Date achieved compliance: 07/31/1996

ANO COIL CORP (Continued) **1000108139**

Violation lead agency: State
Enforcement action: FIELD NOTICE OF VIOLATION
Enforcement action date: 06/25/1996
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: Generators - General
Date violation determined: 03/26/1986
Date achieved compliance: 07/28/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/27/1986
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: 02/02/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/1998
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/31/1996
Evaluation lead agency: State

Evaluation date: 06/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 06/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

ANO COIL CORP (Continued) **1000108139**

Area of violation: Generators - Pre-transport
Date achieved compliance: 06/24/1998
Evaluation lead agency: State

Evaluation date: 03/26/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/28/1986
Evaluation lead agency: State

RI MANIFEST:
GEN Cert Date: 3/6/1992
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D008
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: NORTHLAND
TSDF ID: RID040093852
TSDF Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: CTF0114171
Waste Description: HW LIQ
Quantity: 275
WT/Vol Units: G
Item Number: 1
Transporter Name: JEFFREY
Transporter EPA ID: MAD080030356
GEN Cert Date: 3/6/1992
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: CTD018800458
Transporter 2 ID: Not reported

AIRS (AFS):

Compliance and Violation Data Major Sources:
EPA plant ID: 110000315374
Plant name: ANOCOIL CORPORATION
Plant address: 60 EAST MAIN STREET
ROCKVILLE, CT 06066
County: TOLLAND
Region code: 01
Dunn & Bradst #: 018800458
Air quality cntrl region: 041
Sic code: 3471
Sic code desc: PLATING AND POLISHING
North Am. industrial classf: 332813
NAIC code description: Electroplating, Plating, Polishing, Anodizing, and Coloring
Default compliance status: IN COMPLIANCE - INSPECTION
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE

ANO COIL CORP (Continued) **1000108139**

REGULATIONS OR LIMITATIONS.
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:
Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 000404
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040428
Penalty amount: Not reported

Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040428
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 081216
Penalty amount: Not reported

Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 081216
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved: 970616
Penalty amount: 000000000

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203

ANO COIL CORP (Continued) **1000108139**

Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: Not reported

ANO COIL CORP (Continued) **1000108139**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: Not reported

D32
West
< 1/8
0.073 mi.
385 ft.

ANO COIL **CT MANIFEST** **S113474404**
60 E MAIN ST CALL **N/A**
ROCKVILLE, CT 06066

Site 9 of 13 in cluster D

Relative:
Lower

Actual:
436 ft.

CT MANIFEST:

Waste:
Manifest No: Not reported
Year: Not reported
Waste Occurence: Not reported
UNNA: Not reported
Hazard Class: Not reported
US Dot Description: Not reported
No of Containers: Not reported
Container Type: Not reported

ANO COIL (Continued) **S113474404**

Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Waste CD:

Manifest No:	Not reported
Year:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported

Detail:

Year:	2009
Manifest ID:	001883388SKS
TSDF EPA ID:	MAD096287354
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Address:	224 EAST MAIN STREET
TSDF City,St,Zip:	W BROOKFIELD, MA 01585
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/09/2009
Transporter EPA ID:	TXR000050930
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	8608711200
Generator Mailing Addr:	60 E MAIN ST CALL DAY B/4
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	07/09/2009
Date Received:	07/09/2009
Last modified date:	11/04/2009
Last modified by:	DPW
Comments:	Not reported

D33 **ANO COIL** **CT LWDS** **S108301491**
West **60 EAST MAIN STREET** **N/A**
< 1/8 **VERNON, CT**
0.073 mi.
385 ft. **Site 10 of 13 in cluster D**

Relative: LWDS:
Lower
Leachate and Wastewater Number: 4500006
Status of the Discharge Activity: Active
Actual: Leachate and Waste Flow: Surface
436 ft. Alias: Not reported
Alias2: Not reported

D34 **ANO-COIL CORPORATION** **CT SDADB** **U002025880**
West **60 EAST MAIN STREET** **CT CPCS** **N/A**
< 1/8 **VERNON, CT 06066**
0.073 mi.
385 ft. **Site 11 of 13 in cluster D**

Relative: Site Discovery and Assessment:
Lower
Facility ID: 5173
Rem Master ID: 5411
Actual: PTP Id: 1938
436 ft. WPC Number: Not reported
Postal District: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: Not reported
Disposal: Not reported
Sample Data Available: False
Updated By: Not reported
Update Program: Not reported
Updated: Not reported
Date Created: Not reported
Duplicate: False
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported
Site on EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported
Deferred to another EPA Program: Not reported
EPA Env Priority Initiative Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 5348
Source of referral: PTP
Date Received: 1/13/1986
Staff Assigned: CZECZOTKA, J.
Remediation Program: PTP
Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: 1/13/1986
Outcome: PTP
Remedial Id: Not reported

ANO-COIL CORPORATION (Continued) **U002025880**

PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Comments:	Not reported

CPCS:

Site Type:	Projects
Lust Status:	Not reported
PTP Form:	III
Program:	Property Transfer Program
Comments:	Projects
Site Type Definition:	Property Transfer Form III

D35
West
< 1/8
0.073 mi.
385 ft.

ANCO COIL CORP
60 EAST MAIN ST
ROCKVILLE, CT 06066

CT MANIFEST **S109726113**
N/A

Site 12 of 13 in cluster D

Relative:
Lower

Actual:
436 ft.

CT MANIFEST:

Waste:

Manifest No:	MI4203467
Year:	1996
Waste Occurence:	1
UNNA:	3082
Hazard Class:	9
US Dot Description:	env. Hazardous substance liquid nos
No of Containers:	007
Container Type:	DM
Quantity:	4622
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	MI4203467
Year:	1996
Waste Occurence:	2
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	006
Container Type:	DM
Quantity:	2160
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Manifest No:	MI4203467
Year:	1996
Waste Occurence:	3
UNNA:	3077
Hazard Class:	9
US Dot Description:	ENVIRONMENTALLY HAZ. SUBSTANCES,SOLID
No of Containers:	001
Container Type:	DM
Quantity:	312
Weight/Volume:	P
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MI4203467
Year:	1996
Waste Occurence:	1
EPA Waste Code:	D008

ANCO COIL CORP (Continued) **S109726113**

Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Manifest No: MI4203467
Year: 1996
Waste Occurence: 2
EPA Waste Code: D008
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Manifest No: MI4203467
Year: 1996
Waste Occurence: 3
EPA Waste Code: D007
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-26 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1996
Manifest ID: MI4203467
TSDF EPA ID: MID000724831
TSDF Name: ENVOTECH MGT SERVICES INC
TSDF Address: 49350 NORTH SERVICE DR
TSDF City,St,Zip: BELLEVILLE, MI 48111
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 03/20/1996
Transporter EPA ID: NYD982792814
Transporter Name: FRANKS VACUUM TRUCK SVC INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Not reported
Discrepancies: Not reported
Date Shipped: 03/20/1996
Date Received: Not reported
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

ANCO COIL CORP (Continued) **S109726113**

Waste:

Manifest No:	MAH114088
Year:	1994
Waste Occurence:	1
UNNA:	1993
Hazard Class:	COMBUSTIB
US Dot Description:	WASTE COMBUSTIBLE LIQUID
No of Containers:	001
Container Type:	DM
Quantity:	6
Weight/Volume:	G
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	MAH114088
Year:	1994
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	True
Date Record Was Last Modified:	2004-04-26 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1994
Manifest ID:	MAH114088
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY KLEEN CORP 2 070 01
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	12/06/1994
Transporter EPA ID:	ILD984908202
Transporter Name:	SAFETY KLEEN CORP
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	2038711200
Generator Mailing Addr:	60 EAST MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	12/06/1994

ANCO COIL CORP (Continued) **S109726113**

Date Received: 12/06/1994
Last modified date: 04/26/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTF0316173
Year: 1993
Waste Occurence: 1
UNNA: 1993
Hazard Class: COMBUSTIBL
US Dot Description: WASTE LIQUID NOS, MINERAL SPIRITS
No of Containers: 001
Container Type: DM
Quantity: 7
Weight/Volume: G
Additional Description: Y
Handling Code: S02
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF0316173
Year: 1993
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: True
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1993
Manifest ID: CTF0316173
TSDF EPA ID: CTD000845982
TSDF Name: SAFETY KLEEN CORP 2 070 01
TSDF Address: 24 BRIXTON ST
TSDF City,St,Zip: WEST HARTFORD, CT 06107
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 02/02/1993
Transporter EPA ID: ILD051060408
Transporter Name: SAFETY KLEEN CORP (TRANSP)
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE

ANCO COIL CORP (Continued) **S109726113**

Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 02/02/1993
Date Received: 02/03/1993
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTF0189694
Year: 1992
Waste Occurence: 1
UNNA: 1255
Hazard Class: COMBUSTIBL
US Dot Description: WASTE PETROLEUM NAPHTHA
No of Containers: 001
Container Type: DM
Quantity: 45
Weight/Volume: P
Additional Description: Y
Handling Code: S02
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTF0189694
Year: 1992
Waste Occurence: 1
EPA Waste Code: D001
Recycled Waste?: True
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1992
Manifest ID: CTF0189694
TSDF EPA ID: CTD000845982
TSDF Name: SAFETY KLEEN CORP 2-070-01
TSDF Address: 24 BRIXTON ST
TSDF City,St,Zip: WEST HARTFORD, CT 06107
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 04/28/1992
Transporter EPA ID: ILD051060408
Transporter Name: SAFETY KLEEN CORP (TRANSP)
Transporter Country: USA
Transporter Phone: Not reported
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

ANCO COIL CORP (Continued) **S109726113**

Trans 2 Country:	USA
Trans 2 Phone:	Not reported
EPA ID:	CTD018800458
Generator Phone:	2038711200
Generator Mailing Addr:	60 EAST MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	04/28/1992
Date Received:	04/28/1992
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTF0037162
Year:	1991
Waste Occurence:	1
UNNA:	1255
Hazard Class:	COMBUSTIBL
US Dot Description:	WASTE PETRO NAPHTHA LIQ
No of Containers:	001
Container Type:	DM
Quantity:	45
Weight/Volume:	P
Additional Description:	N
Handling Code:	S02
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTF0037162
Year:	1991
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1991
Manifest ID:	CTF0037162
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY KLEEN CORP 2-070-01
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	01/10/1991
Transporter EPA ID:	ILD051060408
Transporter Name:	SAFETY-KLEEN CORP (TRANSPORTER ONLY)
Transporter Country:	USA

ANCO COIL CORP (Continued) **S109726113**

Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	2038711200
Generator Mailing Addr:	60 EAST MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	No
Discrepancies:	No
Date Shipped:	01/10/1991
Date Received:	01/10/1991
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTC0311344
Year:	1990
Waste Occurence:	1
UNNA:	9189
Hazard Class:	ORM-E
US Dot Description:	WASTE ACID LIQUID NOS
No of Containers:	030
Container Type:	DM
Quantity:	1650
Weight/Volume:	G
Additional Description:	Y
Handling Code:	S01
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTC0311344
Year:	1990
Waste Occurence:	1
EPA Waste Code:	D002
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Detail:

Year:	1990
Manifest ID:	CTC0311344
TSDF EPA ID:	CTD072138969
TSDF Name:	ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address:	130 FREIGHT ST
TSDF City,St,Zip:	WATERBURY, CT 06702

ANCO COIL CORP (Continued) **S109726113**

TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	07/23/1990
Transporter EPA ID:	CTD072138969
Transporter Name:	ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	2038711200
Generator Mailing Addr:	60 EAST MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	07/23/1990
Date Received:	07/23/1990
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTC0221561
Year:	1989
Waste Occurence:	1
UNNA:	1255
Hazard Class:	COMBUSTIBL
US Dot Description:	WASTE PETROLEUM NAPHTHA LIQUID
No of Containers:	001
Container Type:	DM
Quantity:	45
Weight/Volume:	P
Additional Description:	Y
Handling Code:	S02
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTC0221561
Year:	1989
Waste Occurence:	1
EPA Waste Code:	D001
Recycled Waste?:	False
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

ANCO COIL CORP (Continued) **S109726113**

Detail:

Year:	1989
Manifest ID:	CTC0221561
TSDF EPA ID:	CTD000845982
TSDF Name:	SAFETY KLEEN CORP 2-070-01
TSDF Address:	24 BRIXTON ST
TSDF City,St,Zip:	WEST HARTFORD, CT 06107
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	01/09/1989
Transporter EPA ID:	ILD051060408
Transporter Name:	SAFETY-KLEEN CORP (TRANSPORTER ONLY)
Transporter Country:	USA
Transporter Phone:	Not reported
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:	CTD018800458
Generator Phone:	2038711200
Generator Mailing Addr:	60 EAST MAIN ST
Generator Mailing Town:	ROCKVILLE
Generator Mailing State:	CT
Generator Mailing Zip:	06066
Generator Mailing Country:	USA
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	01/09/1989
Date Received:	01/09/1989
Last modified date:	04/27/2004
Last modified by:	IG
Comments:	Not reported

Waste:

Manifest No:	CTC0170075
Year:	1988
Waste Occurence:	1
UNNA:	9189
Hazard Class:	ORM-E
US Dot Description:	HAZARDOUS WASTE LIQUID, NOS
No of Containers:	001
Container Type:	TT
Quantity:	715
Weight/Volume:	G
Additional Description:	Y
Handling Code:	T01
Date Record Was Last Modified:	2004-04-27 00:00:00
DEO Who Last Modified Record:	IG

Waste CD:

Manifest No:	CTC0170075
Year:	1988

ANCO COIL CORP (Continued) **S109726113**

Waste Occurence: 1
EPA Waste Code: D007
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1988
Manifest ID: CTC0170075
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 12/19/1988
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: Yes
Date Shipped: 12/19/1988
Date Received: 12/20/1988
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTB0068896
Year: 1987
Waste Occurence: 1
UNNA: 9189
Hazard Class: ORM-E
US Dot Description: HAZARDOUS WASTE LIQUID, NOS
No of Containers: 004
Container Type: DM
Quantity: 220
Weight/Volume: G
Additional Description: Y
Handling Code: S01

ANCO COIL CORP (Continued) **S109726113**

Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTB0068896
Year: 1987
Waste Occurence: 1
EPA Waste Code: D008
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1987
Manifest ID: CTB0068896
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 07/01/1987
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 07/01/1987
Date Received: 07/01/1987
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

Waste:
Manifest No: CTB0035254
Year: 1986
Waste Occurence: 1
UNNA: 9189
Hazard Class: ORM-E
US Dot Description: HAZARDOUS WASTE LIQUID, NOS

ANCO COIL CORP (Continued) **S109726113**

No of Containers: 008
Container Type: DM
Quantity: 440
Weight/Volume: G
Additional Description: Y
Handling Code: S01
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Waste CD:
Manifest No: CTB0035254
Year: 1986
Waste Occurence: 1
EPA Waste Code: D008
Recycled Waste?: False
Date Record Was Last Modified: 2004-04-27 00:00:00
DEO Who Last Modified Record: IG

Detail:
Year: 1986
Manifest ID: CTB0035254
TSDF EPA ID: CTD072138969
TSDF Name: ENVIRONMENTAL WASTE RESOURCES INC
TSDF Address: 130 FREIGHT ST
TSDF City,St,Zip: WATERBURY, CT 06702
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 11/14/1986
Transporter EPA ID: CTD072138969
Transporter Name: ENVIRONMENTAL WASTE RESCOURCES INC
Transporter Country: USA
Transporter Phone: Not reported
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: CTD018800458
Generator Phone: 2038711200
Generator Mailing Addr: 60 EAST MAIN ST
Generator Mailing Town: ROCKVILLE
Generator Mailing State: CT
Generator Mailing Zip: 06066
Generator Mailing Country: USA
Special Handling: Yes
Discrepancies: No
Date Shipped: 11/14/1986
Date Received: 11/14/1986
Last modified date: 04/27/2004
Last modified by: IG
Comments: Not reported

D36
West
< 1/8
0.073 mi.
385 ft.

ANOCOIL CORPORATION
60 E MAIN ST
VERNON ROCKVILLE, CT 06066

Site 13 of 13 in cluster D

CT UST **U004140732**
N/A

Relative:
Lower

Actual:
436 ft.

UST:

Facility Id:	146-9846
Latitude:	Not reported
Longitude:	Not reported
Owner:	HOWARD A. FROMSON
Owner Address:	60 E MAIN ST
Owner Address 2:	Not reported
Owner City,St,Zip:	VERNON, CT 060663245
Tank ID:	9846-1
Compartment ID:	9846-1
Compartment Num:	1
Alt. Tank ID:	T01
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	25000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	10/01/1989
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	9846-2
Compartment ID:	9846-2
Compartment Num:	1
Alt. Tank ID:	T02
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	25000
Substance:	Heating Oil
Date Installed:	01/01/1950
Date Last Used:	10/01/1989
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

C37
ESE
< 1/8
0.073 mi.
387 ft.

114 E MAIN ST
VERNON ROCKVILLE, CT 06066

Site 7 of 9 in cluster C

EDR US Hist Auto Stat **1015165735**
N/A

Relative:
Higher

Actual:
499 ft.

EDR Historical Auto Stations:

Name:	ELM MOTORS INCORPORATED
Year:	1999
Address:	114 E MAIN ST
Name:	ELM MOTORS INCORPORATED
Year:	2000
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2001
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2002
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2003
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2004
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2005
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2006
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2007
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2008
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2009
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2010
Address:	114 E MAIN ST
Name:	ELM MOTORS INC
Year:	2011
Address:	114 E MAIN ST

(Continued) **1015165735**

Name: ELM MOTORS INC
Year: 2012
Address: 114 E MAIN ST

C38 **FORMER DRAKE SUNOCO** **CT LUST S102414222**
ESE **RTE. 74 & RTE. 31** **CT CPCS N/A**
< 1/8 **VERNON, CT 06066**
0.075 mi.
394 ft. **Site 8 of 9 in cluster C**

Relative:
Higher

Actual:
498 ft.

LUST:

LUST Id:	1472
UST Facility Id:	2873
LUST Case Id:	29581
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	True
Motor Fuel:	True
Diesel:	False
Gasoline:	True
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	True
Piping:	False
Overfill:	False
Removal:	True
Incident Date:	1989-11-29 00:00:00
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	5153
LUST Owner Id:	Not reported
UST Event Id:	1471
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	146
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported

FORMER DRAKE SUNOCO (Continued) **S102414222**

Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Petroleum Marketers, Inc.
Resp Party Address:	1148 Allens Avenue
Resp Party City,St,Zip:	North Grosvenor Dale, CT 06255
Resp Party Town Number:	141
Resp Party Phone:	2039741400
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	30
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	True
Soil Gas:	False

FORMER DRAKE SUNOCO (Continued) **S102414222**

Site Inspect:	False
Soil Excavate:	True
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Allison Forrest/ForrestA
Date Stamp:	2012-04-27 00:00:00
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Spills Files
Work Performed:	Not reported

CPCS:

Site Type:	LUST
Lust Status:	LUST Completed (DEP's significant hazard definition)
PTP Form:	Not reported
Program:	Not reported
Comments:	Should Be Registered Facility
Site Type Definition:	Leaking Underground Storage Tanks Completed

C39
ESE
< 1/8
0.075 mi.
394 ft.

GROVE ST
1 GROVE ST
VERNON, CT 06066

Site 9 of 9 in cluster C

CT UST **U002023038**
N/A

Relative:
Higher

Actual:
498 ft.

UST:

Facility Id:	146-2873
Latitude:	Not reported
Longitude:	Not reported
Owner:	PETROLEUM MARKETERS, INC
Owner Address:	1148 ALLENS AVE.
Owner Address 2:	Not reported
Owner City,St,Zip:	North Grosvenordale, CT
Tank ID:	2873-1
Compartment ID:	2873-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	60000
Substance:	Gasoline
Date Installed:	04/01/1976
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported
Tank ID:	2873-2
Compartment ID:	2873-2
Compartment Num:	1
Alt. Tank ID:	A2
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	6000
Substance:	Gasoline
Date Installed:	04/01/1976
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported
Tank ID:	2873-3
Compartment ID:	2873-3
Compartment Num:	1
Alt. Tank ID:	B3
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	6000

GROVE ST (Continued) **U002023038**

Substance:	Gasoline
Date Installed:	04/01/1976
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	2873-4
Compartment ID:	2873-4
Compartment Num:	1
Alt. Tank ID:	C4
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	6000
Substance:	Gasoline
Date Installed:	04/01/1976
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

Tank ID:	2873-5
Compartment ID:	2873-5
Compartment Num:	1
Alt. Tank ID:	D5
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	550
Substance:	Gasoline
Date Installed:	09/01/1956
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Bare or Galvonized Steel
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

---

40 **CT SPILLS** **S108964512**
NNW **15 PROSPECT STREET** **N/A**
< 1/8 **VERNON, CT**
0.080 mi.
425 ft.

Relative:
Higher

Actual:
486 ft.

SPILLS:

Year of Database:	2008
Case Number:	200800236
Who Took Spill:	205
Assigned To:	938
Report Date:	01/11/2008
Report Time:	17:04:00

(Continued) **S108964512**

Date Release:	01/11/2008
Time Responded:	Not reported
Reported By:	Tony
Phone:	860 6656411
Representing:	cl&p
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	TRANSFORMER OIL
Qty:	2 (Gallons)
Emergency Measure:	PCB's unknown. Update: 19:10 01/11/08 Kelly O'Neil of CL&P 860-234-0499 reports catch basin affected and probable high pcb's-count still unknown and quantity at 2 gal.
Water Body:	n/a
Discharger:	saa
Telephone:	Not reported
Responsible Party:	YES
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2008-01-16 13:48:58
Sr Inspector:	Cox, Michael
At Inspctor:	SCALORA, RICH
User Stamp:	mgranill
Comments:	Not reported
Action:	Contracted
Other Action:	Not reported
Action:	Other
Other Action:	ESI to clean
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Trans/Capac.
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Utility
Other Class:	Not reported
Release Type:	dielect
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	none

41
WNW
< 1/8
0.082 mi.
435 ft.

10 COTTAGE STREET
VERNON, CT

CT SPILLS **S105616196**
N/A

Relative:
Lower

Actual:
446 ft.

SPILLS:

Year of Database:	2002
Case Number:	200206062
Who Took Spill:	207
Assigned To:	0

(Continued) **S105616196**

Report Date:	08/30/2002
Report Time:	20:44:11
Date Release:	08/30/2002
Time Responded:	20:44:00
Reported By:	dispatcher
Phone:	860 8752543
Representing:	vernon fire department
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	GASOLINE
Qty:	2 (Gallons)
Emergency Measure:	speedy dryed
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2002-08-30 20:46:03
Sr Inspector:	Gilmore, Pete
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Other
Other Action:	speedy dryed
Cause ID:	MV Accident
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Transportation
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported

Year of Database:	2013
Case Number:	201300213
Who Took Spill:	205
Assigned To:	0
Report Date:	01/15/2013
Report Time:	14:24:40
Date Release:	01/15/2013
Time Responded:	Not reported
Reported By:	tony
Phone:	860 6656411
Representing:	clp
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	CLOSED
Continuous Spill:	False
Released Substance:	TRANSFORMER OIL
Qty:	0 (Gallons)

(Continued) **S105616196**

Emergency Measure: 2 cups PCB less than 50 ppm by field test
Water Body: n/a
Discharger: saa
Telephone: Not reported
Responsible Party: YES
RP Address 1: Not reported
RP City,St,Zip: CT
Historic: False
Waterbody: False
Time Stamp: 2013-01-15 19:43:31
Sr Inspector: Cox, Michael
At Inspctor: **NO RESPONSE
User Stamp: GuzmanCa
Comments: Not reported
Action: Cleaned
Other Action: Not reported
Agency ID: DEP Dispatch
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: Container Failure
Other Cause: Not reported
Media ID: Ground Surface
Other Media: Not reported
Class ID: Utility
Other Class: Not reported
Release Type: dielect
Other Release: Not reported
Waterbody: Other
Other Wtrbody: none

42
SSW
< 1/8
0.087 mi.
457 ft.

BROOKLYN ST, BETWEEN CHERRY & CEDAR POLE 181
VERNON, CT

CT SPILLS S106502785
N/A

Relative:
Lower

Actual:
477 ft.

SPILLS:
Year of Database: 1999
Case Number: 9908272
Who Took Spill: 914
Assigned To: 0
Report Date: 12/07/1999
Report Time: 14:59:08
Date Release: 12/07/1999
Time Responded: 14:30:00
Reported By: TONY CAMPELLI
Phone: 860 8713555
Representing: CL&P
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: Closed
Continuous Spill: False
Released Substance: TRANSFORMER OIL
Qty: 0.10000000 (Gallons)
Emergency Measure: LEAK FROM BUSHING, SAMPLED
Water Body: N/A

(Continued) **S106502785**

Discharger:	CL&P
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	1999-12-07 15:02:34
Sr Inspector:	Porter, John
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Cleaned
Other Action:	Not reported
Cause ID:	Trans/Capac.
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Utility
Other Class:	Not reported
Release Type:	dielect
Other Release:	Not reported

E43 **RUTH HOLLMAN** **CT LUST** **S105457175**
East **26 PLEASANT ST.** **CT CPCS** **N/A**
< 1/8 **VERNON, CT 06066**
0.103 mi.
544 ft. **Site 1 of 2 in cluster E**

Relative: **Higher**

Actual: **536 ft.**

LUST:

LUST Id:	2308
UST Facility Id:	Not reported
LUST Case Id:	30379
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	1995-02-09 00:00:00
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	2307

RUTH HOLLMAN (Continued) **S105457175**

Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	146
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	True
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	20
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported

RUTH HOLLMAN (Continued) **S105457175**

Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported

RUTH HOLLMAN (Continued) **S105457175**

FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Not reported
Work Performed:	Not reported

CPCS:

Site Type:	LUST
Lust Status:	LUST Completed (DEP's significant hazard definition)
PTP Form:	Not reported
Program:	Not reported
Comments:	Not reported
Site Type Definition:	Leaking Underground Storage Tanks Completed

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44
SW
< 1/8
0.103 mi.
546 ft.

29 BROOKLYN AVENUE
VERNON, CT

CT SPILLS **S105447485**
N/A

Relative:
Lower

Actual:
454 ft.

SPILLS:

Year of Database:	2000
Case Number:	200006971
Who Took Spill:	207
Assigned To:	0
Report Date:	09/17/2000
Report Time:	02:26:00
Date Release:	09/17/2000
Time Responded:	00:26:00
Reported By:	rebecca durant
Phone:	860 8752193
Representing:	Self
Terminated:	YES
Recovd (Total):	100
Total (Water):	0
Facility Status:	closed
Continuous Spill:	False
Released Substance:	MERCURY
Qty:	0 (Gallons)
Emergency Measure:	broken thermometer - CONTAINED
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	CT
Historic:	False
Waterbody:	False
Time Stamp:	2000-09-22 10:44:59
Sr Inspector:	Gilmore, Pete
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Removed
Other Action:	Not reported

(Continued) **S105447485**

Action:	Contained
Other Action:	Not reported
Action:	Cleaned
Other Action:	Not reported
Action:	Other
Other Action:	ADVISED ON CLEAN UP
Cause ID:	Other
Other Cause:	broken thermometer
Media ID:	Inside Building
Other Media:	Not reported
Class ID:	Private
Other Class:	Not reported
Release Type:	chemical
Other Release:	Not reported

E45 **CT SPILLS** **S104103033**
East **29 PLEASANT ST** **N/A**
< 1/8 **ROCKVILLE, CT**
0.112 mi.
590 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
537 ft.

SPILLS:

Year of Database:	1995
Case Number:	711
Who Took Spill:	ACETO
Assigned To:	Not reported
Report Date:	02/08/1995
Report Time:	1024
Date Release:	Not reported
Time Responded:	Not reported
Reported By:	JEFF GERBER
Phone:	Not reported
Representing:	Not reported
Terminated:	Y
Recovd (Total):	.
Total (Water):	.
Facility Status:	Not reported
Continuous Spill:	Not reported
Released Substance:	Not reported
Qty:	15 (Gallons)
Emergency Measure:	Not reported
Water Body:	Not reported
Discharger:	Not reported
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	Not reported
RP City,St,Zip:	Not reported
Historic:	Not reported
Waterbody:	Not reported
Time Stamp:	Not reported
Sr Inspector:	Not reported
At Inspctor:	Not reported
User Stamp:	Not reported
Comments:	Not reported

Year of Database:	1995
Town of Spill:	VERNON
Case Number:	711

(Continued) **S104103033**

OCSRD Inspector: NR
Spill Date: 02/06/95
Spill Time: . .
Report Date: 02/08/95
Report Time: 1024
Reported By: JEFF GERBER
Representing: HOMESTEAD FUEL
Work Telephone: 2038
Home Telephone: Not reported
Telephone Pole#: .
Incident Type: PETROLEUM
Substance: 2 FUEL OIL
Quantity: 15 Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: LINE LEAK DISCOVERED 2/6 UNK LOSS
Water Body: Not reported
Other Media: Not reported
Release Area: Groundwater, Ground Surface
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: RUTH HOFFMAN
Polluted Address: 149 UNION ST
Polluted City,St,Zip: ROCKVILLE, CT 6066
Polluter Phone: .- .- .
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: SOIL REMOVED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: . .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Private
Other Class: Not reported
Cause1: Transfer Line Failure
Other Cause: Not reported
Actions1: Soil Removal
Other Actions: Repaired Line
Cleanup Contractor: Y
Contractor Name: HOMESTEAD FUEL
Did DEP Hire Contractor: No
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: ACETO
Badge # of Who Recieved Spill: 922
Who Assigned Spill: WILLIAMSON

(Continued) **S104103033**

Badge # of Who Assigned Spill: 934
Date Assigned: 02/08/95
Assigned Time: 10:24
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported
Case #2: .
Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported
Property Addr: Not reported
Property CSZ: .
Polluter: Not reported
Owner: Not reported
Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: LINE FAILURE FROM 275 AST TO BURNER LINE RUNS UNDERGROUND FOR 3 MINOR AMT CONTAM SOIL REMOVED LINE REPLACED
Updated: Y
Update Date: 02/08/95

46
SSE
< 1/8
0.124 mi.
655 ft.

19 GROVE ST
VERNON, CT

CT SPILLS **S104033286**
N/A

Relative:
Higher

Actual:
497 ft.

SPILLS:
Year of Database: 1998
Case Number: 9807765
Who Took Spill: 205
Assigned To: 931
Report Date: 11/13/1998
Report Time: 07:45:21
Date Release: 11/13/1998
Time Responded: 07:29:00
Reported By: #2
Phone: 860 8752543
Representing: vernon fire dept
Terminated: YES
Recovd (Total): 0
Total (Water): 0
Facility Status: Closed
Continuous Spill: False
Released Substance: DIESEL FUEL
Qty: 3 (Gallons)
Emergency Measure: sanded
Water Body: unknown
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: CT

(Continued) **S104033286**

Historic:	False
Waterbody:	False
Time Stamp:	1998-11-23 12:08:35
Sr Inspector:	SAMORAJCZYK,JEFF
At Inspctor:	Coss, Brian
User Stamp:	Not reported
Comments:	Not reported
Action:	Sanded
Other Action:	Not reported
Action:	Referred
Other Action:	Not reported
Agency ID:	DEP Dispatch
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Agency ID:	LOCAL FIRE DEPARTMENT
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Fuel Tank Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Release Type:	petroleum
Other Release:	Not reported
Waterbody:	Other
Other Wtrbody:	unknown

---

47 **PAUL ST GERMAIN** **CT UST** **U003518291**
ESE **122 E MAIN ST** **N/A**
1/8-1/4 **VERNON, CT 06066**
0.150 mi.
793 ft.

Relative: UST:
Higher

Facility Id:	146-2865
Latitude:	Not reported
Actual: Longitude:	Not reported
493 ft. Owner:	PAUL ST GERMAIN
Owner Address:	122 E MAIN ST
Owner Address 2:	Not reported
Owner City,St,Zip:	VERNON, CT 060663331
Tank ID:	2865-1
Compartment ID:	2865-1
Compartment Num:	1
Alt. Tank ID:	A1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	3000
Substance:	Gasoline
Date Installed:	01/01/1960
Date Last Used:	Not reported
Closure Status:	**Tank was Removed From Ground**
Pipe Material:	Not reported
Pipe Mode Description:	Not reported
Spill Installed:	Not reported

PAUL ST GERMAIN (Continued) **U003518291**

Overfill Installed: Not reported

F48
West
1/8-1/4
0.194 mi.
1024 ft.

TRES BON DRIVE IN CLEANERS **CT SDADB** **S104563539**
20 EAST MAIN STREET **N/A**
VERNON, CT

Site 1 of 2 in cluster F

Relative:
Lower

Actual:
418 ft.

Site Discovery and Assessment:

Facility ID:	5188
Rem Master ID:	5426
PTP Id:	1941
WPC Number:	Not reported
Postal District:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Determined By:	Not reported
Ground Water Quality Classification:	Not reported
Surface Water Quality Classification:	Not reported
Waste Type:	Not reported
Disposal:	Not reported
Sample Data Available:	False
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	5364
Source of referral:	PTP
Date Received:	4/28/1994
Staff Assigned:	Not reported
Remediation Program:	PTP
Date dt_assigned:	Not reported
Remediation Complete Approved DEP/Verified by LEP:	4/28/1994
Outcome:	PTP
Remedial Id:	Not reported
PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported

TRES BON DRIVE IN CLEANERS (Continued) **S104563539**

Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Comments:	Not reported

F49
West
1/8-1/4
0.194 mi.
1024 ft.

Relative:
Lower

Actual:
418 ft.

TRES-BON DRIVE-IN CLEANERS **CT DRYCLEANERS** **S107541682**
20 E MAIN ST **N/A**
ROCKVILLE, CT

Site 2 of 2 in cluster F

Drycleaners:

Town Number:	187
Reg Code:	Unregistered Equipment
Reg Number:	1
Premises Number:	68
Year of Data:	1990
Description:	DRY CLEANING: PERCHLOROETHYLEN
Owner Name:	TRE-BON DRIVE-IN CLEANERS
Owner Address:	20 E MAIN ST
Owner City,St,Zip:	VERNON, CT 6066

50 North 1/8-1/4 0.198 mi. 1043 ft.

APOLLO PACKAGING
20 MOUNTIAN ST
ROCKVILLE, CT 06066

RCRA NonGen / NLR 1001201499
FINDS CTR000004044
CT SDADB
CT SPILLS
CT CPCS

Relative: Higher

Actual: 527 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/10/2002
Facility name:	APOLLO PACKAGING
Facility address:	20 MOUNTIAN ST ROCKVILLE, CT 06066
EPA ID:	CTR000004044
Mailing address:	UNUIN AVE BRIDGEPORT, CT 06607
Contact:	ROBERT SMITH
Contact address:	20 MOUNTIAN ST ROCKVILLE, CT 06066
Contact country:	US
Contact telephone:	(860) 872-8359
Contact email:	Not reported
EPA Region:	01
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LEONARD KLEINMAN
Owner/operator address:	C O 20 MOUNTAIN ST ROCKVILLE, CT 06066
Owner/operator country:	Not reported
Owner/operator telephone:	(860) 872-8359
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

Historical Generators:

Date form received by agency:	04/14/1997
Site name:	APOLLO PACKAGING
Classification:	Small Quantity Generator

APOLLO PACKAGING (Continued) **1001201499**

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: D006
Waste name: CADMIUM

Waste code: D018
Waste name: BENZENE

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/10/2000
Date achieved compliance: 10/31/2000
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: SR - 262.34(a)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 04/15/1982
Date achieved compliance: 10/31/2000
Violation lead agency: State
Enforcement action: UNILATERAL ORDER, NO PENALTIES
Enforcement action date: 07/27/1988
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: FR - 262.11
Area of violation: Generators - General
Date violation determined: 04/15/1982
Date achieved compliance: 10/31/2000
Violation lead agency: State
Enforcement action: UNILATERAL ORDER, NO PENALTIES
Enforcement action date: 07/27/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

APOLLO PACKAGING (Continued) **1001201499**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/31/2000
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/10/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/31/2000
Evaluation lead agency: State

Evaluation date: 03/10/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - General
Date achieved compliance: 10/31/2000
Evaluation lead agency: State

Evaluation date: 04/15/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/31/2000
Evaluation lead agency: State

Evaluation date: 04/15/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/31/2000
Evaluation lead agency: State

FINDS:

Registry ID: 110002495256

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.

Site Discovery and Assessment:
Facility ID: 5518
Rem Master ID: 5084
PTP Id: 0
WPC Number: Not reported
Postal District: Not reported
Latitude: 0
Longitude: 0
Lat/Long Determined By: Not reported
Ground Water Quality Classification: GB

APOLLO PACKAGING (Continued) **1001201499**

Surface Water Quality Classification:	A
Waste Type:	HYDRO/OIL
Disposal:	SPILL/DUMP
Sample Data Available:	True
Updated By:	HAMEL, M.
Update Program:	PTP
Updated:	4/11/2000
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	5696
Source of referral:	PTP
Date Received:	2/25/2000
Staff Assigned:	HAMEL, M.
Remediation Program:	PTP
Date dt_assigned:	2/25/2000
Remediation Complete Approved DEP/Verified by LEP:	7/10/2000
Outcome:	PTP
Remedial Id:	642
PTP Id:	0
Remediation Program:	PTP
Remediation Program Entered:	Not reported
Staff Assigned:	HAMEL, M.
Remediation Program:	PTP
Date dt_assign:	Not reported
Project Phase:	3
Order issued:	False
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	False
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported

APOLLO PACKAGING (Continued) **1001201499**

Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Comments:	Not reported

SDADB:

Waste Id:	11
Waste Type:	HYDRO/OIL
Description:	Hydrocarbons and/or Fuel Oil

SPILLS:

Year of Database:	2001
Case Number:	200102505
Who Took Spill:	918
Assigned To:	931
Report Date:	04/19/2001
Report Time:	08:57:23
Date Release:	04/04/2001
Time Responded:	Not reported
Reported By:	VERNON DEPT OF HEALTH
Phone:	860 8721501
Representing:	Self
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	UNKNOWN OIL
Qty:	0 (Gallons)
Emergency Measure:	REPT'D BY VERNON HEALTH DEPT. TO BE OIL LEAKING FROM A REFRIGERATED TRAILER PARKED IN PARKING LOT OF THE ABOVE ADDRESS AND FLOWING TOWARD SURFACE WATER DRAIN 20' AWAY.
Water Body:	NA
Discharger:	L&B REALTY LLC
Telephone:	Not reported
Responsible Party:	Not reported
RP Address 1:	62 CARROLL AVE
RP City,St,Zip:	BRIDGEPORT, CT 06602
Historic:	False
Waterbody:	False
Time Stamp:	2003-06-27 12:31:38
Sr Inspector:	LECLERC, KEN
At Inspctor:	Coss, Brian
User Stamp:	Not reported
Comments:	Not reported
Agency ID:	DEP

APOLLO PACKAGING (Continued) **1001201499**

Other Agency: Not reported
DEP Bureau: BUREAU OF WASTE MANAGEMENT
DEP Agency: OIL AND CHEMICAL SPILL RESPONSE
Agency ID: Other
Other Agency: LOCAL HEALTH DEPT.
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: Other
Other Cause: UNKNOWN
Media ID: Ground Surface
Other Media: Not reported
Class ID: Commercial
Other Class: Not reported
Release Type: petroleum
Other Release: Not reported

CPCS:
Site Type: Projects
Lust Status: Not reported
PTP Form: III
Program: Property Transfer Program
Comments: Projects
Site Type Definition: Property Transfer Form III

51
WSW
1/8-1/4
0.209 mi.
1106 ft.

114 BROOKLYN ST
VERNON ROCKVILLE, CT 06066

EDR US Hist Cleaners **1014977651**
N/A

Relative:
Lower

Actual:
403 ft.

EDR Historical Cleaners:
Name: SERVICEMASTER ADVANCED CLEANING
Year: 1999
Address: 114 BROOKLYN ST

Name: SERVICEMASTER ADVANCED CLEANING
Year: 2000
Address: 114 BROOKLYN ST

52
WNW
1/8-1/4
0.239 mi.
1260 ft.

TALCOTTVILLE SCHOOL
MAIN ST
VERNON, CT

CT UST **U002173110**
N/A

Relative:
Lower

Actual:
438 ft.

UST:
Facility Id: 146-3039
Latitude: Not reported
Longitude: Not reported
Owner: VERNON BOARD OF EDUCATION
Owner Address: 30 PARK ST
Owner Address 2: Not reported
Owner City,St,Zip: VERNON, CT 060663244

Tank ID: 3039-1
Compartment ID: 3039-1

TALCOTTVILLE SCHOOL (Continued) **U002173110**

Compartment Num:	1
Alt. Tank ID:	1
Tank Status:	**Permanently Closed**
Tank Material:	Asphalt Coated or Bare Steel
Secondary Material:	Not reported
Capacity:	1000
Substance:	Gasoline
Date Installed:	01/01/1950
Date Last Used:	08/01/1982
Closure Status:	**Tank Filled with Inert Material**
Pipe Material:	Not reported
Pipe Mode Description:	Not reported
Spill Installed:	Not reported
Overfill Installed:	Not reported

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53 **SNET** **CT SDADB** **S104563399**
West **33 (35) ELM STREET** **CT PROPERTY** **N/A**
1/4-1/2 **VERNON, CT**
0.331 mi.
1748 ft.

Relative:
Lower

Actual:
443 ft.

Site Discovery and Assessment:

Facility ID:	4921
Rem Master ID:	5183
PTP Id:	2939
WPC Number:	Not reported
Postal District:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Determined By:	Not reported
Ground Water Quality Classification:	Not reported
Surface Water Quality Classification:	Not reported
Waste Type:	Not reported
Disposal:	Not reported
Sample Data Available:	False
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	5091
Source of referral:	PTP
Date Received:	11/4/1998
Staff Assigned:	Not reported
Remediation Program:	PTP

SNET (Continued) **S104563399**

Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: 11/4/1998
Outcome: PTP
Remedial Id: Not reported
PTP Id: Not reported
Remediation Program: Not reported
Remediation Program Entered: Not reported
Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assign: Not reported
Project Phase: Not reported
Order issued: Not reported
Order Number: Not reported
Date order issued: Not reported
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported
Remedial Design Start: Not reported
Remedial Design complet: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Oper/ maintenance Started: Not reported
GW monitoring: Not reported
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: Not reported
Order Number: Not reported
Date order issued: Not reported
Staff Assigned: Not reported
Type of Order: Not reported
Order Respondent: Not reported
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Order Modified: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AGR judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: Not reported
Comments: Not reported

CT Property:
Seller Name: SNET
Buyer Name: SBC Communications Inc.
Certifying Party: SNET/Donald Shassian
Certifying Attention Person: Not reported
Title Of Certifying Person: Not reported
Certifying Person Address: Not reported
Certifying Person City,St,Zip: Not reported
Property Transfer Forms: Form I (DEP-PERD-PTP-201) when no release of hazardous waste has occurred at the parcel being transferred.
Date Recieved: 11/04/1998
Ackn Date: 01/14/1999

SNET (Continued) **S104563399**

Determination Date:	Not reported
LEP Verified/DEP Approval Date:	Not reported
Rem Id:	4004
Remediation Location Id:	6420
Date Entered:	Not reported
Program:	Property Transfer Program
GAO Site:	False
Staff Full Name:	Not reported
Super/Date:	Not reported
Stage Of Project:	Not reported
RP Level Of Activity:	Not reported
RP Needed Level Of Activity:	Not reported
Staff Level Of Activity:	Not reported
Staff Needed Level Of Activity:	Not reported
Public Intrest:	Not reported
PRP Cooperation:	Not reported
Enforcement Status:	Not reported
Level Of Complexity:	Not reported
Complex Eng Or Sci:	False
Complex Due To Public Involvement:	False
Politically Complex:	False
Complex Enforcement:	False
Coordination With Other Bureaus:	False
EPA Involvement:	False
Staff Prefrence:	Not reported
Readiness For Transfer:	Not reported
Project Transfer Time:	Not reported
Transfer Comments:	Not reported
Staff As Of July 2000:	Not reported
Initial Staff:	Not reported
Type Of Transfer:	Not reported
Salutation:	Not reported
Relationship To Transfer:	transferor
Audit Date:	Not reported
Verif Type:	Not reported
Audit Outcome:	Not reported
GW:	Not reported
Basin:	Not reported
1st Payment:	200
Pay Tag1:	Not reported
2nd Payment:	Not reported
Pay Tag2:	Not reported
RTN:	Not reported
Revised:	Not reported
ECAF Received:	Not reported
Old Determination Date:	Not reported
Redeterminationdate:	Not reported
Previous Determination:	Not reported
Monitoringoption:	Not reported
Postremedialmonitoring:	Not reported
Schedule Of I/R:	Not reported
Schedule Overdue:	Not reported
Aprvl Sched:	Not reported
Yr 1 Report:	Not reported
Yr 2 Report:	Not reported
Report Overdue:	Not reported
Ext Aprvl Sched:	Not reported

SNET (Continued) **S104563399**

License #:	Not reported
Project Phase:	Not reported
PT Comments:	Not reported
EPA Id Number:	Not reported
GW Class:	Not reported
SW Class:	Not reported
AO/C0:	Not reported
Water Lead(Y Or N):	Not reported
Priority:	Not reported
Project Status(A, I Or D):	Not reported
Last Updated:	Not reported
SR Comments:	Not reported
Priority Or Work-Load:	Not reported
Status:	Not reported
Notes:	Not reported
Special Project Name:	Not reported
Special Project Comments:	Not reported
DOT Project:	Not reported
Pt Counter:	Not reported
Project Complete:	False
Project Inactive:	False
Int Deposit #:	Not reported
Deposit #:	Not reported
Spill Case #:	Not reported
Diversion Id:	Not reported
Public Notice:	Not reported
RAP Received:	Not reported
RAP Approved:	Not reported
Compliance Category:	Not reported
Delete Record:	False
ECAF Reviewed By:	Not reported
Not Locatable:	False
Primary Address:	True
AKA Site Name:	False
Primary Site Name:	True
AKA Site Address:	False
Lead:	Not reported

54
East
1/4-1/2
0.338 mi.
1787 ft.

GUNTER REICHL
168 EAST MAIN STREET
VERNON, CT 06066

CT LUST **S104311032**
CT SPILLS **N/A**
CT CPCS

Relative:
Higher

Actual:
495 ft.

LUST:

LUST Id:	8528
UST Facility Id:	Not reported
LUST Case Id:	36554
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False

GUNTER REICHL (Continued) **S104311032**

Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	1999-07-13 00:00:00
Entry Date:	Not reported
Site Case Id:	9904580
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	8709
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	146
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	True
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	True
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported

GUNTER REICHL (Continued) **S104311032**

Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	35
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False

GUNTER REICHL (Continued) **S104311032**

DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	unknown size, Heating Oil, PRIVATE, REMOVED 23.92 TONS OF CONTAMINATED SOIL - NO FREE PRODUCT - DONALD MAGUDA INSTALLED PASSIVE VENT SYSTEM ON WALL BACKFILLED
Work Performed:	Not reported

SPILLS:

Year of Database:	1999
Case Number:	9904580
Who Took Spill:	916
Assigned To:	0
Report Date:	07/13/1999
Report Time:	12:30:00
Date Release:	07/08/1999
Time Responded:	Not reported
Reported By:	DAVID UPTON
Phone:	860 6463348
Representing:	TANKWORKS
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	#2 FUEL OIL
Qty:	0 (Gallons)
Emergency Measure:	REMOVED 23.92 TONS OF CONTAMINATED SOIL - NO FREE PRODUCT - DONALD MAGUDA INSTALLED PASSIVE VENT SYSTEM ON WALL BACKFILLED
Water Body:	Not reported
Discharger:	GUNTER REICHL
Telephone:	860 6499848
Responsible Party:	YES
RP Address 1:	100 HIGHLAND STREET
RP City,St,Zip:	MANCHESTER, CT 06040
Historic:	False
Waterbody:	False
Time Stamp:	1999-07-13 12:32:49
Sr Inspector:	Stavola, Rosanne
At Inspctor:	**NO RESPONSE

GUNTER REICHL (Continued) **S104311032**

User Stamp:	Not reported
Comments:	Not reported
Action:	Contained
Other Action:	Not reported
Action:	Pumped Out
Other Action:	Not reported
Action:	Removed Tank
Other Action:	Not reported
Action:	Soil Removed
Other Action:	Not reported
Agency ID:	Local Fire Marshal
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Inground Tank Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Class ID:	Private
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported

CPCS:

Site Type:	LUST
Lust Status:	LUST Completed (DEP's significant hazard definition)
PTP Form:	Not reported
Program:	Not reported
Comments:	Unknown Size, Heating Oil, Private, Removed 23.92 Tons Of Contaminated Soil - No Free Product - Donald Maguda Installed Passive Vent System On Wall Backfilled
Site Type Definition:	Leaking Underground Storage Tanks Completed

---

55 **GRACE BIBLE BAPTIST CHURCH** **CT LUST** **S105443364**
WNW **85 PROSPECT ST.** **CT SPILLS** **N/A**
1/4-1/2 **VERNON, CT 06066** **CT CPCS**
0.404 mi.
2131 ft.

Relative:
Lower

Actual:
443 ft.

LUST:

LUST Id:	9197
UST Facility Id:	Not reported
LUST Case Id:	37223
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False

GRACE BIBLE BAPTIST CHURCH (Continued) **S105443364**

Incident Date:	1999-03-03 00:00:00
Entry Date:	Not reported
Site Case Id:	9901407
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	9378
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	146
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	False
Commercial Heating Fuel:	True
Commercial HF < 2100 Gal.:	True
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	True
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported

GRACE BIBLE BAPTIST CHURCH (Continued) **S105443364**

Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	35
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported

GRACE BIBLE BAPTIST CHURCH (Continued) **S105443364**

Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	1000, Heating Oil, PRIVATE, 1000 lust pulled , minor contamination , 20 tons removed
Work Performed:	Not reported

SPILLS:

Year of Database:	1999
Case Number:	9901407
Who Took Spill:	933
Assigned To:	0
Report Date:	03/03/1999
Report Time:	15:00:10
Date Release:	03/03/1999
Time Responded:	Not reported
Reported By:	david upton
Phone:	860 6463348
Representing:	tank works
Terminated:	YES
Recovd (Total):	0
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	#2 FUEL OIL
Qty:	0 (Gallons)
Emergency Measure:	1000 lust pulled , minor contamination , 20 tons removed
Water Body:	Not reported
Discharger:	grace bible baptist church
Telephone:	860 8723831
Responsible Party:	YES
RP Address 1:	85 prospect st
RP City,St,Zip:	VERNON, CT 06066
Historic:	False
Waterbody:	False
Time Stamp:	1999-03-11 12:42:09
Sr Inspector:	Santacroce, Jim
At Inspctor:	**NO RESPONSE
User Stamp:	Not reported
Comments:	Not reported
Action:	Test Wells
Other Action:	Not reported
Action:	Removed Tank
Other Action:	Not reported

GRACE BIBLE BAPTIST CHURCH (Continued) **S105443364**

Action:	Soil Removed
Other Action:	Not reported
Agency ID:	Local Fire Marshal
Other Agency:	Not reported
DEP Bureau:	Not reported
DEP Agency:	Not reported
Cause ID:	Inground Tank Failure
Other Cause:	Not reported
Media ID:	Ground Surface
Other Media:	Not reported
Media ID:	Other
Other Media:	tank grave
Class ID:	Private
Other Class:	Not reported
Release Type:	petroleum
Other Release:	Not reported

CPCS:

Site Type:	LUST
Lust Status:	LUST Completed (DEP's significant hazard definition)
PTP Form:	Not reported
Program:	Not reported
Comments:	1000, Heating Oil, Private, 1000 Lust Pulled , Minor Contamination , 20 Tons Removed
Site Type Definition:	Leaking Underground Storage Tanks Completed

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G56 **BURTON PHELPS** **CT LUST** **S103701249**
NE **1 UPPER BUTCHER RD.** **CT SPILLS** **N/A**
1/4-1/2 **VERNON, CT 06066**
0.457 mi.
2413 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
575 ft.

LUST:

LUST Id:	1155
UST Facility Id:	Not reported
LUST Case Id:	29264
Lust Status:	Lust Completed
Processing Status:	Not reported
EPA Reportable:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	1995-05-11 00:00:00
Entry Date:	Not reported
Site Case Id:	Not reported
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported

BURTON PHELPS (Continued) **S103701249**

Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	1154
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	146
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	True
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSRD Complete:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	4
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported

BURTON PHELPS (Continued) **S103701249**

Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported

BURTON PHELPS (Continued) **S103701249**

User Stamp: Not reported
Date Stamp: Not reported
Correspondence: Not reported
Environmental Impact: Not reported
FollowUp: Not reported
GW Comments: Not reported
Location Desc: Not reported
NOV Comments: Not reported
Release Desc: Not reported
Running Comments: Not reported
Work Performed: Not reported

SPILLS:
Year of Database: 1995
Case Number: 2529
Who Took Spill: CIASULLO
Assigned To: Not reported
Report Date: 05/12/1995
Report Time: 1028
Date Release: Not reported
Time Responded: Not reported
Reported By: JEFF GERBER
Phone: Not reported
Representing: Not reported
Terminated: Y
Recovd (Total): .
Total (Water): .
Facility Status: Not reported
Continuous Spill: Not reported
Released Substance: Not reported
Qty: . (Gallons)
Emergency Measure: Not reported
Water Body: Not reported
Discharger: Not reported
Telephone: Not reported
Responsible Party: Not reported
RP Address 1: Not reported
RP City,St,Zip: Not reported
Historic: Not reported
Waterbody: Not reported
Time Stamp: Not reported
Sr Inspector: Not reported
At Inspctor: Not reported
User Stamp: Not reported
Comments: Not reported

Year of Database: 1995
Town of Spill: VERNON
Case Number: 2529
OCSRD Inspector: NR
Spill Date: 05/12/95
Spill Time: . .
Report Date: 05/12/95
Report Time: 1028
Reported By: JEFF GERBER
Representing: HOMESTEAD OIL
Work Telephone: 2038

BURTON PHELPS (Continued) **S103701249**

Home Telephone: Not reported
Telephone Pole#: .
Incident Type: PETROLEUM
Substance: 2 FUEL OIL
Quantity: . Gallon(s)
Concentration: .
Action Desc: Not reported
On Going: Not reported
Continuous Spill: Not reported
Release Status: Terminated, Contained
Misc Info: TRANSFER LINE UNDER CONCRETE FLOOR LEAKED MINOR AMT FUEL LINE REPLACED
Water Body: Not reported
Other Media: Not reported
Release Area: Ground Surface
Total (Water): .
Recovd (Water): .
Recovd (Total): .
Polluter Name: BURTON PHELPS
Polluted Address: 1 UPPER BUTCHER RD
Polluted City,St,Zip: VERNON, CT 6066
Polluter Phone: 203-875-4177
Polluter Responisbility: Polluter accepts financial reponsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Action: LINE CHANGED
Dun and Bradst#: Not reported
UST Unit: Not reported
Agency Notified: Not reported
State Agency: Not reported
Notify Date: .
Notify Time: .
Other Agency: Not reported
Notify Other: Not reported
Notify Status: Not reported
Class1: Private
Other Class: Not reported
Cause1: Transfer Line Failure
Other Cause: Not reported
Actions1: Repaired Line
Other Actions: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: .
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: CIASULLO
Badge # of Who Recieved Spill: 912
Who Assigned Spill: WILLIAMSON/NR
Badge # of Who Assigned Spill: .
Date Assigned: .
Assigned Time: Not reported
Spill Status: Closed
Case 1136: Not reported
Federal 311K: .
Case #1: Not reported

BURTON PHELPS (Continued) **S103701249**

Case #2: .
Cost Recovery: .
Property Owner: Not reported
Property Other: .
Property Name: Not reported
Property Addr: Not reported
Property CSZ: .
Polluter: Not reported
Owner: Not reported
Operator: Not reported
Vehicle Make: Not reported
Vehicle Model: Not reported
Truck Reg: Not reported
Trail Reg: Not reported
Additional Info: Not reported
Updated: Not reported
Update Date: .

G57 **BURTON PHELPS** **CT CPCS** **S105456581**
NE **1 UPPER BUTCHER RD.** **N/A**
1/4-1/2 **VERNON, CT 06066**
0.457 mi.
2413 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
575 ft.

CPCS:
Site Type: LUST
Lust Status: LUST Completed (DEP's significant hazard definition)
PTP Form: Not reported
Program: Not reported
Comments: Not reported
Site Type Definition: Leaking Underground Storage Tanks Completed

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58 **N. E. WOODCRAFTING CO.** **CT SHWS** **S104255275**
South **1135 HARTFORD TURNPIKE** **CT SDADB** **N/A**
1/2-1 **VERNON, CT 06066** **CT PROPERTY**
0.913 mi. **CT CPCS**
4818 ft.

Relative:
Higher

Actual:
563 ft.

SHWS:
State ID: 474
PTP Id Number: Not reported
WPC Number: Not reported
EPA ID: CTD062208053
PO Office: Not reported
Lat/Long: 41.8553/-72.4419
Location Method: UNK
Groundwater Class: Not reported
Surface Water Qualification: Not reported
Waste Category: SOLVENTS
Disposal Method: DRY WELL
Sample: False
Other Dept of Env. Protection: Not reported
Updated By: BOBOWICZ, H. A.
Update Program: FPRE
Date Updated: 5/11/1992
Duplicate: False

N. E. WOODCRAFTING CO. (Continued) **S104255275**

Program:	SUPERFUND
Inventory Date:	7/6/1987
On Inventory:	True
Assessed:	True
87 Group:	EN
87 Origin:	INVENTORY
On 87:	True
Comments:	DISCHARGE CEASED 1975.

Site Discovery and Assessment:

Facility ID:	474
Rem Master ID:	540
PTP Id:	Not reported
WPC Number:	Not reported
Postal District:	Not reported
Latitude:	41.8553
Longitude:	-72.4419
Lat/Long Determined By:	UNK
Ground Water Quality Classification:	Not reported
Surface Water Quality Classification:	Not reported
Waste Type:	SOLVENTS
Disposal:	DRY WELL
Sample Data Available:	False
Updated By:	BOBOWICZ, H. A.
Update Program:	FPRE
Updated:	5/11/1992
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	True
Site Archived from CERCLIS:	False
Archive Date:	Not reported
EPA's Removal at Site:	False
Deferred to another EPA Program:	False
EPA Env Priority Initiative Site:	False
Federal Facility:	False
Site on EPA's National Priority List:	False
Part of an NPL site:	False
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	465
Source of referral:	SUPERFUND
Date Received:	7/6/1987
Staff Assigned:	DEP
Remediation Program:	SUPERFUND
Date dt_assigned:	7/6/1987
Remediation Complete Approved DEP/Verified by LEP:	7/6/1987
Outcome:	INVENTORY
Remedial Id:	Not reported
PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported

N. E. WOODCRAFTING CO. (Continued) **S104255275**

Order issued: Not reported
Order Number: Not reported
Date order issued: Not reported
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported
Remedial Design Start: Not reported
Remedial Design complet: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Oper/ maintenance Started: Not reported
GW monitoring: Not reported
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: Not reported
Order Number: Not reported
Date order issued: Not reported
Staff Assigned: Not reported
Type of Order: Not reported
Order Respondent: Not reported
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Order Modified: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AGR judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: Not reported
Comments: Not reported

SDADB:
Waste Id: 22
Waste Type: SOLVENTS
Description: Solvents

CT Property:
Seller Name: Arthur and Elizabeth Tinson
Buyer Name: Nicholas and Elizabeth Tinson
Certifying Party: New England Woodcrafting Co.
Certifying Attention Person: Arthur G. Tinson
Title Of Certifying Person: Sole Proprietor
Certifying Person Address: 184 Merline Road
Certifying Person City,St,Zip: Vernon, CT 06066
Property Transfer Forms: Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form

N. E. WOODCRAFTING CO. (Continued) **S104255275**

	(ECAF)(DEP-PERD-PTP-200).
Date Recieved:	09/19/2003
Ackn Date:	10/03/2003
Determination Date:	04/30/2004
LEP Verified/DEP Approval Date:	Not reported
Rem Id:	5859
Remediation Location Id:	154
Date Entered:	Not reported
Program:	Property Transfer Program
GAO Site:	True
Staff Full Name:	Not reported
Super/Date:	10/07/2003
Stage Of Project:	Not reported
RP Level Of Activity:	Not reported
RP Needed Level Of Activity:	Not reported
Staff Level Of Activity:	Not reported
Staff Needed Level Of Activity:	Not reported
Public Intrest:	Not reported
PRP Cooperation:	Not reported
Enforcement Status:	Not reported
Level Of Complexity:	Not reported
Complex Eng Or Sci:	False
Complex Due To Public Involvement:	False
Politically Complex:	False
Complex Enforcement:	False
Coordination With Other Bureaus:	False
EPA Involvement:	False
Staff Prefrence:	Not reported
Readiness For Transfer:	Not reported
Project Transfer Time:	Not reported
Transfer Comments:	Not reported
Staff As Of July 2000:	Not reported
Initial Staff:	Not reported
Type Of Transfer:	real estate
Salutation:	Mr. Tinson
Relationship To Transfer:	transferor
Audit Date:	Not reported
Verif Type:	Not reported
Audit Outcome:	Not reported
GW:	GAA
Basin:	Not reported
1st Payment:	3000
Pay Tag1:	4002
2nd Payment:	Not reported
Pay Tag2:	Not reported
RTN:	Not reported
Revised:	Not reported
ECAF Received:	Not reported
Old Determination Date:	Not reported
Redeterminationdate:	Not reported
Previous Determination:	Not reported
Monitoringoption:	Not reported
Postremedialmonitoring:	Not reported
Schedule Of I/R:	2004-05-25 00:00:00
Schedule Overdue:	Not reported
Aprvl Sched:	Not reported
Yr 1 Report:	Not reported

N. E. WOODCRAFTING CO. (Continued) **S104255275**

Yr 2 Report:	Not reported
Report Overdue:	Not reported
Ext Aprvl Sched:	Not reported
License #:	Not reported
Project Phase:	Not reported
PT Comments:	Not reported
EPA Id Number:	Not reported
GW Class:	Not reported
SW Class:	Not reported
AO/C0:	Not reported
Water Lead(Y Or N):	Not reported
Priority:	Not reported
Project Status(A, I Or D):	Not reported
Last Updated:	Not reported
SR Comments:	Not reported
Priority Or Work-Load:	Not reported
Status:	Not reported
Notes:	Not reported
Special Project Name:	Not reported
Special Project Comments:	Not reported
DOT Project:	Not reported
Pt Counter:	0
Project Complete:	False
Project Inactive:	False
Int Deposit #:	04-75
Deposit #:	Not reported
Spill Case #:	Not reported
Diversion Id:	0
Public Notice:	Not reported
RAP Received:	Not reported
RAP Approved:	Not reported
Compliance Category:	A
Delete Record:	False
ECAF Reviewed By:	Michelle Bedson
Not Locatable:	False
Primary Address:	False
AKA Site Name:	False
Primary Site Name:	True
AKA Site Address:	False
Lead:	LEP

CPCS:

Site Type:	Sites
Lust Status:	Not reported
PTP Form:	Not reported
Program:	-1
Comments:	Discharge Ceased 1975.
Site Type Definition:	Inventory of Hazardous Waste Disposal Sites

Count: 29 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CANTON	S113475875	KENT CLEANERS	ROUTE 44	06066	CT MANIFEST
ELLINGTON	S110775870	REFUSE GARDENS	ROUTE 140 (SADDS MILL ROAD)	06029	CT CPCS
ELLINGTON	S113478511	ELLINGTON AIRPARK	RTE 83	06029	CT MANIFEST
ELLINGTON	S106401666	ELLINGTON SUNOCO	RTE 83	06029	CT LUST, CT CPCS
ELLINGTON	S106401665	ELLINGTON AGWAY	RTE 83	06029	CT LUST, CT SPILLS, CT CPCS
ELLINGTON	S104253774	CORBIN-GENTRY INC.	ROUTE 83	06029	CT SDADB
ELLINGTON	S109737667	TRANSTEK INC	RTE 85 ELLINGTON INDUSTRIAL PK	06029	CT MANIFEST
ROCKVILLE	S111285575	CLYDE CHEVROLET BUICK, INC.	808 TALCOTTVILLE ROAD (WINDSOR	06066	CT LUST
TALCOTTVILLE	S109729471	MANCHESTER PLYMOUTH INC	RTE 83	06066	CT MANIFEST
TALCOTTVILLE	1000170563	MANCHESTER CHRYSLER PLYMOUTH INC	RTE 83	06066	RCRA NonGen / NLR
TOLLAND	S113478318	CT STATE OF DOT	RTE 195 OVER I 84	06084	CT MANIFEST
TOLLAND	S105935621	TOLLAND GETTY	RTE 195 & GOOSE LA	06084	CT LUST, CT CPCS
TOLLAND	S109737369	PHILLIPS CHEVEROW	RTE 30	06084	CT MANIFEST
TOLLAND	S109728312	STANDARD REGISTER	RTE 30	06084	CT MANIFEST
TOLLAND	S109728308	BURROUGHS CORP	ROUTE 30	06084	CT MANIFEST
TOLLAND	S109795652	BILLS AUTO PARTS	RTE 74	06084	CT MANIFEST
TOLLAND	1001967759	BILLS AUTO PARTS	RTE 74	06084	RCRA-CESQG
TOLLAND	S109739121	TIMBERLINE SPORT SHOP	COLONIAL SQUARE - RTE 30	06084	CT MANIFEST
TOLLAND COUNTY	M300003414	BECKER CONSTRUCTION CO.	ROUTE 32 PLANT		US MINES
VERNON	S109741453	VERNON TOWN OF DPW (TOWN GARAGE)	RTE 30	06066	CT MANIFEST
VERNON	S109735436	CONNECTICUT LIGHT & POWER CO	ROUTE 30	06066	CT MANIFEST
VERNON	S102414230	GEORGETOWN COMMONS APTS.	RTE. 30	06066	CT LUST, CT CPCS
VERNON	S102414228	GEORGETOWN COMMONS	RTE. 30	06066	CT LUST, CT CPCS
VERNON	S109739742	CT STATE OF DOT	RTE 74 & 31	06066	CT MANIFEST
VERNON	S113474627	SAMUEL LTD	RTE 83	06066	CT MANIFEST
VERNON	S113474406	CLYDE CHEVROLET	RTE 83	06066	CT MANIFEST
VERNON	S113474405	CLYDE BODY SHOP	RTE 83	06066	CT MANIFEST
VERNON	S109737525	MOBIL GAS STATION	RTE 83 - VERNON CIRCLE	06066	CT MANIFEST
VERNON	1004681198	LIPMAN VOLKSWAGEN INC	RTE 83	06066	RCRA NonGen / NLR

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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
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 Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/07/2014
Next Scheduled EDR Contact: 01/19/2015
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/23/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
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: 06/23/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
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: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 18

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inventory of Hazardous Disposal Sites

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: 04/23/2010
Date Data Arrived at EDR: 04/23/2010
Date Made Active in Reports: 05/25/2010
Number of Days to Update: 32

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SDADB: Site Discovery and Assessment Database

All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed or sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/23/2010
Date Made Active in Reports: 05/25/2010
Number of Days to Update: 32

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: No Update Planned

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

SWF/LF: List of Landfills/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.

Date of Government Version: 08/14/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3366
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

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.

Date of Government Version: 09/09/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 09/30/2014
Number of Days to Update: 11

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 07/07/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/22/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/20/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Data
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: 06/03/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 07/02/2014
Number of Days to Update: 28

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

AST: Marine Terminals and Tank Information
A listing of bulk petroleum facilities that receive petroleum by a vessel.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/07/2014
Date Made Active in Reports: 07/08/2014
Number of Days to Update: 1

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3233
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

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: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 25

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Semi-Annually

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: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

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: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Listing

An Engineered Control is a permanent physical structure designed to safely isolate pollutants which would otherwise not comply with the self-implementing remedial options allowed in the Connecticut Remediation Standard Regulations (RSRs). The ECGD includes a description of what is eligible to be considered as an Engineered Control under section 22a-133k-2(f)(2) of the RSRs, a description of the information necessary for the preparation of complete and approvable applications, a step-by-step outline of the review and approval process, and supplemental resources provided in the appendices.

Date of Government Version: 03/05/2013
Date Data Arrived at EDR: 05/07/2013
Date Made Active in Reports: 06/19/2013
Number of Days to Update: 43

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3000
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

AUL: ELUR Sites

Environmental Land Use Restriction sites.

Date of Government Version: 07/29/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 09/11/2014
Number of Days to Update: 27

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3912
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Remediation Sites
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 05/30/2014
Number of Days to Update: 2

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 05/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 45

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Inventory
CBRA has identified over 200 brownfield sites eligible for redevelopment. In most cases these are prime properties for commercial or industrial use. CBRA's grants, assistance and financing lower the financial risks and eliminate the legal, regulatory and environmental risks of redevelopment.

Date of Government Version: 09/24/2014
Date Data Arrived at EDR: 09/25/2014
Date Made Active in Reports: 09/30/2014
Number of Days to Update: 5

Source: Connecticut Brownfields Redevelopment Authority
Telephone: 860-258-7833
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Inventory
A brownfield site is generally defined as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminanta?|"

Date of Government Version: 11/30/2004
Date Data Arrived at EDR: 06/26/2009
Date Made Active in Reports: 07/09/2009
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2014
Next Scheduled EDR Contact: 01/05/2015
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: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities
A listing of recycling facilities.

Date of Government Version: 02/14/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/26/2014
Number of Days to Update: 29

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3223
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
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: 08/01/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

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: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations included in the Spills database.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3361
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
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: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of environmental liens placed by the Cost Recovery Program.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 06/03/2014
Number of Days to Update: 11

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3120
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

CT PROPERTY: Property Transfer Filings
A listing of sites that meet the definition of a hazardous waste establishment. They can be generators, dry cleaners, furniture strippers, etc. These sites have been sold to another owner.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 05/30/2014
Number of Days to Update: 2

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Semi-Annually

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: 06/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 79

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

SPILLS: Oil & Chemical Spill Database
Oil and Chemical Spill Data.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3024
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: 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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
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: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

US 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: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

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: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
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: 07/07/2014
Date Data Arrived at EDR: 07/10/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

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.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Biennially

LWDS: Connecticut Leachate and Wastewater Discharge Sites

The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

Date of Government Version: 07/17/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 10/30/2009
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

Date of Government Version: 07/18/2008
Date Data Arrived at EDR: 08/08/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 19

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3026
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Case Listing
The types of enforcement actions included are administrative consent orders, final unilateral orders and final dispositions of civil cases through the Attorney General's Office.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/25/2014
Date Made Active in Reports: 09/11/2014
Number of Days to Update: 48

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3265
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

NPDES: Wastewater Permit Listing
A listing of permits issued by the DEP.

Date of Government Version: 07/14/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 6

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3832
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

AIRS: Permitted Air Sources Listing
A listing of permitted air sources in Connecticut.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 16

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3026
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

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: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

SEH: List of Significant Environmental Hazards Report to DEEP

The Significant Environmental Hazard Statute is intended to identify and abate short-term risks associated with specific environmental conditions identified in the statute. After abatement of short-term risks (meaning abatement of the significant environmental hazard condition), there may still be potential long-term risks associated with the release. However, a significant environmental hazard can be considered abated under the statute even though potential long-term risks may not have been addressed.

Date of Government Version: 05/31/2014
Date Data Arrived at EDR: 07/25/2014
Date Made Active in Reports: 09/11/2014
Number of Days to Update: 48

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3766
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated 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.

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: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

Financial Assurance 1: Financial Assurance Information Listing
A listing containing RCRA financial assurance information submitted on behalf of the CT DEP's Program Analysis Group of the Waste Engineering and Enforcement Division.

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 8

Source: Department of Energy & Environmental Protection
Telephone: 860-418-5930
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
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: 03/14/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 47

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 25

Source: Department of Energy & Environmental Protection
Telephone: 860-418-5930
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
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: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

CPCS: Contaminated or Potentially Contaminated Sites

A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 03/26/2014
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3766
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Energy & Environmental Protection formerly know as the DEP which changes in July 2011 in Connecticut.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Energy & Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Energy & Environmental Protection formerly know as the DEP which changes in July 2011 in Connecticut.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Energy & Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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.

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
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: 05/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
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.

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: Licensed Child Care Facilities
Source: Department of Public Health
Telephone: 860-509-8045

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Soils
Source: Department of Environmental Protection
Telephone: 860-871-4047

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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FUSS & O'NEILL

Appendix D

State File Information

STATE OF CONNECTICUT
WATER RESOURCES COMMISSION

Form P-5

Name of company Albi Mfg.	Town [illegible] Location on Map 021
Division of Cities Service	Village [illegible]
Mailing Address	Rec. Stream — Watershed H.
12 East Main St.	Contact [illegible]
[illegible]	Type of Problem Serious Routine Minor None
Date Established 1951	No. of Emp. [illegible] 1 21 [illegible]
Date of Last Ex. —	Report by [illegible] Date 9/24/72

Products fire retardant paint

Processes A grinding of fine powders

B mixing of liquids

C

D

Origin of Wastes cleaning

Wastes Contain A solvents

B

C

D

Comments Not Covered by Above Data the only industrial wastes [illegible] with [illegible] liquid [illegible] are barrelled and trucked away to be reprocessed

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	sewer	trucked away	sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	450	30 x 15 [illegible]	
Industrial Wastes			
Clean Discharge	12,550	Total - all others	
Boiler Water	200	[illegible] from boiler records	
In Product	200	est. from production [illegible]	
Unaccounted			
Total Used	13,400	water bill	

SANITARY TREATMENT - [illegible]

INDUSTRIAL TREATMENT - sewer (clean water only)

File Data Available:

NOTES:

WILLIAM AKMSTRON

Form F

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Name of company Albi Mfg	Town Vernon Location on Map 021
Division of Cities Service	Village Rockville
Mailing Address	Rec. Stream Watershed Hockanum
98 East Main St.	Contact Mr. Merrill Miller - Production Manager
Rockville, Conn.	Type of Problem Serious Routine Minor (None)
Date Established 1951	No. of Emp. 50 1-8 hr.
Date of Last Ex. —	Report by Aschenbach/Stetson Date 10-5-74

Products Fire Retardant Paint and Mastic

Processes
A Grinding of Powders and Solvents to produce paint
B Mixing in ball mill
D Packaging, Canning in 5-gallon drums
C Processing of Intermediates - Formaldehyde Resins (Mastic), Melamine Resins

Origin of Wastes See A and B above

Wastes Contain
A Solvents - recycled
B NaCl - to sewer
C Formaldehyde - Atmosphere (Evaporates)
D

Comments Not Covered by Above Data
By Products discharged to sewer

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	Sewer	Trucked away	Sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	750	50 x 15 gal/cap/day	
Industrial Wastes	1000	To Sewer	
Clean Discharge (cooling water)	14,100	To Sewer	
Boiler Water	50 (estimate)		
In Product			
Unaccounted			
Total Used	15,900	water bill	

SANITARY TREATMENT - Sewer

INDUSTRIAL TREATMENT - Sewer

File Data Available:

NOTES: ~~Recycled cooling water system~~

Quarterly
Monthly Water Bill - 1607 x 100 = 160,700 cubic feet/month

Yearly - 6.075 256 gallons/in - 1972

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Form P-3

OWNER: STAN CHEM, BERLIN, CT.

Name of company	Town Vernon — Location on Map 021
ALBI mfg Co.	Village Rockville
Mailing Address BOX 500, ELLINGTON	Rec. Stream Hockanum River Watershed Conn.
LOCATION: 78 E. MAIN STREET	Contact HENRY KRUPA - PLANT MANAGER 875-3385
Rockville, Ct.	Type of Problem Serious / Routine / Minor / No:
Date Established 1951	No. of Emp. 25 / 12 / 13 / 1
Date of Last Ex. —	Report by ASCHENBACH — Date 6/3/77

Products FIRE RETARDANT PAINTS AND MASTIC (COATING)

Processes
A GRINDING OF POWDERS AND SOLVENTS TO PRODUCE PAINT
B MIXING (Reactor Room), RINSE WITH HCl
C MIXING (BALL Mill Room), RINSE WITH HCl
D DRYING
E. PACKAGING, CANS

Origin of Wastes A, B, C, D

Wastes Contain
A Pyro-phosphate, VARIOUS solvents to produce paint pigment
B HCl, small amounts of "A", non-contact cooling water
C HCl, small amounts of "A", non-contact cooling water
D Resin sludge composed of HCl and "A"

Comments Not Covered by Above Data
1. pH of about 2.5 → 3.0, no pretreatment, direct discharge to Hockanum. Composed of HCl RINSE and pyro-phosphate powders and various solvents
2. Spent solvents → hauled by Solvent Recovery Service of Southington

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	Sewer	STREAM (u)	Stream and Sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	375	25 EMP X 15GPD	
Industrial Wastes	3600	contact est. 1000 ypd → SAN. sewer 3600 → RIVER	
Clean Discharge	3600	TOTAL - MINUS SANITARY AND Cooling	
Boiler Water	10	BLOWDOWN ONCE/DAY TO RIVER	
In Product			
Unaccounted			
Total Used	7580	Conn. Water Co. 2460 ft³/month ÷ 10 X 3	

SANITARY TREATMENT - SANITARY SEWER
INDUSTRIAL TREATMENT - NONE
File Data Available:
NOTES: 1. SLUDGE pumped in sump - leaches to RIVER
2. Should have pretreatment before discharge to sewer

HAZARDOUS WASTE INSPECTION CHECKLIST

MOVED?

Site:

Name: allai mfg. co.

Location: 98 E. main St.
Rockville, CT

Phone No: ( )

ID No:

Contact & Title: mrs. Trask (CO Electric)

Mailing Address (if different from location):

Inspector(s): E Flores

Inspection Date: 4-8-82

Inspection Category:

RCRA Notifier as:

Generator:

Transporter:

TSDF:

Part A Application ___No, ___Yes

UIC:

Inventory: X

Complaint No:

Other (describe):

Ellen Tait

CHARACTERIZATION OF SITE ACTIVITY

6-7 yrs - moved to New Britain?

A) Date Established at Present Location: 1951 bldg. now occupied by Daniel's Wairehouse (furniture) - empty for 4 yrs. before Daniels came here

B) No. of Employees, Shifts:

C) Type of Activity:

D) Products: fire retardant paints and mastic (coating)

E) Processes:

grinding of powders + solvents to produce paint
mixing (reactor room) - rinse with HCl
mixing (ball mill room) - rinse with HCl
drying
packaging, canning

Wastes:
Sanitary Waste
located right beside Huckanum River
(in same area as anerobelle.)

II WASTE PROFILE

Type of Waste	Amount/Frequency	On-Site, Temporary Storage/TSD	Transporter	Off-site TSD

?

III INVENTORY

A) Has this site notified EPA under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 PL 96-510 (commonly known as Superfund): ___No, ___ Yes: (Attach copy of Notification, if available)

B) Prior to the November 19, 1980 Implementation of RCRA Where; When; What type; Amount/ Frequency; How long; and by Who (Transporters, Facilities, Etc.) were wastes disposed of Off-site:

1977 P-5 = HCl, resin sludge, small amounts ground paint powder + solvents, etc ⇒ to Huckleberry River (no pretreatment)
spent solvents ⇒ SRS (since at least 1970 - see P-5)

C) Is there any evidence of On-site disposal? ___No, ___Yes.

Give Approximate Location; Type; Amount/Frequency; Length of Time On-site disposal has been used, etc. (Specify any historical On-site disposal):

?

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OFFICE BUILDING HARTFORD, CONNECTICUT 06115

November 24, 1975

Albi Mfg. Corp.
President
98 East Main Street
Rockville, CT 06066

Dear Sir:

The Office of Solid Waste Management of the Connecticut Department of Environmental Protection is conducting a study which will be used to identify the industrial waste disposal situation in Connecticut. We would appreciate your cooperation in contributing information to this important study by completing the enclosed questionnaire.

Our intended plan is to contact companies in a specific industry and begin compiling data on the nature and volume of their wastes, both solid and liquid. On the questionnaire, please include any pretreatment that is done on a waste, any methods of on-site waste storage and any methods of disposal you use for wastes generated as a result of product manufacture, packaging and plant and machinery maintenance.

Should you have any questions, please feel free to call Kara Buzanoski at 566-5847. Please return questionnaire addressed to:

Industrial Waste Section
Solid Waste Management
Department of Environmental Protection
122 Washington Street
Hartford, Connecticut 06105

Thank you for your anticipated assistance.

Very truly yours,

Melvin J. Schneidermeyer
Deputy Commissioner

MJS/aj
Enclosure

Industrial Process Waste Mailer Questionnaire SIC 3471

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT

(M)

COMP. NO.

NAME

ALBI MANUFACTURING CORP

LOCATION

98 EAST MAIN ST

ROCKVILLE, CONN 06066

PERSON(S) RESPONDING (INCLUDE TITLE) D. P. THALER
GENERAL MANAGER

PRODUCT(S), PROCESS(ES)

FIRE RETARDANT PAINT
FIREPROOFING SYSTEMS

OPERATION TIMES

HRS/DAY 8 DAYS/WK. 5 WKS/YR 52

NUMBER OF EMPLOYEES

TOTAL 55 PRODUCTION 20

OPERATING AT WHAT % OF CAPACITY?

60

AREA OF SERVICE

NATIONAL

WASTES FROM:	DESCRIPTION	VOLUME	REC	LFS	LFM	LFP	Inc	LAG	SOL	OTHER	HAULER (if applicable.
PHYSICAL OPERATIONS PERFORMED ON PRODUCT (ex. Machine, Grind, Tumble, Mill, Turn, Drill, Thread, Deburr, etc.)	GRINDING, MILLING ETC PAINT PRODUCTION	55 gal/mo.									SOLVENT RECOVERY Co.
HEAT TREATING (ex. Tempering, Brazing, Anneal, etc.)	NONE										
CLEANING OF PRODUCT PIECES Surface Preparations (ex. Degreasing, Descaling, Polishing etc.)	NONE										
PLATING (ex. Electroplating, Dip Anodize, Galvanized, Chromate, Phosphate, Neutralize, etc.)	NONE										
FINISHES (ex. Paint (spray), Coat, Print, Oil, etc.)	OFF SPEC. LATEX PAINT ETC.	55 gal/mo.									SOLVENT RECOVERY Co.
PLANT MAINTENANCE	NORMAL GARBAGE SWEEPINGS. PAPER ETC.	20 cu. ft per wk				✓					DECARLI BROS. SANITATION

HW
SITE NAME: Daniel's Warehouse
TOWN: Vernon
FILE TYPE: CMPLT

BUREAU OF MATERIALS MANAGEMENT
& COMPLIANCE ASSURANCE

DATE 3/17/09 COMPLAINT # 09-046

REPORT OF COMPLAINT

Mohamed Deria /
Complaint Received By: Michelle Gore
Site Name (alleged source): Daniels Warehouse
Source Address: 98 East Main Street, Vernon

Complainant: Phil Wilde (DEP - UST)
Address:
Phone Number: _____ x 3339
(Home) (Office)

STATEMENT OF COMPLAINT

Abandoned tank in Anocoil Pond, Vernon
(see attached notes)

Assigned to: M. Gore
Date Investigated 3/16/09
Referred to: N/A

Date: 3/13/09
No Need to Investigate ____ (check)
Date: ____/____/____

mjf
3/16/09

RCRA History at
98 E. Main St., Vernon, CT

SITE NAME: Daniels Warehouse
TOWN: Vernon
FILE TYPE: HAZ - WEED

- Check RCRAinfo → no generator records

- call to Dufford Construction → Scott Dufford said tank removed from pond appeared old and was well rotted, held no contents. Tank appeared to be out of use / junked.

- Fileroom search - 2 WEED - HAZ inspections @ location

Albi manufacturing on 4/8/82 - nothing left onsite, Albi (a paint manufacturer) moved from location in late 1970s. Daniels Warehousing beginning operations.

Daniels Warehouse on 2/24/86 - in response to complaint of waste disposal into river. Inspection by Doug Zimmerman & Tim Carr, found no hazardous waste disposal, generation, or storage on-site - did find non-haz. construction ~~be~~ debris disposed along river bank.

mjf

Summary by Michelle Gore
X4160
3/16/09

Craig Perry M.-W. 1-4 F 8-1
T. of Vernon Wetlands H.7-8
(860) 870-3637 Daniels Daniels Will "solvent based primer" X-3697

Wilde, Philip

From: Butts, Marla
Sent: Tuesday, February 17, 2009 4:22 PM
To: Wilde, Philip
Subject: Report of Underground Storage Tank Release from Wall Failure, 98 E. Main St., Vernon
Attachments: FW: 98 East Main Street, Bldg Collapse, , Vernon

Importance: Low

Phil, See below. At this site a retaining wall failed along Hockanum River located at 98 E. Main St. in Vernon. Apparently, when the wall failed into the Hockanum River it carried with it a 1000 gallon underground storage tank into a pond on the Hockanum River. The water surface elevations in this pond are controlled by a dam owned by Anacoil, who uses the water for noncontact cooling. I bring this to your attention as I don't know if your office has any responsibility over this tank. If it does please contact me directly so that I may bring you up to speed as to the actions that are being taken at the site. It is not clear if the tank is empty. - Marla (424-3863)

PS I've also attached an e-mail that I sent to the town manager which includes an aerial photograph showing the location of the wall collapse. When you look at this photograph water flows from the left to the right side of the picture.

146-9846 - see attached

From: Ready, Colette
Sent: Tuesday, February 17, 2009 3:33 PM
To: Butts, Marla
Subject: FW: Sewage Line Break
Importance: Low

P.W.

3/4/09 (message) Phone to Marla @ 1 PM - "UST appears to be regulated by STEU"

From: Blais, Melissa
Sent: Tuesday, February 17, 2009 10:33 AM
To: 'Dick Bombardier'; Gore, Michelle
Cc: 'Michael Perlman'; Ready, Colette
Subject: RE: Sewage Line Break
Importance: Low

3/4/09 1:40 PM "Marla" - unk. whether or not UST contained any oil or petroleum, UST now submerged, no enf. action being pursued by Inland Water X-3863

Dick,
I left you a voice message as well. Thank you for letting us know of the sewer line break.
Can you please provide the name/address of the building and name and contact info for the owner, if available?
This is a matter we will forward to the local Health District.
Melissa

From: Dick Bombardier [mailto:dbombardier@anocoil.com]
Sent: Tuesday, February 17, 2009 9:04 AM
To: Gore, Michelle; Blais, Melissa
Cc: Michael Perlman
Subject: Sewage Line Break

Hello Michelle and Melissa,
I had the opportunity to meet with some members of the town engineering department, some local contractors, and the owner of the building on the northern side of the pond above our dam last Thursday. We had lowered the pond so that the contractors could formulate a plan to remove building debris and other miscellaneous material, i.e. a gas generator, 1000 gallon iron tank, pallets of plywood type sheets, etc from the pond and adjacent river bank. In mid November the building's shipping and receiving structure collapsed and fell down the river bank.

I am writing this email to memorialize that, during that meeting, the owner disclosed that, when the facility collapsed, an eight inch sanitary sewage line broke and began discharging to the river. The owner indicated that he has made no attempt to prevent the sewer line from continuing to discharge to the river. I believe that he said that the discharge is limited to four toilet facilities in a stair tower structure. To the best of my understanding, the discharge to the river continues today.

We have examined our manufacturing process for the period that the discharge has been occurring. It appears that discharge has not affected our product quality. We have informed our employees about the possibility of the river contamination so that they can be extra vigilant concerning their personal hygiene practices.

Please feel free to contact me if you have any questions about this situation.

Regards,
Dick Bombardier

Wilde, Philip

From: Butts, Marla
Sent: Friday, January 09, 2009 4:22 PM
To: 'Charles Galgowski (charles.galgowski@usda.gov)'
Subject: FW: 98 East Main Street, Bldg Collapse, , Vernon
Attachments: MapsLive looking south.doc

Importance: Low

Sorry, Charles, the e-mail address was spell wrong in the e-mail below. – Marla

From: Butts, Marla
Sent: Friday, January 09, 2009 4:04 PM
To: 'John Ward (jward@vernon-ct.gov)'
Cc: Caiola, Jeff; Kuzyk, Ann; 'Craig Perry (planning@ci.vernon.ct.us)'; 'Charles Galgowski (charles.galgowski@u.cosda.gov)'; 'doug.zehner@ct.usda.gov'
Subject:
Importance: Low

Dear Mr. Ward,

This e-mail is to confirm my telephone conversation with you earlier today concerning serious environmental conditions at 98 E. Main St. in Vernon and my request that the town of Vernon take quick action to address these conditions. Yesterday, I was informed by Craig Perry, Vernon's Inland Wetland Enforcement Officer that portions of a storage building on this property collapsed into the Hockanum River just upstream from the Ano Coil Pond Dam (see attached file for photo of site location). Following my receipt of Craig Perry's photographs of the site, this morning I reviewed the matter with Denise Ruzicka, Director of the DEP Inland Water Resources Division ("IWRD"), Jeff Caiola, Supervising Civil Engineer of the IWRD Engineering Section and Ann Kuzyk, Civil Engineer of the IWRD Dam Safety Section. Based on the information provided it appears that a dangerous situation exists at the property. The collapsing of the storage building floor and its contents into the pond has caused an obstruction to flood flows. The exposure of unstable soils under the building are susceptible to erosion during a flood event.

Our concerns are as follows:

- Ano Coil Pond (DEP dam # 14601) is classified as a high hazard dam.
- Existing floatable debris in the pond as well as the potential future collapse of the remaining building into the pond could result in obstruction of the spillway to a dam located immediately downstream.
- The collapsing of the storage building floor and its contents into the pond has caused an obstruction to flood flows.
- The pond is located within a FEMA designated floodplain and within state established stream channel encroachment lines.

I have requested of you and/or Mr. Perry to do the following actions:

- Consult with the town engineer, Terry McCarthy, regarding the immediate actions required to address (1) safety conditions and (2) environmental conditions on the property
- Consult with the town's attorney to discuss the town's legal responsibilities and authorities, with particular reference to section 7-146 (Clearing of Waterways. Assessment of costs. Appeal.) of the Connecticut General Statutes entitled "Clearing of Waterways. Assessment of costs. Appeal".

- Verify ownership of the property (note that Mr. Perry reported the owner to be Daniels Management Inc. and such corporation is not registered with the Secretary of State according to C.O.N.C.O.R.D., see webpage http://www.concord-sots.ct.gov/CONCORD/index.jsp).
- Take actions to have any floatable debris removed as soon as possible.
- Contact the owners of Ano Coil Pond Dam and apprised them of the situation with a request that they monitor conditions at the spillway, particularly during and immediately after storm events.
- Notify the municipal police and fire departments to develop a plan of action should site conditions deteriorate further (i.e. collapse of the remaining building into the pond).

Since my communication with you this morning I have spoken with Douglas Zehner, State Conservationist of the USDA Natural Resources Conservation Service to see if their offices can be of any assistance. He has offered to have his staff review site conditions with the town to determine if NRCS can be of any assistance to the town and indicated that Charles Galgowski, a planning engineer with NRCS, will be made available to the town for this purpose.

Sometime early next week Mr. Caiola will coordinate an inspection of the site with Mr. McCarthy to determine how the town and this department may work together to address the dangerous and unstable conditions.

By copy of this e-mail all parties are notified of the same (John, please forward this e-mail to Terry McCarthy as I don't have his e-mail address).

For everyone's reference the following are the contact telephone numbers:

Marla Butts, DEP/IWRD	424-3863
Jeff Caiola, DEP/IWRD	424-4162
Ann Kuzyk, DEP/IWRD	424-3885
Terry McCarthy, Town of Vernon	870-3664
Craig Perry, Town of Vernon	870-3637
John Ward, Town of Vernon	870-3670
Charles Galgowski, NRCS	871-4022

Marla P. Butts, Supervising EA
DEP Inland Water Resources Division
79 Elm Street
Hartford, CT 06106-5127
(860)424-3863

Wilde, Philip

From: Butts, Marla
Sent: Friday, March 06, 2009 1:54 PM
To: Wilde, Philip
Cc: 'Craig Perry (planning@ci.vernon.ct.us)'; Caiola, Jeff
Subject: Referral on Report of Underground Storage Tank Release from Wall Failure, 98 E. Main St., Vernon

Importance: Low

Phil,

In response to your voice message to me on 3/4/09 I am requesting your office conduct an investigation and take the appropriate action regarding the thousand gallon tank now resides in the bottom of a pond that is located at 98 E. Main St. in Vernon following the failure of a retaining wall that abuts the pond. This run-of-river impoundment on the Hockanum River. There are state established stream channel encroachment lines for this reach of the Hockanum River so please coordinate with Jeff Caiola of the Inland Water Resources Division regarding the removal of this tank.

I suggest you also contact Vernon Inland Wetlands Enforcement Officer, Craig Perry, at 870-3638 regarding the ongoing corrective actions at the site. His office hours are M-W 8-4pm, Th 8-7pm and F 8:30-1pm. Thanks. - Marla

Marla P. Butts, Supervising EA
DEP Inland Water Resources Division
79 Elm Street
Hartford, CT 06106-5127
(860)424-3863

phil looking into.

COMPLAINT NO. 832

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE MANAGEMENT SECTION
165 CAPITOL AVENUE, HARTFORD, CONNECTICUT 06106

File

DATE 2 / 21 / 86

REPORT OF COMPLAINT

Alleged Source DANIELS WAREHOUSE

Source Address EAST MAIN ST. (RTE. 74) ROCKVILLE
(Street) (Town)

Complainant GENE ORLOWSKI

Address VERNON HEALTH DEPT.
Town

Phone 872-8591 Zip Code
(Home) (Office)

STATEMENT OF COMPLAINT

Above warehouse is cleaning out their basement & disposing of contaminated soil along riverbank and throwing drums into the river nearby. Many drums containing hazardous waste are stored in the building.

Received by: J Fayniang

Referred to O+C.S.

igned / / To Doug Zimmerman Investigation conducted 2/24/86

ION TAKEN: None Immed. Corr.

INTERDEPARTMENTAL MESSAGE
STO-201 REV. 4/85
(Stock No. 6938-051-01)

STATE OF CONNECTICUT

Obtain "STATE EMPLOYEE SUGGESTION" forms from, and send your ideas to: Employee's Suggestion Awards Program, 165 Capitol Avenue Hartford, Ct, 06106.

To	NAME, TITLE: Tom Stark Senior Environmental Analyst	DATE: 2/28/86
	AGENCY, ADDRESS: DEP Hazardous Waste 122 Washington St. Hfd. CT	
From	NAME, TITLE: Doug Zimmerman Field Inspector	TELEPHONE: 566-8844
	AGENCY, ADDRESS:	

Subject: Investigation of complaint # 832

On 2/24/86 At ≈ 1:40 PM, Inspector Tim Carr and I arrived at 98 E. Main St. Vernon CT. in order to investigate complaint #832. We were Assisted with our investigation by Eugene Orlawski Sr. (Environmental Health officer for the Town of Vernon). We have determined the following. -

The site in question is the old Albee paint MFG building. Currently, A company named Daniel's warehousing and another company named Sol Canter electric reside there. we met with the owner Sol Canter and asked various questions concerning the complaint statement. He denied having any knowledge of any Aspect concerning this issue.

However, our subsequent physical inspection of the building revealed. A quite different story. we entered upon A room (see map.) and found An Air compressor Jack hammer stuck in a half-destroyed ≈30' x 30' x 8' thick concrete Slab. It was At this point that Sol Canter confessed about lying to us. He said he was tearing

INTERDEPARTMENTAL MESSAGE
STO-201 REV. 4/85
(Stock No. 6938-051-01)

STATE OF CONNECTICUT

Obtain "STATE EMPLOYEE SUGGESTION" forms from, and send your ideas to: Employee's Suggestion Awards Program, 165 Capitol Avenue Hartford, Ct, 06106.

To	NAME, TITLE: Tom Stark AGENCY, ADDRESS:	DATE: 2/28/86
From	NAME, TITLE: Doug Zimmerman AGENCY, ADDRESS: Complaint # 832 cont.	TELEPHONE:

Subject:

up the floor and throwing the demolition waste out the window. He also indicated that no drums at all were ever discarded out the window. This concrete slab is elevated above part of the floor and apparently was used as a base to house paint milling machinery for the Albee paint company. By a visual look at the disposed demolition debris, we felt that this was not of a Hazardous waste environmental matter and so no sample was procured. Mr. Orlowski plans to look into remedial action through local channels to perhaps rectify the existing situation.

Finally, the complaint statement indicated that there were many drums of Hazardous waste stored in this building. From the evidence we collected, this could not be substantiated.

INTERDEPARTMENTAL MESSAGE
STO-201 REV. 4/85
(Stock No. 6938-051-01)

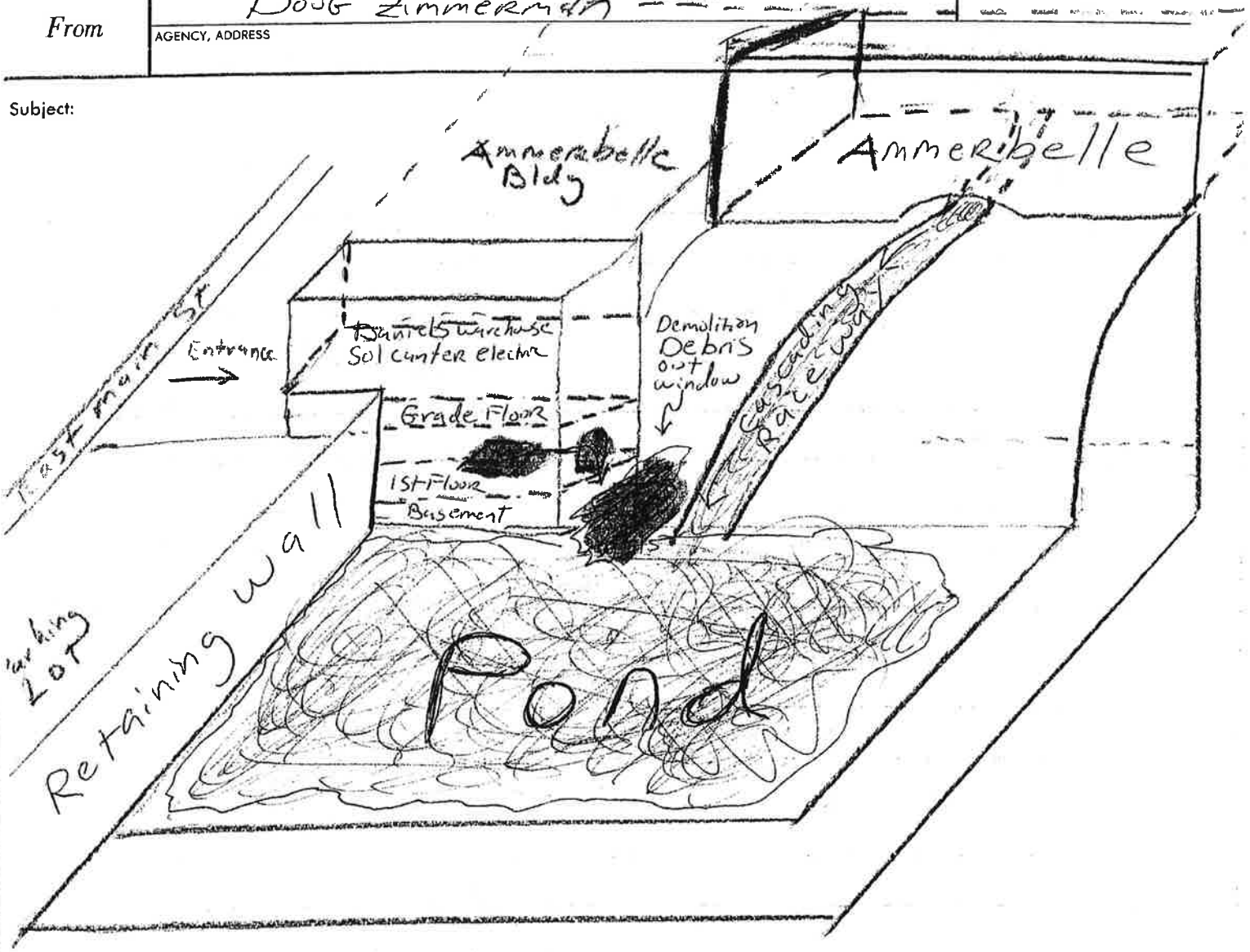
STATE OF CONNECTICUT

Obtain "STATE EMPLOYEE SUGGESTION" forms from, and send your ideas to: Employee's Suggestion Awards Program, 165 Capitol Avenue Hartford, Ct, 06106.

P. 3 of 3

To	NAME, TITLE Tom Stark	DATE 2/28/86
	AGENCY, ADDRESS	
From	NAME, TITLE Doug Zimmerman	TELEPHONE
	AGENCY, ADDRESS	

Subject:



Simple Sketch

Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

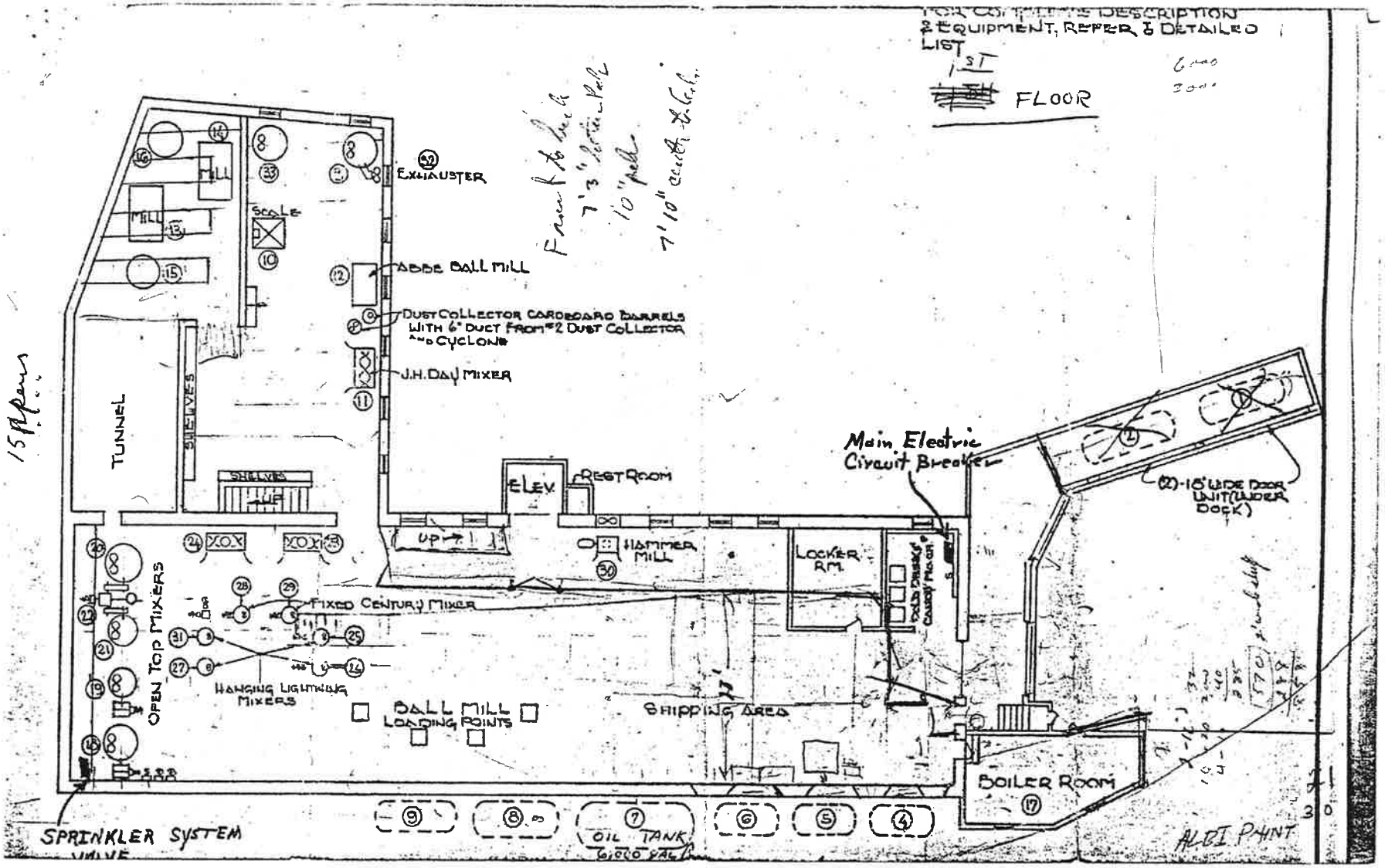
Case No.: 98-03063
Staff Receiving Call: 933 SANTACROCE, JIM **Assigned To:** 902 BURTON, DON
Date Reported: 05/19/1998 **Time Reported:** 7:51
Date of Release: 05/19/1998 **Time of Release:** UNKNOWN
Town of Release: VERNON **State of Release:** CT
Location of Reported Release: 98 EAST MAIN ST.
Reported By: TOLLAND BASE **Phone:** (860) 875-2543 **Ext:**
Representing: ROCKVILLE FIRE
Responsible Party: UNKNOWN TRUCKING CO. AT THIS TIME **Phone:**
Street Address:
Town: **State:** **Zip Code:**
Does the Responsible Party Accept Financial Responsibility? NO
Release Type: CHEMICAL
Release Substance: GLUE
Media: GROUND SURFACE
Total Quantity: 110 Gallons 0 Cubic Yards 0 Cubic Feet 2 Drums 0 Pounds
Emergency Measures: two drums leaking
Has the Release Been Terminated?: NO
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 **Total Quantity in Water:** 0
Corrective Actions Taken: CONTRACTED

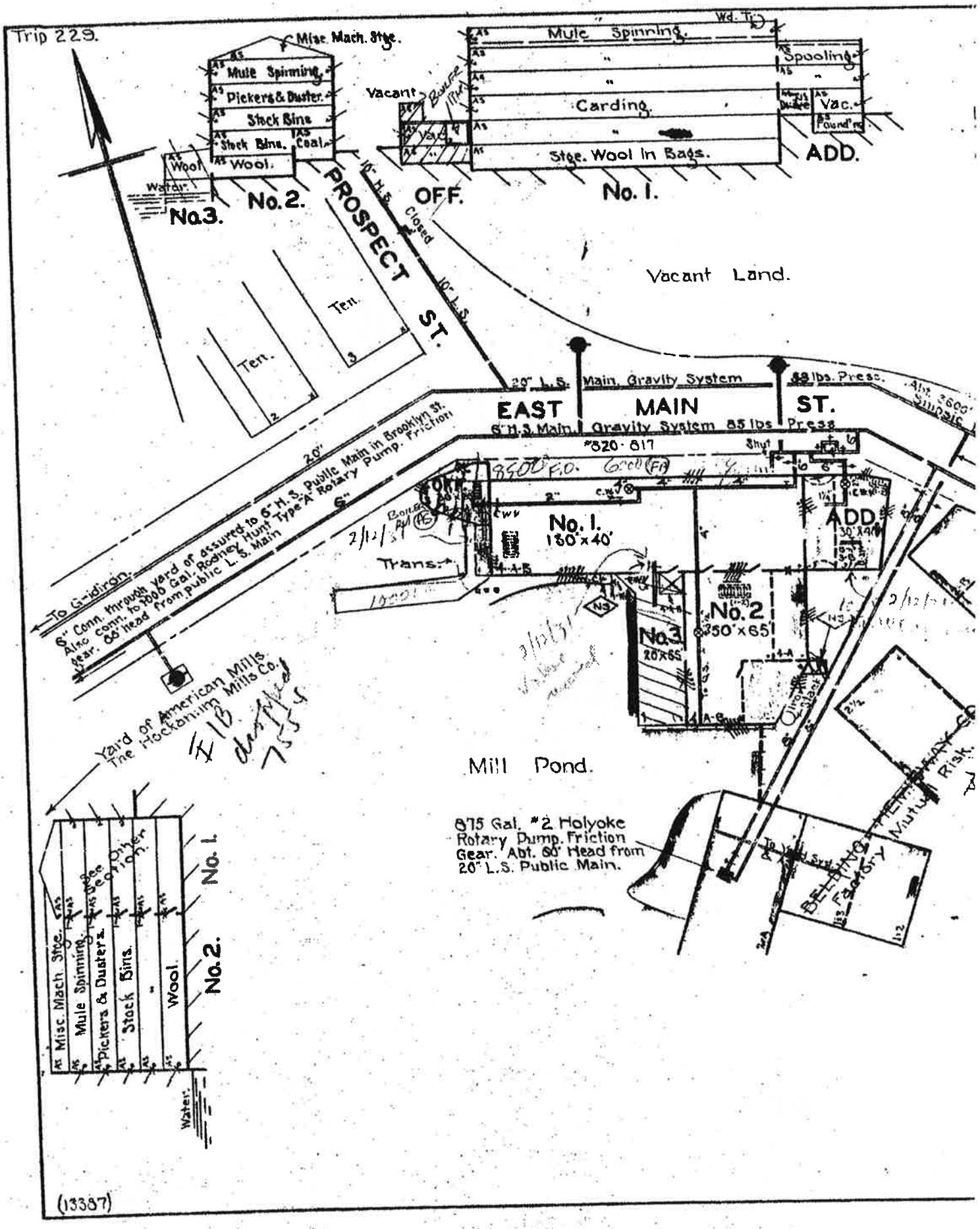
Discharge Class:
Cause of Incident: UNKNOWN
Agencies Notified: LOCAL FIRE MARSHAL
DEP DISPATCH
LOCAL FIRE DEPARTMENT
Status: CLOSED

FUSS & O'NEILL

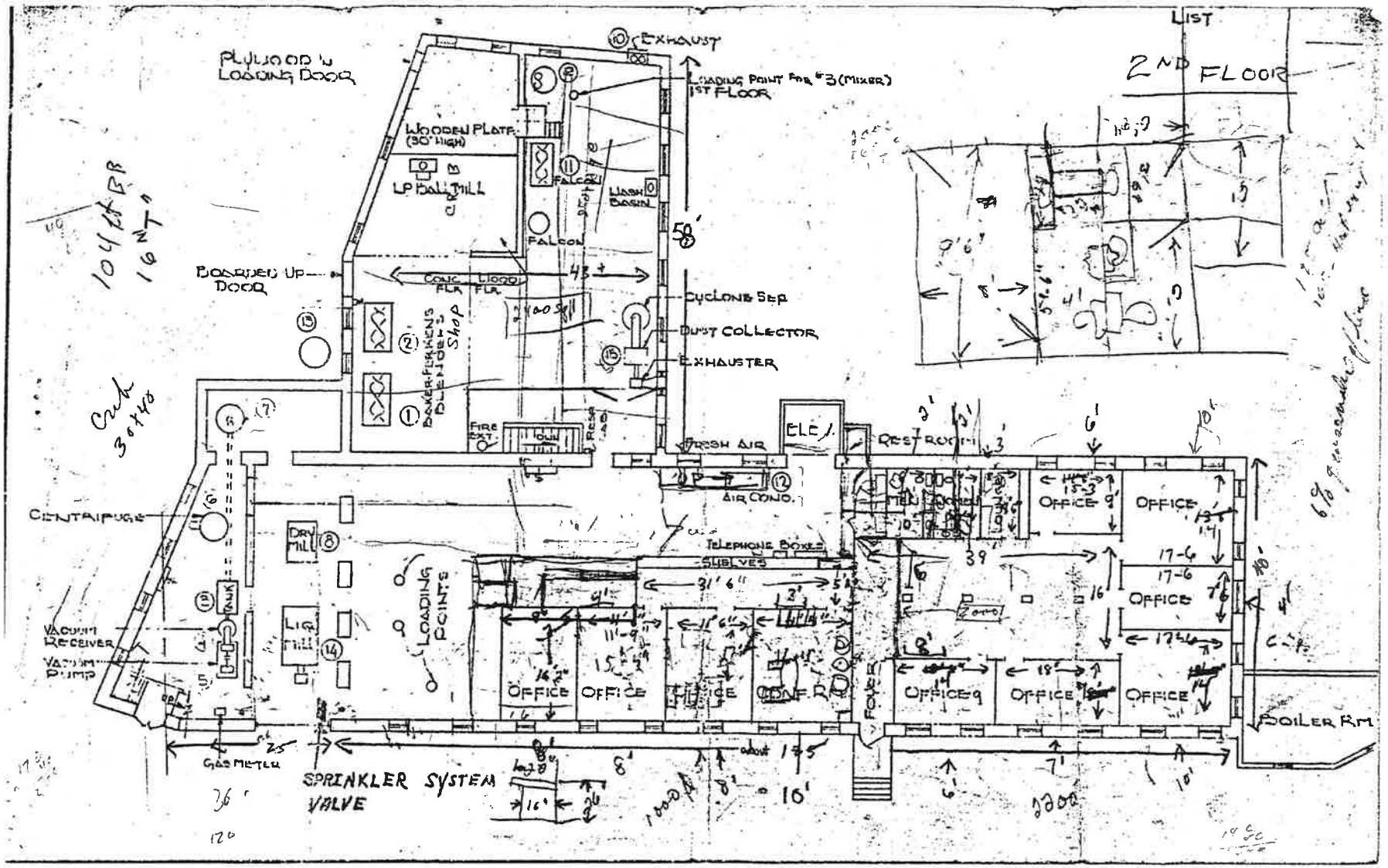
Appendix E

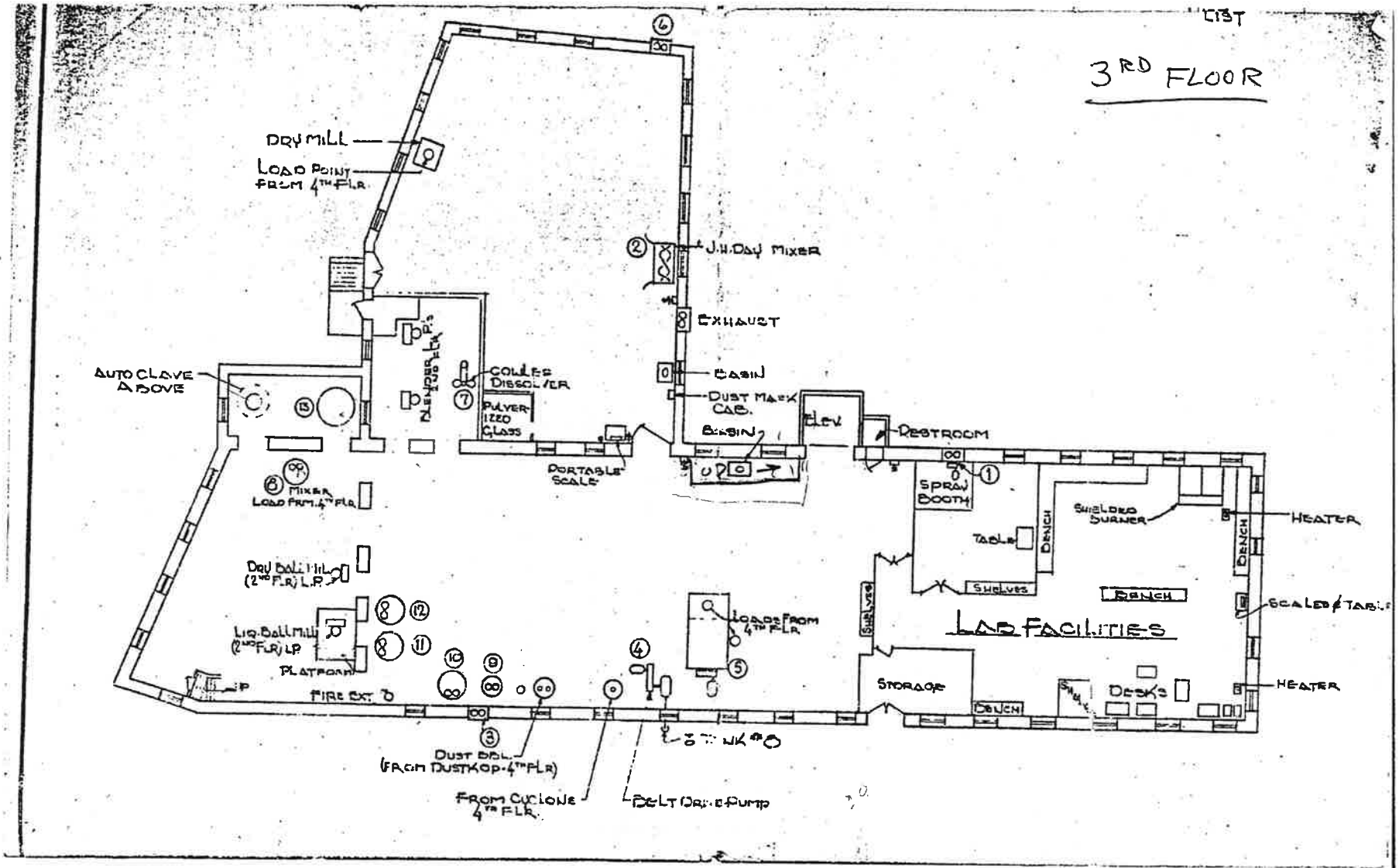
Site Files

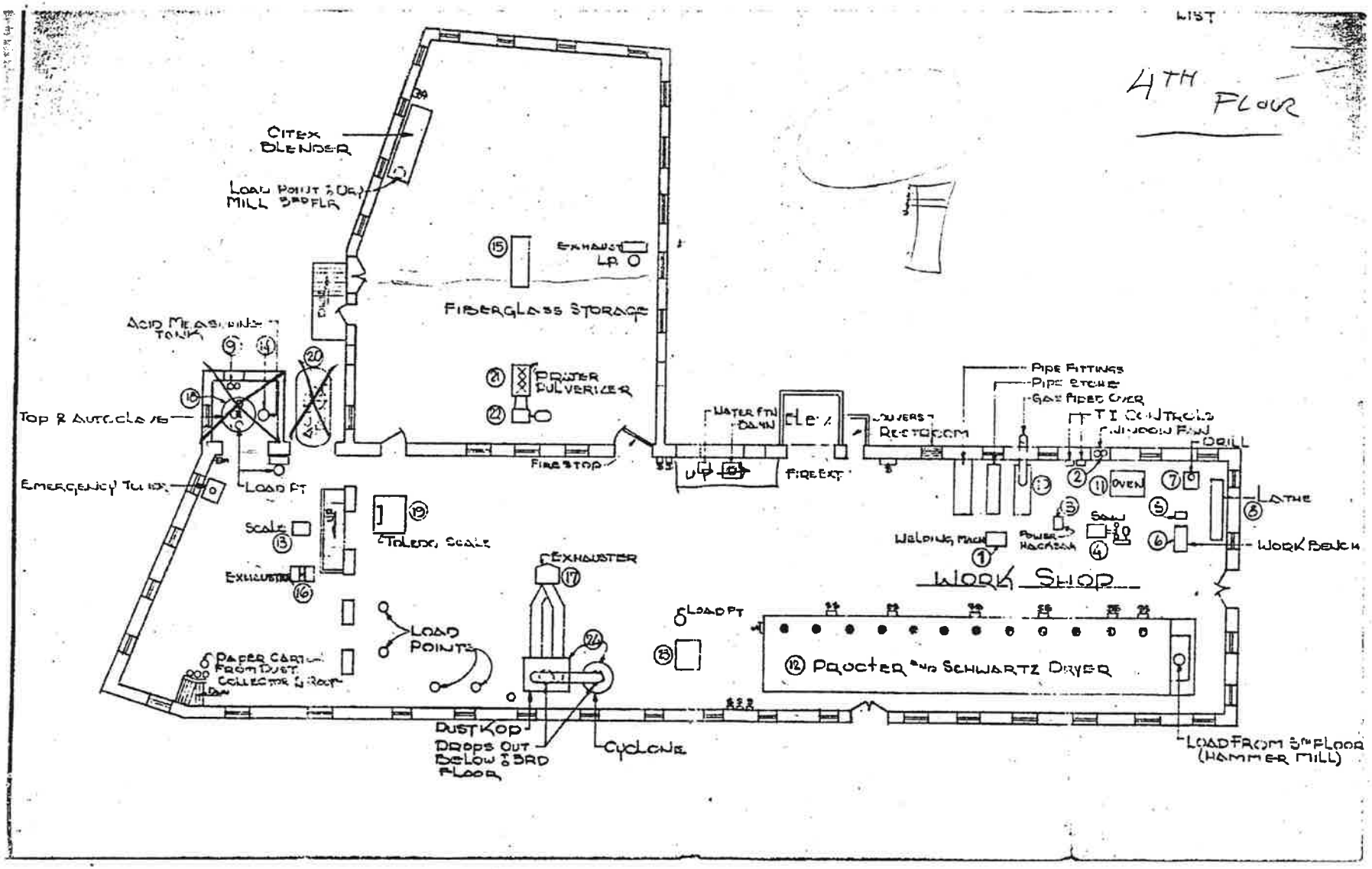

FOR COMPLETE DESCRIPTION & EQUIPMENT, REFER & DETAILED LIST
1ST FLOOR
EXHAUSTER
MILL
MILL
SCALE
ABBE BALL MILL
DUST COLLECTOR CARDBOARD BARRELS WITH 6" DUCT FROM #2 DUST COLLECTOR AND CYCLONE
J.H. DAY MIXER
TUNNEL
SHELVES
SHELVES
ELEV
REST ROOM
Main Electric Circuit Breaker
(2)-15' WIDE DOOR UNIT (UNDER DOCK)
UP
HAMMER MILL
LOCKER RM
FIXED CENTURY MIXER
OPEN TOP MIXERS
HANGING LIGHTNING MIXERS
BALL MILL LOADING POINTS
SHIPPING AREA
BOILER ROOM
SPRINKLER SYSTEM VALVE
OIL TANK 6000 GAL
ALBI PAINT

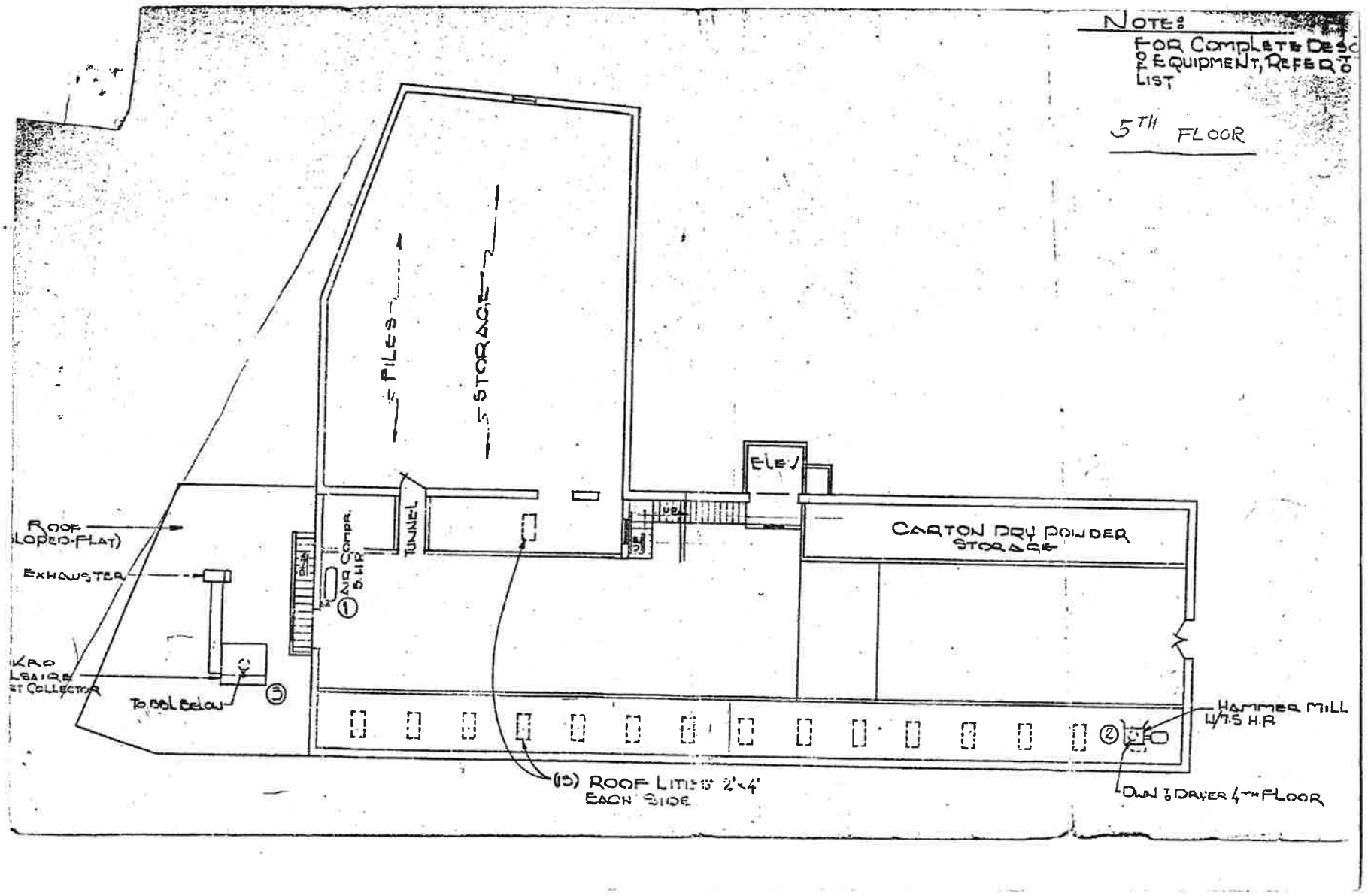


Trip 229.
Misc. Mach. Stge.
Mule Spinning.
Pickers & Duster.
Stock Bins
Stock Bins.
Coal.
Wool
Wool.
Water.
No.3.
No.2.
Vacant
Boiler
Mule Spinning.
Spooling
Carding.
Vac.
Found'n
Stge. Wool in Bags.
ADD.
OFF.
No. 1.
PROSPECT ST.
10" H.S.
Closed
10" L.S.
Vacant Land.
Ten.
Ten.
20" L.S. Main. Gravity System
88 lbs. Press.
EAST MAIN ST.
6" H.S. Main. Gravity System 85 lbs Press
#820 - 817
Shut
20"
6"
To Gridiron.
6" Conn. through yard of assured to 6" H.S. Public Main in Brooklyn St.
Also conn. to 7000 Gal. Rodney Hunt Type "A" Rotary Pump. Friction
gear. 88' head from public L.S. Main
No. 1.
180'x40'
ADD.
30'x40'
Trans.
No. 2
350'x65'
No. 3
20'x65'
Yard of American Mills
The Hockanum Mills Co.
Mill Pond.
875 Gal. #2 Holyoke
Rotary Pump. Friction
Gear. Abt. 60' Head from
20" L.S. Public Main.
BELDING HEMINWAY CO.
Factory Mutual Risk.
See Other Section.
Misc. Mach. Stge.
Mule Spinning.
Pickers & Dusters.
Stock Bins.
Wool.
No. 1.
No. 2.
Water.
(13387)


PLYWOOD 'N LOADING DOOR
EXHAUST
LOADING POINT FOR #3 (MIXER) 1ST FLOOR
WOODEN PLATE (30" HIGH)
LP BALL MILL
FALCON
FALCON
WASH BASIN
BOARDED UP DOOR
CONC. FLOOD FLR.
CYCLONE SEP.
DUST COLLECTOR
EXHAUSTER
BOMER-FERMENS BLENDERS
SHOP
FIRE EXT.
HOSE
FRESH AIR
ELEV.
REST ROOM
AIR COND.
CENTRIFUGE
DRY MILL
TELEPHONE BOXES
SUBLEVEL
LOADING POINTS
VACUUM RECEIVER
VACUUM PUMP
TANK
LIQ. MILL
OFFICE
OFFICE
OFFICE
CONF. RM.
FOYER
OFFICE
OFFICE
OFFICE
OFFICE
OFFICE
OFFICE
BOILER RM
GAS METER
SPRINKLER SYSTEM VALVE
LIST
2ND FLOOR


3RD FLOOR
DRY MILL
LOAD POINT FROM 4TH FLR
J.H. DAY MIXER
EXHAUST
AUTO CLAVE ABOVE
COLLOID DISSOLVER
PULVERIZED GLASS
SINK
DUST MACK CAB.
BASIN
ELEV.
RESTROOM
PORTABLE SCALE
MIXER LOAD FRM. 4TH FLR.
SPRAY BOOTH
SHIELDED BURNER
HEATER
TABLE
BENCH
SHELVES
DRY BALL MILL (2ND FLR) L.P.
LIQ. BALL MILL (2ND FLR) L.P.
PLATFORM
LOADS FROM 4TH FLR
LAB FACILITIES
SCALE & TABLE
FIRE EXT.
STORAGE
DESKS
HEATER
DUST DISC. (FROM DUSTKOP-4TH FLR)
FROM CYCLONE 4TH FLR.
BELT DRIVE PUMP


LIST
4TH FLOOR
CITEX BLENDER
LOAD POINT TO DRY MILL 3RD FLR
EXHAUST UP
FIBERGLASS STORAGE
ACID MEASURING TANK
PRATER PULVERIZER
TOP & AUTOCLAVE
EMERGENCY TELEX
LOAD PT
WATER FTN DOWN
FIRE STOP
FIRE EXT
LOUVERS TO RESTROOM
PIPE FITTINGS
PIPE STORE
GAS PIPES OVER
TI COUNTERS
WINDOW FAN
DRILL
OVEN
LATHE
SCALE
TELEX, SCALE
WELDING MACH
POWER HACKSAW
SAW
WORK BENCH
WORK SHOP
EXHAUSTER
EXHAUSTER
LOAD POINTS
LOAD PT
PAPER CARTON FROM DUST COLLECTOR ON ROOF
PROCTER AND SCHWARTZ DRYER
DUSTKOP DROPS OUT BELOW 3RD FLOOR
CYCLONE
LOAD FROM 5TH FLOOR (HAMMER MILL)


NOTE:
FOR COMPLETE DESC
EQUIPMENT, REFER T
LIST
5TH FLOOR
PILES
STORAGE
ELEV
TUNNEL
AIR COMPR. 5 HP
CARTON DRY POWDER STORAGE
ROOF
LOPED-FLAT)
EXHAUSTER
KRO
LSAIRE
ST COLLECTOR
TO BBL BELOW
HAMMER MILL
W/7.5 H.P.
(15) ROOF LITES 2'x4'
EACH SIDE
DWN TO DRYER 4TH FLOOR

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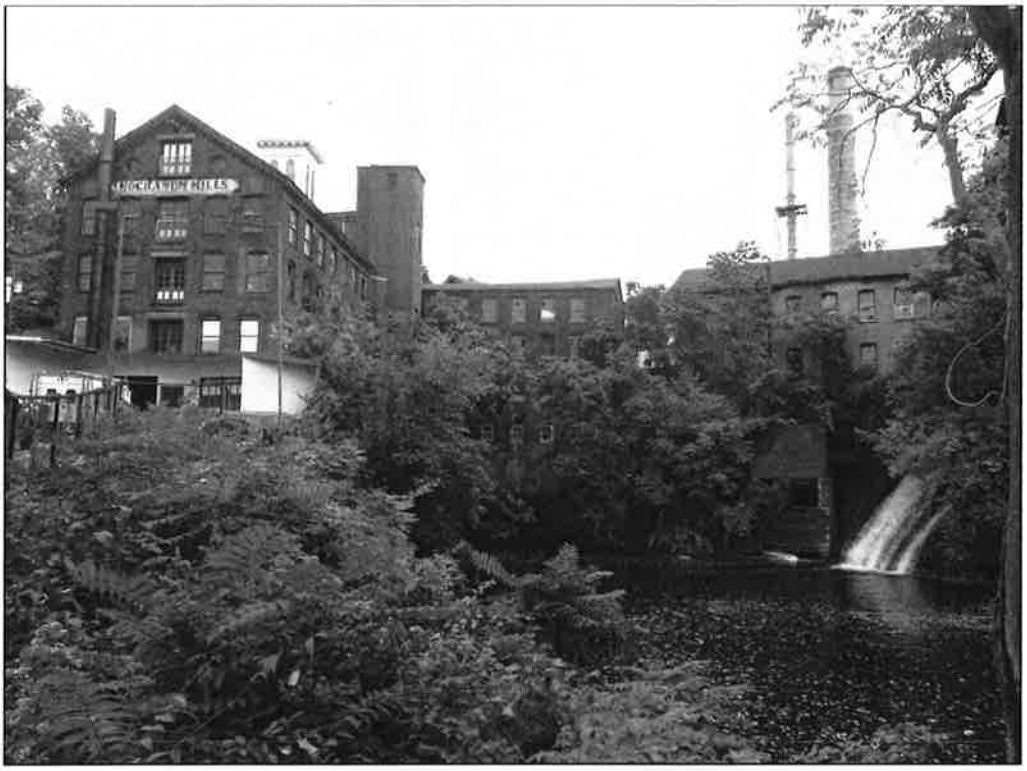
Appendix F

Site Photographs

Photograph 22: Exterior – Drum storage in parking lot

Photograph 23: UST vent/fill pipes along East Main Street

Photograph 1: Aerial view of Site and adjacent mill property.



Photograph 2: Site building (on left) and Mill Pond.

Photograph 3: Western side of building & loading dock

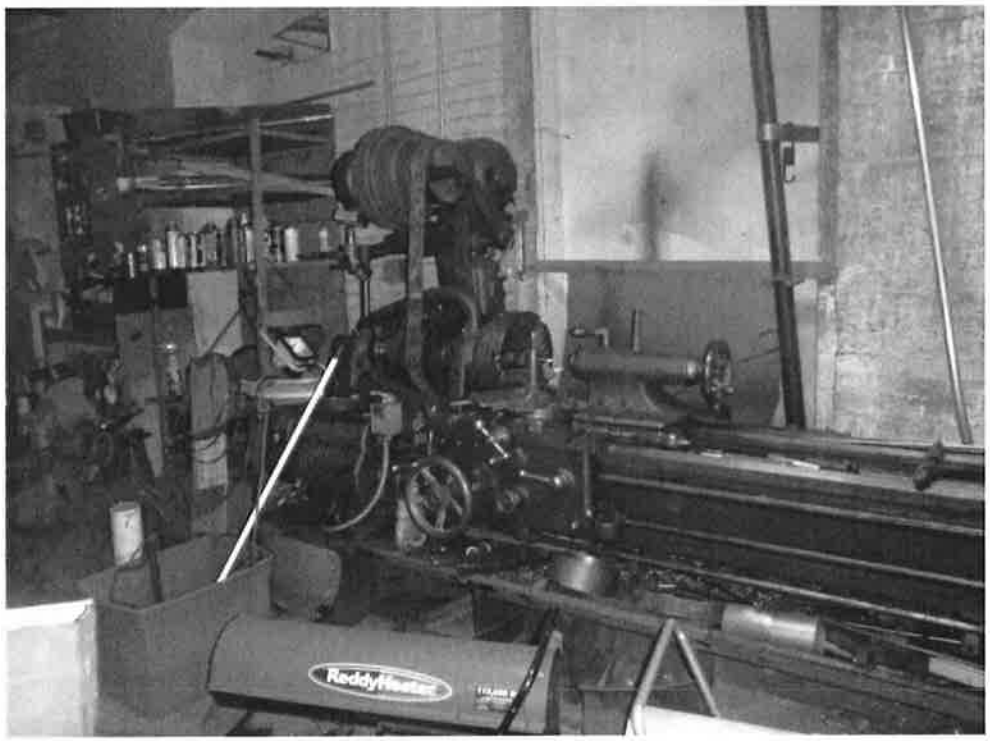
Photograph 4: Loading dock interior storage

Photograph 5: First Floor Storage Room

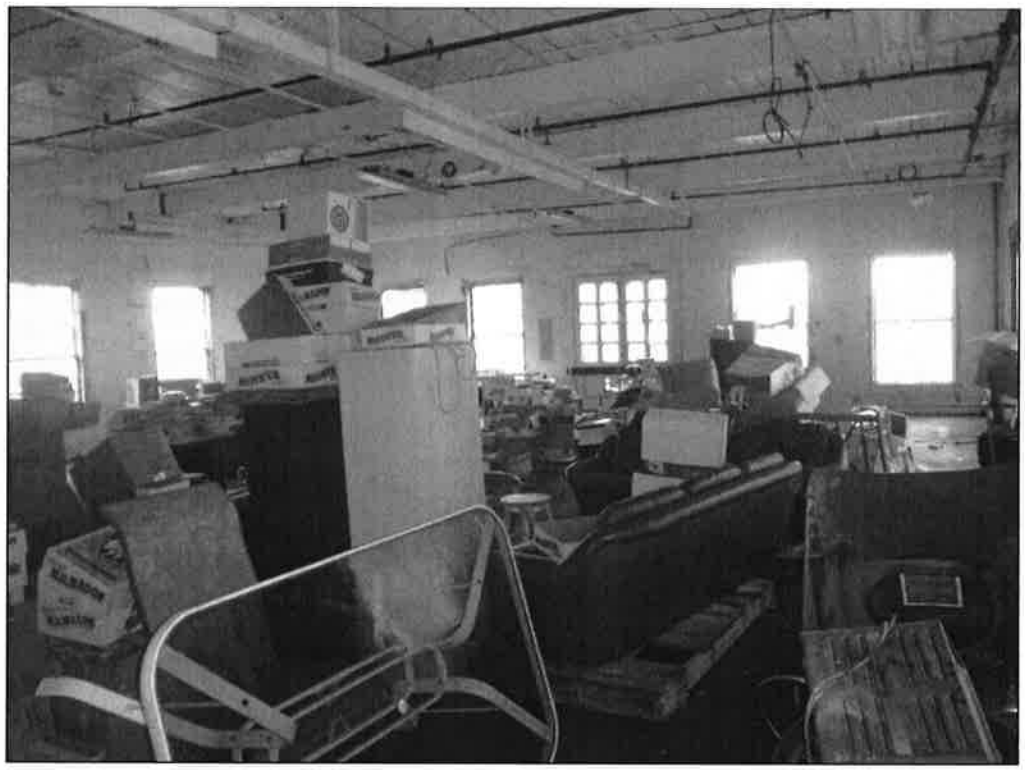
Photograph 6: Old air compressor (First floor)

Photograph 7: First Floor-hallway & band rooms

Photograph 8: First floor – unfinished hallway

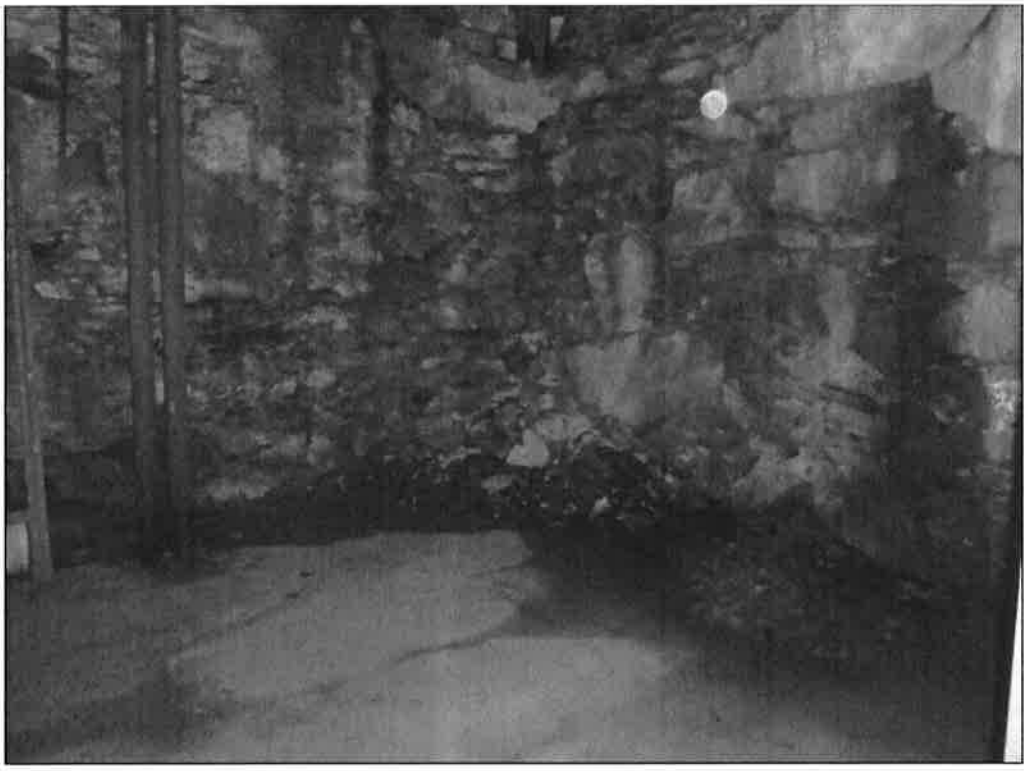


Photograph 9: Second Floor - A1 Enterprises; sheet metal equipment.



Photograph 10: Fourth Floor – charity storage

Photograph 11: Fourth Floor – vacant space (former Sailcloth area)



Photograph 12: Basement – Former furnace & fuel oil AST area (western side)

Photograph 13: Basement – Bedrock outcrop in northeastern corner

Photograph 14: Basement stairs & crawlspace access

Photograph 15: Basement – concrete containment structure

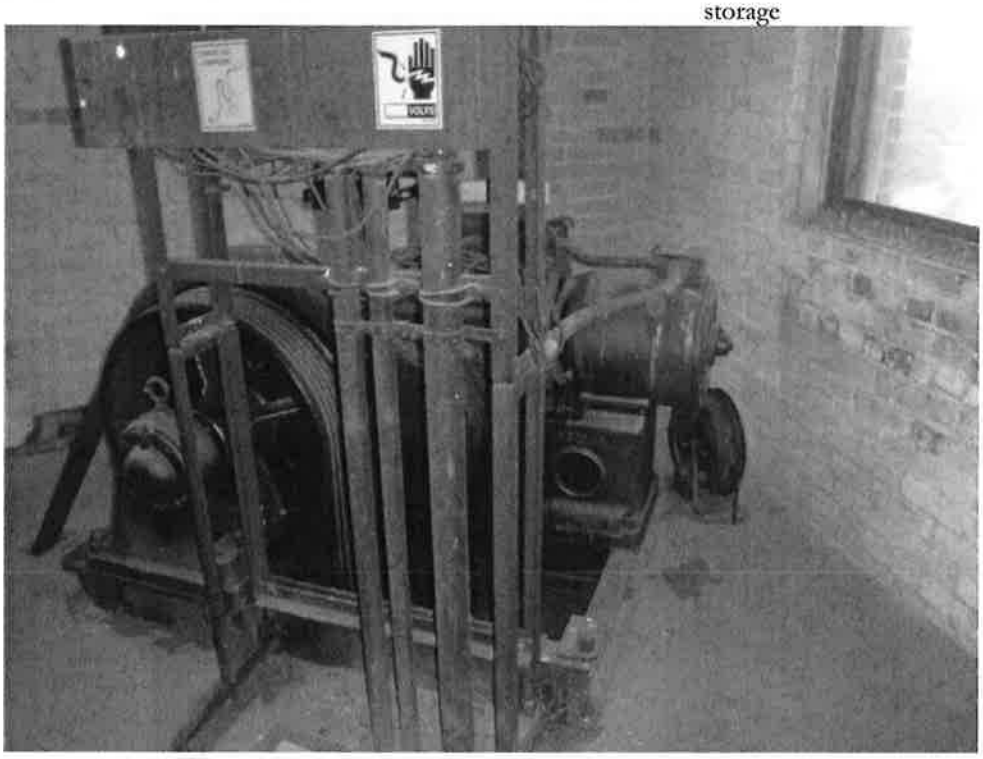
Photograph 16: Basement – former floor drain & plumbing components

Photograph 17: Basement – former water wheel location & stream tunnel

Photograph 18: Former AST storage area – exterior to basement

Photograph 19: Attic – dry storage

Photograph 20: Attic – electrical components storage



Photograph 21: Attic tower – Elevator cable/pulley system

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Appendix G

Qualifications of Environmental Professionals and Staff

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Qualifications of Environmental Professionals and Staff Scientists and Engineers

Environmental Professionals

Employee	Title	Education	Years of Applicable Experience	Licenses
David Hurley	Vice President	BS Geology	27	LEP, PG
Daniel Jahne	Associate/Project Manager	BS Geology	19	LEP

Staff Scientists and Engineers

Employee	Title	Education	Years of Applicable Experience	Licenses
Stefanie Wierszchalek	Hydrogeologist III	BS Geology & Environmental Science	9	--

Education
AS: Associate of Science
BA: Bachelor of Arts
BS: Bachelor of Science
MS: Master of Science

Licenses
CPG: Certified Professional Geologist
PG: Professional Geologist (New Hampshire)
LEP: Licensed Environmental Professional (Connecticut)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Daniels Management, Inc.
98 East Main Street
Rockville, Connecticut

PREPARED FOR:

Ms. Barbara Cantor
Daniels Management, Inc.
PO Box 451
Vernon Rockville, Connecticut

PREPARED BY:

APEX

58H Connecticut Avenue
South Windsor, CT 06074

Apex Project No. 6036-001

October 2011

Prepared By:	Reviewed By:
APEX COMPANIES, LLC	APEX COMPANIES, LLC
Donna L. Kask Environmental Scientist III	William Drouin Project Manager

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EXECUTIVE SUMMARY

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (Phase I ESA) on the property located at 98 East Main Street in Rockville, Connecticut (collectively referred to as the Site or subject property). The Site town is also referenced as Vernon, Connecticut, as Rockville is considered a historic portion of Vernon. The Site, located along the southern side of East Main Street, consists of approximately 1.0 acre of land. The Site is further identified as Map 40, Block 117, Lot 5 listed on Volume 372, Page 286 of the municipal book of deeds.

Apex reviewed reasonably ascertainable historic information for the subject property. These sources included electronic database searches, Town of Vernon-Rockville municipal records, Connecticut Department of Energy and Environmental Protection (CTDEEP) file search, and interviews with the current Site owner. The Phase I ESA Inquiry included a Site inspection that was conducted on September 27, 2011, interviews of the current property owner, and a review of historical and regulatory records. The CTDEEP and municipal file reviews were performed on September 27, 29 and October 6, 2011.

Historical files indicated that the property was developed circa 1855 and was a woolen mill through approximately 1952. Site reconnaissance activities revealed that building occupants between approximately 1952 and 1979 included, but are not limited to Albi Manufacturing Co., The Double B. Products Co., Gessays Outboard Shop, and Conversion Chemical Corporation. Historic documentation indicated that Albi Manufacturing and The Double B. Products Co. produced fireproof paints, waxes and/or insecticides.

The Site is located in a mixed industrial and residential area of Rockville, Connecticut and is zoned Historical District Industrial. The property is improved with one 4-story masonry building located on the eastern portion of the property. The western portion of the property is a narrow bituminous asphalt parking area with a loading dock located on the western portion of the building. The building was vacant when Daniel's Management, Inc. acquired the property in 1979. Tenants currently occupying the building are Daniel's Management, Inc., Sol Electrical Contractors, offices, mini-storage units, a metal shop (welder), and band practice/recording areas. Former tenants of Daniel's Management included, but are not limited to Challenge Sailcloth, C&C Products, Furncace Brokers, Hockanum Salvage, a woodworking shop, and a motorcycle seat molding company.

Abutting to the north across East Main Street from the subject property, there are residential buildings, Shelter Services and Cornerstone Foundation, Inc. (shelter services). Abutting the site

to the east and south is Amerbelle Textiles. The Amerbelle site is defined as an 'establishment' in accordance with the Property Transfer Act Program. In addition, site investigation activities have been conducted at the Amerbelle property under the Brownsfield Targeted Site Assessment Program through the Environmental Protection Agency (EPA), Region 1. Ano-Coil Pond abuts the site to the south, and Ano-Coil, Inc., a lithographic manufacture abuts the Site to the west.

The scope of services comprising this Phase I ESA was conducted to provide a reasonable level of investigation to identify recognized environmental conditions. As defined by ASTM standards, the term *recognized environmental conditions* (RECs) means the presence or likely presence of any hazardous substances 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 even under conditions in compliance with the laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate government agencies.

This assessment has identified the following RECs at the subject property:

- **REC #1** – Historic site usage as former fireproof paint, wax and insecticide manufactures
- **REC #2** – 1,000-gallon AST located within northeast corner of basement
- **REC #3** – Twelve (12) 425-gallon ASTs located on exterior concrete platform
- **REC #4** – Former 1,000-gallon UST located beneath collapsed building
- **REC #5** – Two former 2,000-gallon USTs located beneath loading dock
- **REC #6** – Exterior 4,000-gallon UST located along northern portion of building
- **REC #7** – Potential USTs located along northern portion of building
- **REC #8** – Abutting Brownsfield Site

One data gap was identified during this Phase I ESA. Site reconnaissance activities revealed the presence of debris and material located on the basement floor that prevented a full view of the basement floor for staining, drains and other environmental concerns. While this does not in itself constitute a REC, it does represent a significant data gap.

1.0 INTRODUCTION

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (Phase I ESA) on the property located at 98 East Main Street in Rockville, Connecticut (collectively referred to as the Site or subject property). The Site town is also referenced as Vernon, Connecticut, as Rockville is considered a historic portion of Vernon. The Site, located along the southern side of East Main Street, consists of approximately 1.0 acre of land. A Site Location Map (**Figure 1**) and Site Plan (**Figure 2**) are provided in **Appendix A**.

1.1 Purpose

Apex has prepared this Phase I ESA at the request of Ms. Barbara Cantor of Daniels Management, Inc. The purpose of this Phase I ESA is to perform appropriate and reasonable level of inquiries into the current and previous ownership and uses of the subject property consistent with good commercial or customary practice for a possible transaction involving the subject property and to permit a User to qualify for one of the landowner liability protections as identified by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

1.2 Scope of Services

This Phase I ESA was performed in general conformance with American Society of Testing and Materials (ASTM): Standard Practice for ESAs: The Phase I ESA Process, Designation E1527-05 and the U.S. Environmental Protection Agency's (EPA's) Standards and Practices for All Appropriate Inquiries, 40 CFR Part 312 and Apex's proposal (CT2011-117) to Ms. Barbara Cantor, Daniels Management, Inc., Vernon, Connecticut dated August 17, 2011. The collection and analysis of building materials, soil, groundwater, air or soil vapor for environmental analyses (e.g., asbestos, lead paints, mold, or radon) was not included in the Phase I ESA scope of work.

The scope of services comprising this Phase I ESA was conducted to provide a reasonable level of investigation to identify recognized environmental conditions. As defined by ASTM standards, the term *recognized environmental conditions* (RECs) means the presence or likely presence of any hazardous substances 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 even under conditions in compliance with the laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health

or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate government agencies.

1.3 Significant Assumptions

Apex has performed the historical and environmental record searches in general accordance with current ASTM and industry practice. The data, findings, and conclusions presented in this Phase I ESA are based upon a detailed search, review, and analysis of the documents and interviews as well as observations made during the subject property reconnaissance.

Conclusions reached regarding the conditions of the subject property do not represent a warranty that all areas within the Site are of a similar quality as may be inferred from observable subject property conditions and available subject property history. As stated in the ASTM standard, no Phase I ESA can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the subject property. Apex's evaluation and analysis are intended to reduce, not eliminate, the potential for conditions that result in liability for the end user of this Phase I ESA.

1.4 Limitations and Exceptions

This report was prepared as a result of a contractual agreement that defined the approach and scope of services to be employed during the course of the investigation. The opinions and conclusions expressed in this study have been based strictly on the results of these contracted services. The scope of this Phase I ESA is intended to aid in the evaluation of RECs. The services provided by Apex should not be construed as a warranty or guarantee that no RECs exist at the Site or that all RECs have been uncovered. No conclusions are stated or implied concerning the suitability of the subject property for its eventual use. This document is not intended for purposes other than those expressly set forth herein or for use by parties other than for whom it has been prepared.

As limited by the ASTM Standard for Phase I ESAs, and Apex's scope of work, this Phase I ESA project was non-intrusive in nature and did not include any sampling or testing of soils, groundwater, surface water, or other materials. Additionally, Apex's Phase I ESA scope of work explicitly excluded sampling for asbestos, lead-based paints and radon, as well as determination/delineation of wetlands, regulatory compliance, cultural resources, mold, industrial hygiene, health and safety, ecological resources, endangered species, and high voltage power lines.

In an attempt to meet the prior use requirements of ASTM E1527-05, Section 4.6, Apex reviewed reasonably ascertainable and other practically reviewable historical sources. Apex reviewed the following historical sources:

- Historic aerial photographs for the years 1941, 1959, 1962, 1965, 1972, 1980, 1985, 1990-91, 1997, 2005, 2006, and 2008;
- U.S. Geological Survey (USGS) topographic quadrangles dated 1892 (Tolland), 1967 (Rockville and Ellington), 1972 (Rockville and Ellington), 1984 (Rockville and Ellington);
- City directory summary detailing owners/occupants and dates of occupancy listings for the years 1962, 1966, 1970, and1987; and
- Certified Sanborn (fire insurance) maps for the years 1885, 1892, 1897, 1903, 1911, 1921, 1946, and 1961.

Sanborn Fire Insurance Maps provide detailed information of specific areas of cities and towns. These details may include, but are not limited to building location, construction and usage, additional outbuildings (sheds, garages, barns, etc) and potential tank (above or underground) locations.

The ASTM Standard Practice for Phase I ESAs requires that site history be evaluated dating back to 1940 or prior to the first observable use of a property, whichever is earlier. Historic documents indicated that the Site was developed circa 1855.

Additional historical documentation was reviewed at the Connecticut Department of Energy and Environmental Protection (CTDEEP). Results from these inquiries are provided in **Section 4.3**.

One data gap was identified during the Phase I ESA. A full discussion concerning the data gap is presented in **Section 7.0**.

1.5 Special Terms and Conditions

This project was performed in accordance with scope of work, terms and conditions and limitations stated in Apex's proposal (CT2011-117) to Ms. Barbara Cantor, Daniels Management, Inc. of Vernon-Rockville, Connecticut dated August 17, 2011. There are no other special terms or conditions concerning this project.

1.6 User Reliance

This report documents the Phase I ESA of the subject property performed by Apex in accordance with Apex's proposal (CT2011-117) to Daniels Management, Inc. dated August 17, 2011. The findings, opinions, and conclusions of this Phase I ESA are for the exclusive use of Daniels

Management, Inc. Reliance on this report for any use, or by parties other than specifically stated, is prohibited without the expressed written consent of Apex, and such use is at the sole risk of the user. This document is not intended for purposes other than those expressly set forth herein, or for use by parties other than for whom it has been prepared, and third parties use this report at their own risk.

2.0 SITE DESCRIPTION

2.1 Site Location

The subject property is located at 98 East Main Street in the Town of Rockville (Vernon), Connecticut (collectively referred to as the Site or subject property). The Site, located along the south side of East Main Street, consists of approximately 1.0 acre of land. The subject property is further identified as Map 40, Block 117, Lot 5 listed on Volume 372, Page 286 of the municipal book of deeds.

According to the Town of Vernon Tax Assessor Card, the Site is currently owned by Daniels Management, Inc. The following table summarizes the Town of Vernon Tax Assessor's Card information, a copy of which is provided in **Appendix B**.

TABLE 2-1
Tax Assessor Card Information Summary

Address: 98 East Main Street
Map/Block/Lot: 40-117-5
Total Land Size: 1.0 acre
Number of Buildings: 1 - 36,400 square foot, 4 story, Light Manufacturing building
Year Built : 1855

2.2 Site and Vicinity General Characteristics

The Site is located in a mixed commercial/industrial and residential area of Vernon, Connecticut and is zoned Historic District Industrial (HD-I). The property boundary is an irregular shape; a somewhat rectangle shape oriented in an east-west orientation along the southern side of East Main Street. A portion of the property extends to the south on the western side of the property.

The property is occupied by a single building located on the eastern and southern portion of the Site. The western portion of the property is a narrow bituminous asphalt parking area. According to the Town of Vernon ArcGIS database the property boundary includes a small portion of the Ano-Coil Pond. Tenants that currently occupy the building includes: Daniels Management, Inc, mini-storage units, a metal shop, and musical band practice/recording offices.

Site topography slopes to the west. There are dams in the general vicinity of the Site that are associated with the Hockanum River that connects the Paper Mill Pond located to the east of the Site and Ano-Coil Pond. The dams are associated with the western/southern abutting company (Amerbelle) and at the southern portion of Ano-Coil Pond.

East Main Street abuts the site to the north and beyond lies residential buildings and the businesses identified as Shelter Services and Cornerstone Foundation, Inc. Amerbelle (cloth dying industry) abuts the site to the east and south. Ano-Coil Pond abuts the site to the south and Ano-Coil abuts the site to the west.

2.3 Current Use of Adjoining and Surrounding Properties

Apex performed a reconnaissance of adjacent and surrounding properties in an attempt to identify visual evidence of apparent or potential sources of environmental concern. Abutting to the north across East Main Street from the subject property there are residential buildings and two buildings associated with Shelter Services and Cornerstone Foundation, Inc. Abutting the Site to the west and south is Amerbelle Textile, a facility that provides coating, dyeing and finishing process to textiles. Ano-Coil Pond abuts the site to the south and Ano-Coil, Inc, a manufacture of digital and analog aluminum lithographic plates abuts the site to the west/southwest. Ano-Coil is located hydraulically downgradient from the subject site.

3.0 USER PROVIDED INFORMATION

ASTM E1527-05 defines "User" as the party seeking to use Practice E1527 to complete an environmental site assessment of the subject property. Apex understands that Daniels Management, Inc. is the User as defined by ASTM E1527-05. ASTM E1527-05 specifies that certain tasks associated with identifying potential recognized environmental conditions at the subject property should be performed by the User and provided to the Environmental Professional (i.e., User Responsibilities). Accordingly, Apex provided a Questionnaire to Daniels Management, Inc. requesting specific information.

The User Questionnaire included requests for information on the following: environmental liens and AULs that are filed or recorded against the subject property; "specialized knowledge" of the User; relationship of the purchase price to the fair market value of the subject property if it were not contaminated; commonly know or reasonable ascertainable information; the degree of obviousness of the presence of likely presence of contamination at the subject property, and the ability to detect the contamination by appropriate investigation; proceedings involving the subject property; the reason for performing the Phase I ESA and other information/documents (e.g., site plan, ALTA survey, etc.).

In accordance with Section X.3 of ASTM E1527-05, Ms. Barbara Cantor of Daniels Management, Inc. completed the User Questionnaire. The completed User Questionnaire is provided in **Appendix C**. **Table 3-1** summarizes the User provided information.

TABLE 3-1
USER PROVIDED INFORMATION

Data Type	Information Provided
Environmental Cleanup Liens and Activity and Use Limitations	Ms. Cantor indicated no awareness of any environmental liens or activity and use limitations.
Specialized User Knowledge	Ms. Cantor indicated no specialized knowledge regarding the property and/or property usage.
Valuation Reduction for Environmental Issues	Ms. Cantor indicated a purchase price for the property has not been established.
Commonly Known or Reasonably Ascertainable Information	Ms. Cantor indicated the Site formerly manufactured cotton under garments then manufactured wool cloth. The property was then sold to Kaplan Brothers. Ms. Cantor indicated the building use once sold to the Kaplan Brothers is unknown.
Reason for Performing Phase I ESA	This ESA was performed at the request of Ms. Cantor in anticipation of selling the real estate property.
Property Transaction and Use Following Transaction	Ms. Cantor indicated the anticipated type of property transaction was "for sale".
Other User Provided Information	Ms. Cantor indicated that former and/or current tenants of Daniels Management included: mini-storage units, wood working shop, welder, Challenge Sailcloth, production of motorcycle seats, musical band use/practice.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

Apex reviewed information gathered from the United States Environmental Protection Agency (USEPA) and the State of Connecticut environmental databases through Environmental Data Resources, Inc. (EDR) to evaluate activities on or near the subject property. EDR reviewed databases compiled by Federal and State of Connecticut government agencies. The information is reported as Apex received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Apex or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. A summary of EDR Standard and Additional Environmental Records Sources researched is provided on **Table 4-1** and **4-2**, respectively.

A review of Federal and State agencies researched by EDR identified the Site as being listed in the following EDR-researched databases:

- Spills: A spill of 110 gallons of glue, listed as Case Number 9803063, occurred on March 19, 1998 at 98 East Main Street in Vernon, Connecticut. The source of the spill was reported from two leaking drums and the status of the spill is listed as "closed". No additional information was provided.

A total of fifty-six (56) listings of properties within searched databases were located within the ASTM search radius with a total of forty (40) listings indicating properties located within a ¼-mile distance of the subject property. Certain properties listed within ¼-mile distance of the Site are briefly presented below.

Amerbelle Corporation, Amerbelle Textiles, and/or Amerbelle Textiles-Dye and Treatment of Fabric Production, located at 104 East Main Street, was identified as being included in the MANIFEST, UST, RCRA-SQG, FINDS, AIRS, LWDS, and US BROWNFIELDS databases. The property at 104 East Main Street abuts the Site to the east and south. The following summarizes the information associated with 104 East Main Street:

- The UST database indicates that four (4) underground storage tanks (USTs) were removed. The tanks removed included two (2) 20,000-gallon used oil tanks that were installed in 1950 (date last used listed as 1989), one (1) 5,000-gallon gasoline UST that was installed in 1972 (date last used listed as 1993), and one (1) 3,000-gallon gasoline UST that was installed in 1972 (date last used listed as 1993).

- The property is listed as a RCRA Small Quantity Generator (SQG) for 2011 and 1980. However, the facility was listed as a Large Quantity Generator (LQG) for several years between 2000 and 2010. Hazardous waste codes include: D001, D035 (Methyl Ethyl Ketone), D039 (tetrachlorothethlyene), D006 (cadmium), D008 (lead), D022 (chloroform), F002 (waste solvents), and F005 (waste solvents).
- Waste manifests were listed for the site between 1987 and 2007. Wastes listed include flammable liquids, flammable solids, petroleum distillates, methyl/ethlyl/ketone/toluene, PCE. Hazardous waste codes included: D001, D008, D035, D039, F002, F005 and F006.
- Notices of violations are listed for the site. The 'date violation determined' is listed as 1986 and 2002, with 'date achieved compliance' listed as 2004 and 2011. The enforcement actions are identified as field notice of violation, initial civil judicial action for compliance and/or monetary penalty, referral to attorney general, final 3008 (A) compliance order and written formal. Compliance dates are recorded for the listed violations.
- An AIRS Permit was issued on April 23, 1981 for the main boiler and on October 14, 1983 for a CE 109 Thermal Oxidizer.
- The property is listed in the US Brownsfields database. A Phase II Environmental Assessment was listed for the owner, Hockanum Industrial Development and Venture Corp. The database indicates the following contamination found in groundwater and soil. The contaminants listed include: metals (lead), PAHs petroleum, volatile organic compounds. No additional information was provided.

Due to the close proximity of Amerbelle Corporation to the subject site, the potential for off-site migration of contaminants from Amerbelle Corporation are likely.

112 East Main Street, located approximately 281 feet to the southeast and potentially hydraulically upgradient relative to the Site, was listed in the MANIFEST database as an emergency response. Dinitrophenol waste was listed on a 1997 waste manifest. Due to the close proximity of Amerbelle Corporation to the subject site, the potential for off-site migration of contaminants from Amerbelle Corporation are likely.

Former Drake Sunoco, located at Rte 74 and Rte 31, located approximately 363 feet to southeast and potentially hydraulically upgradient relative to the Site, was listed in the LUST and CPCS database. No additional information was provided. Due to the close proximity of the former Drake Sunoco to the subject site, the potential for off-site migration of contaminants from the former Drake Sunoco is likely.

1 Grove Street, located approximately 369 feet to the southwest and potentially hydraulically upgradient relative to the Site, was listed in the UST database. A total of five underground storage tanks were removed from the site. The tanks included four 6,000-gallon gasoline USTs and one 550-gallon gasoline UST. Due to the close proximity and upgradient nature of 1 Grove Street to the subject site, the potential for off-site migration of contaminants from 1 Grove Street is likely.

Anco Coil Corporation, located at 60 East Main Street, was identified as being included in the MANIFEST, SDADB, NPDES, CT PROPERTY, LWDS, RCRA-SQG, TIS, FINDS and CPCS databases. The property is located approximately 441 feet to the west of the site and potentially hydraulically downgradient relative to the Site. Due to the apparent downgradient nature of the 60 East Main Street facility, the potential for off-site migration of contaminants from Anco Coil Corporation is not likely.

Ruth Holloman, located at 26 Pleasant Street, was identified as being included in the LUST and CPCS databases. The property is located approximately 486 feet to the east and potentially hydraulically upgradient relative to the Site. Due to the potential upgradient nature of 26 Pleasant Street to the subject site, there is a possibility that groundwater contamination is likely from 26 Pleasant Street.

Apollo Packing, located at 20 Mountain Street, was identified as being included in the MANIFEST, RCRA-Non-Gen, FINDS, SDADB, SPILLS, CT PROPERTY, and CPCS databases. The property is located approximately 1,012 feet to the north and potentially hydraulically side gradient relative to the Site. Due to the side gradient nature of 1 Grove Street to the subject site, the potential for off-site migration of contaminants from 1 Grove Street is not likely.

Some other listed properties, located within ½ mile of the Site, are noteworthy, although not likely to have directly impacted the Site, as listed below.

Tres Bon Drive-in Cleaners, located at 20 East Main Street, is listed in the SDADB, DRYCLEANERS, MANIFEST, RCRA-NON-GEN, and FINDS databases. Wastes removed from this location included PCE. The property is located approximately 1,292 feet to the west, southwest and is potentially hydraulically downgradient relative to the Site.

Gunter Reichl, located at 168 East Main Street, is listed in the LUST, SPILLS and CPCS databases. The EDR report indicates that approximately 23.92 tons of contaminated soil (#2 fuel oil) was removed from the location. The property is located approximately 1,736 feet to the east and is potentially hydraulically upgradient relative to the Site.

Information pertaining to these and other properties is provided in the EDR database search report as presented in **Appendix D**.

TABLE 4-1 STANDARD ENVIRONMENTAL RECORD SOURCES SUMMARY		
Environmental Record	**Search Distance (Miles)**	**Mapped Sites Recorded? (Number of Sites Recorded)**
Federal National Priorities List (NPL) Sites	1.000	No
Federal Delisted NPL Sites	1.000	No
Federal CERCLIS Sites	0.500	No
Federal CERCLIS NFRAP Sites	0.500	No
Federal RCRA CORRACTS Facilities	1.000	No
Federal RCRA Non-CORRACTS TSD Facilities List	0.500	No
Federal RCRA Generators List	0.250	Yes (2)
Federal Institutional Control / Engineering Control Registries	0.500	No
Federal Emergency Response Notification System (ERNS) List	TP	No
State – Hazardous Waste Site	1.000	Yes (1)
State – Site Discovery and Assessment Database	0.500	Yes (3)
State –Landfill	1.000	No
State – Recycling Facilities	0.500	No
State - Leaking Storage Tank (LUST) Sites	0.500	Yes (5)
State – Leachate and Wastewater Discharge Site (LWDS)	1.000	Yes (10)
State - Registered Underground Storage Tanks (UST)	0.250	Yes (5)
State - Aboveground Storage Tanks (ASTs)	0.250	No
State – Manifest	0.250	Yes (19)
State – Spills	**TP**	**Yes (Target Property)**
State – ELUR Sites	0.500	No
State - Voluntary Remediation Site	0.500	No
State - Dry Cleaners	0.250	Yes (1)
State – Brownfields	0.500	No
State – ENF	TP	No
State – Chemical Drug Laboratory	TP	No
State – NPDES	TP	No
State – AIRS	TP	No

TABLE 4-2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES SUMMARY		
Environmental Record	**Search Distance (Miles)**	**Mapped Sites Recorded (Number of Sites Recorded)**
State – CT Property	TP	No
Federal Proposed NPL	1.000	No
Federal Hazardous Materials Information Reporting System (HMIRS)	TP	No
Federal Department of Defense (DOD) Sites	1.000	No
Federal Formerly Used Defense Sites (FUDS)	1.000	No
US Brownfields	0.500	Yes (1)
Federal Superfund (CERCLA) Consent Decrees (CONSENT)	1.000	No
Federal Records of Decisions (ROD)	1.000	No
Federal Uranium Mill Tailings Sites (UMTRA)	0.500	No
Federal Open Dump Inventory (ODI)	0.500	No
Federal Toxic Chemical Release Inventory System (TRIS)	TP	No
Federal Toxic Substance Control Act (TSCA)	TP	No
Federal FIFRA/TSCA Tracking System (FTTS) - Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) / Toxic Substances Control Act (TSCA)	TP	No
Federal Section 7 of FIFRA Tracking System (SSTS)	TP	No
Federal Integrated Compliance Information System (ICIS)	TP	No
Federal PCB Activity Database System (PADS)	TP	No
Federal Material Licensing Tracking System (MLTS)	TP	No
Federal Mines Master Index File (MINES)	0.250	No
Federal Facility Index System / Facility Registry System (FINDS)	TP	No
Federal RCRA Administrative Action Tracking System (RAATS)	TP	No
Manufactured Gas Plants	1.000	No
Debris Region 9	0.500	No
Contaminated or Potentially Contaminated Sites (CPCS)	0.500	Yes (7)

TP = Target Property, NS = Not Searched

Orphan Summary

An Orphan Summary included in the EDR database report provides limited information on sites. Due to poor or inadequate site information, these orphan sites could not be mapped by EDR. Apex representatives reviewed the EDR Orphan Summary and attempted to locate any potential sites in the vicinity of the subject property. Based upon the limited information provided, no orphan sites are identified within close proximity of the Site.

4.2 Additional Environmental Record Sources

The ASTM E1527-05 standard provides for review and analysis of additional environmental record sources during the performance of a Phase I ESA at the discretion of the environmental professional. Relevant factors in determining whether additional environmental records sources should be reviewed include, but are not limited to:

- The completeness of data provided by standard environmental record sources;
- Whether additional environmental records sources are reasonably ascertainable;
- Whether additional environmental record sources are useful, accurate, and complete in light of the records review objectives; and
- Whether additional environmental record sources are customarily obtained pursuant to the type of commercial real estate transaction involved.

No additional record sources were reviewed as part of this Phase I ESA.

4.3 Connecticut Department of Energy and Environmental Protection (CTDEEP) File Review

On September 28, 2011, an Apex representative conducted a file review at the CTDEEP office in Hartford, Connecticut. CTDEEP files researched included the following:

Bureau of Materials Management and Compliance Assurance

- Oil & Chemical Spills (OCS) reports;
- RCRA Facilities;
- Waste Manifests Database;
- Underground Storage Tank;
- Leaking Underground Storage Tank; and
- Permitting and Enforcement Division.

and

Bureau of Water Protection and Land Reuse

- Remediation Division; and
- Discharge Permits, Monitoring, and Correspondence.

The CTDEEP file search revealed several documents pertaining to various aspects of the Site, as described below.

OCS

A release of 110 gallons of glue from two leaking drums to the ground surface was reported on May 19, 1988, Case No. 98-03063. The cause of the incident is listed as unknown and the release status is listed as closed.

Hazardous Waste Files

The DEEP Files indicated a Complaint (#09-046) recorded on March 17, 2009 indicating an abandoned tank in Ano-Coil Pond. The file indicates that the pond was lowered approximately 10 feet in order to remove the abandoned tank and other debris, which included a propane generator and furnace. The removal activities were reported to have occurred on March 7, 2009. The DEEP notes indicate that the 'tank most likely not petroleum, abandoned improperly (waste)'. Additional notes indicate that an inspection occurred at Albi Manufacturing, a former paint manufacturer, on April 8, 1982. The inspection indicated that there was nothing left on-site as Albi moved from the site in the late 1970s and Daniels Warehousing began operations.

A site inspection was conducted at Daniels Warehouse on February 24, 1986 in response to a complaint (#832) of waste disposal into the river. The inspection concluded that there was no hazardous waste disposal, generation or storage occurring at the Site, and that no hazardous material was disposed in the river.

An Industrial Process Waste Mailer Questionnaire indicated that Albi Manufacturing Corp produces fire retardant paint and fire proofing systems and was issued a Standard Industrial Code (SIC) of 3471. SIC 3471 is categorized as Division D: Manufacturing; Major Group 34: Fabricated Metal Products except Machinery and Transportation Equipment; Industry Group 347: Coating, Engraving and Allied Services; 3471: electroplating, plating, polishing, anodizing, and coloring. The document indicates that solvent recovery from off-spec latex paint and grinding/millings of paint production are hauled off-site.

A Hazardous Waste Inspection occurred on April 8, 1982. The inspection form indicated that Daniels Warehouse (furniture) currently occupy the building and that Albi Manufacturing (Albi) moved from the building approximately 1975-1976. Albi reportedly produced fire retardant paints and mastic (coating). The processes included the grinding of powder and solvents to produce paint, mixing, rinse with HCL, drying and packing and canning. According to a 1977 CTDEP P-5 Form, Albi discharged materials with a 'pH of 2.5 to 3.0, no pretreatment, direct discharge to Hockanum composed of HCL rinse and pyro-phosphate powders and various solvents." The P-5 form indicates that 'sludge pumped in sump – leaches to river' and 'should have pretreatment before discharge to sewer'. Reportedly, 7,580 gallons of sanitary sewage, industrial wastes and clean discharges were discharged to the sanitary sewer. Two P-5 forms dated 1970 and 1974 for Albi indicated that industrial wastes were trucked away and that sanitary sewage, clean discharge (cooling water) and/or boiler water, and industrial waste were discharged to the sanitary sewer.

CTDEEP Files on Properties in Site Vicinity

The CTDEEP file search also revealed files and emergency incident reports for various properties in the immediate and greater vicinity of the Site.

A summary of reported OCS in the immediate vicinity of the site from between 1996 to current include:

Case No.	Date of Release	Reported Release Location	Release Description	Status
1996-03740	7/19/1996	Brooklyn Street	55 gals. unknown chemical	Closed
1997-02526	5/19/1997	104 East Main St.	80 gals. hydraulic oil discharged to river	Closed
1997-07005	12/3/2007	East Main & Grove	massive propane leak	Closed
1998-05963	9/3/1998	Main/Brooklyn St.	1 gal transformer oil to ground surface	Closed
2000-01003	2/17/2000	104 East Main	2 gals. 50% liquid caustic to ground surface	Closed
2001-02261	4/10/2001	104 East Main St.	5 gals. eco-soft (non-haz fabric softener)	Closed
2001-09286	11/6/2001	104 East Main Street	4 gals. sulfuric acid inside building	Closed
2005-05344	8/13/2005	Brooklyn St. Pole 11	<20 gals. of transformer oil.	Closed
2005-00736	10/28/2005	104 East Main Street	<10 gals. ammonia inside building	Closed
2008-07351	11/20/2008	East Main & Prospect	1 gal. antifreeze to roadway	Closed
2009-04815	8/25/2009	104 East Main St.	3 gals. 50% castium caustic soda solution	Closed

A CTDEEP file review revealed that the abutting property, occupied by Amerbelle Textiles (Amerbelle), with an address of 104 East Main Street and 5 Brooklyn Street, has filed a Form III for the transfer of the business in 2004. The Amerbelle site is defined as an 'Establishment' in accordance with the Property Transfer Act Program (Transfer Act, Connecticut General Statutes [CGS] Section 22a-134[3] of the CGS as amended by Public Act 01-204), commonly known as the Transfer Act. In addition, site investigation activities have been conducted at the Amerbelle property under the Brownsfield Targeted Site Assessment Program through the Environmental Protection Agency (EPA), Region 1.

A review of the volume of environmental files associated with the Amerbelle property is beyond the scope of work contracted to perform this Phase I Environmental Site Assessment for Daniels Management. However, a brief listing of notable environmental activities include:

- Order Number WC 4561 issued on August 17, 1987 by the CTDEEP for Amerbelle Corporation to Abate Pollution.
- Several former and/or current permits associated with Amerbelle include: NSR Permit to Construct and Operate a Stationary Source of Air Pollution, Registration for General Permit to Limit Potential to Emit from a Major Stationary Source of Air Pollution; Air Management Bureau process and/or fuel-burning equipment registrations, State Pretreatment Discharge Permit, NPDES Discharge Permit, Registration for General Permit for the Discharge of Minor Non-Contact Cooling and Heat Pump Water, Water Diversion Registration, and Dam Registration.
- An Environmental Condition Assessment Form and a Form III for the transfer of business of an establishment was submitted to the CTDEEP in March 2004. The ECAF identified 21 Recognized Environmental Conditions or potential release areas associated with the Amerbelle property. In addition, a total of 32 oil and chemical spills were identified for the site and vicinity between 1984 and 2002.
- Phase I report prepared by GeoDesgin, Inc. in 2004 identified 21 Areas of Concern at the property.
- Phase I and II Environmental Site Assessment, GeoDesign, Inc., February and March 2004 indicated that volatile organic compounds (VOCs), extractable total petroleum hydrocarbons (ETPH) and formaldehyde were detected in soils. In addition, groundwater at the site is reportedly impacted with VOCs, ETPH, arsenic, copper and zinc (off-site town well).
- Limited Phase II / Limited Phase III Environmental Site Assessment, Fuss & O'Neill, December 2009 indicated that a release of hazardous material or petroleum have occurred in soil and/or groundwater in eleven of the previously identified AOCs. AOC 18 (Amerbelle Building No. 8) and AOCs 19 and 20 (Amerbelle Building No. 11) were identified as areas were releases to soils and/or groundwater has occurred. AOCs 18, 19 and 20 abut the Site to the south. In addition, the December 2009 Limited Phase II / Limited Phase III (Fuss & O'Neill) indicated the potential concern for PCE vapor intrusion into Buildings 8 and 11. The report also indicated 'it is unknown whether these plumes have migrated off-site to affect either the Paper Mill Pond or the north abutting property.'

Copies of the related documents obtained at the CTDEEP are included in **Appendix E**.

4.4 Environmental Liens

The subject property is located at 98 East Main Street in Rockville, Connecticut. The Site, located along the south side of East Street, consists of approximately 1.0 acres of land. The Site is further identified as Map 40, Block 117, Lot 5 and listed on volume 372, page 286 of the municipal book of deeds. The deed reference that there are three parcels of land, as detailed in Schedule A (volume 372, pages 287-288) that encompass the Site.

A review of the municipal book of deeds did not identify environmental liens, activity and use limitations (AUL), engineering controls (EC), or institutional controls (IC) related to the subject property.

There were multiple deed files within the Town of Vernon Town Clerk files associated with the subject site. These deed files include quit-claim deeds, warranty deeds, liens (tax), releases, and mortgages deeds. Copies of associated deeds and listings are provided in **Appendix B**.

4.5 Physical Setting Sources

Sources consulted to characterize the physical setting of the subject property are identified in **Table 4-3**, below. Municipal files were reviewed on September 27, 2011 and the Vernon Historical Society files were reviewed on October 6, 2011.

TABLE 4-3
PHYSICAL SETTING SOURCES

Data Type	Data Source
Assessor	The Town of Vernon Assessor's Office
Building	The Town of Vernon Building Department
Town Clerk	The Town Clerk Deeds
Planning	The Town of Vernon Planning Department
Engineering/Wetlands	The Town of Vernon Engineering Department
Fire	The Town of Vernon Fire Marshall Department
Health	North Central District Health Department
Administration	The Town of Vernon Administration Office
Historical	Vernon Historical Society
Topography/Slope/Setting	The Town of Vernon Planning and Zoning Department; U.S. Geological Survey, CTDEEP Geographic Information Systems (GIS); EDR.

A summary of the file review conducted at the municipal files is summarized below:

Tax Assessor

Historic Tax Assessor's Card for 1990 and 1981 were available for review. There was no additional pertinent information provided on the historic tax cards.

Planning Department

On November 21, 2008 portion of a loading dock and associated storage building collapsed into the Ano-Coil Pond as a result of a sprinkler system failure. An application (IWC-2010-07) was submitted in 2010 by Ms. Barbara Cantor for the restoration and reconstruction of a retaining wall and storage building. Public hearings were held on February 22 and March 22, 2011. Correspondence dated April 26, 2011 from JR Russo and Associates, LLC to the Inlands / Wetlands Commission to withdraw the application for a permit to conduct the reconstruction activities in a regulated area.

A summary of the maps reviewed in the Planning Department is presented below:

- Zoning Map, GIS, 9/13/2011. The Site is zoned as HD-1, Historical District-Industrial (also referenced as Rockville Historic District).
- Wetlands Flood Zones and Areas Within 200 ft of a Waterbody or Watercourse, Town of Vernon, January 1992. The Site is located within 200 ft of a waterbody and watercourse buffer.
- FIRM Flood Insurance Map, Town of Vernon, Tolland County, Panel 090131 0005 C, Revised 1999. A portion of the Site is located within Zone AE. Zone AE is defined as special flood hazard areas inundated by 100 year flood, base elevations determined. A portion of the Site is located within Zone X. Zone X is defined as areas determined to be outside 500 year flood plan.
- Unconsolidated Aquifers, Aquifer Management Study, Town of Vernon, August 1992. The Site is located within stratified drift aquifer and primary recharge area.
- Inland Wetland and Watercourse Map, 1"=100'. The Site is located adjacent to wetland/watercourse areas.

Engineering / Wetlands

A Cease and Correct Order dated January 9, 2009 was issued to Ms. Barbara Cantor. The order indicated that the material that had fallen into the Hockanum River (Ano-Coil Pond) was in violation of the Vernon Inland / Wetlands and Watercourse Regulations. A Show Cause hearing was scheduled for January 27, 2009 to provide Ms. Cantor the opportunity to show cause why the order

should not remain in effect. A Notice of Violation dated February 13, 2009 was issued to Daniel's Management, Inc. for a public health violation. The partial building collapse that occurred on November 20, 2008 also severed the sewer line allowing sewage to discharge into the surface water of the abutting pond. There were several electronic mail correspondences between Town of Vernon Departments and the CTDEEP regarding the concern of the safety of the downgradient dam (DEP Dam #14601), sewage pollution, debris and an apparent 1,000-gallon tank in the pond. The 1,000-gallon tank was located beneath the storage building and fell into the pond when a portion of the building collapsed. It was documented that the 1,000-gallon tank was empty and corroding before the building collapse occurred. The files indicate that tank may have contained oil.

The Town Engineering Technician and Wetlands Enforcement Office, Mr. Craig Perry, indicated at there was no sheen present on the pond the time the town inspected the debris and tank within Ano-Coil Pond. In addition, Mr. Perry indicated that the collapsed building, debris and tank were cleared and repaired to the satisfaction of the Inlands / Wetlands Commission.

Building Department

Several documents and correspondence that were in the Engineering Department files associated with the collapsed building were also in the Building Department files. A Notice of Unsafe Structure was issued to Daniels Management, Inc. on January 22, 2009. The notice indicated that the partially collapsed storage building must be demolished.

There were multiple permit applications submitted and permits issued between 1969 and 1991 for the subject property. Many applications and permits were associated with the installation / inspections of a sprinkler system, heating permits, electrical permits, signage, installation of metal chimney, and new steel fire escape. A Notice of Building Code Violation was issued on July 22, 1996 for a fence around an open pit that was not repaired.

Building applications and permits issued of note are summarized below:

- Permit #8035, March 23, 1983 for the demolition of paint mixing tower-south side of 98 E. Main Street, 14'x1'x3 stories.
- Permit #10279, November 12, 1971, construct concrete tank support platform adjacent to building and elevator shaft to support tanks for solvent presently in mill building to improve safety standards.
- Permit # 8682, October 31, 1969, replace roof on loading dock, replace underground tank leaked with 4,000 gallon tank, relocate transformers from pad to pole, add 10'x48' to existing loading dock, relocate electrical service. A document from the

applicant references two 2,000-gallon oil tanks are located under Albi Manufacturing loading dock.

Two Hazardous Material Surveys were on record for the subject site. The surveys are summarized below:

- 1988 Hazardous Material Survey for C&C Products. Materials listed included: 101 to 500 gallons of lacquer base, less than ten gallons of kerosene, and less than ten gallons of adhesive (contact).
- 1989 Hazardous Material Survey for Northland Industries, a metal shop. Hazardous materials stored included less than ten gallons of methylene chloride dichloromethane and less than ten gallons of naptha.

Fire Marshall

A heating permit (#790) was issued to Albi Manufacturing on July 11, 1962 to install three 1,000-gallon tanks to hold solvents. The permit documentation indicates 'three windows to be locked Tanks to be covered with sand and cement top'.

There were files associated with the abutting property 104 East Main Street, occupied by Amerbelle Textiles. A brief summary of the files associated with 104 East Main Street include:

- CTDEEP Underground Storage Tank registration forms indicate:
  - Two 20,000 gallon waste oil tanks (tank A1 and A2), installed in 1948 were removed in October 1989. A tank failure is listed as July 10, 1989.
  - One 5,000-gallon and one 3,000-gallon tanks (B1 and C1, respectively), installed in 1972 are currently in use. Tank failure dates are listed as March 12, 1991 and April 16, 1990, respectively.
- Correspondence dated December 20, 1998 indicated 20,000 gallon USTs to be removed by July 1, 1991.
- A release of 50-gallons of hydraulic fluid spilled into the Hockanum River in May 1997 from a ruptured freight elevator at Amerbelle.
- In December 1997 a massive propane leak occurred at the 30,000-gallon propane AST.
- Tier 2 Emergency and Hazardous Chemical Inventory forms from 1993, 1997, 1995 and 2011 were on-file. Materials listed on the inventories for Amerbelle for these years included:
  - #2 fuel oil, propane, sodium hydroxide, sulfuric acid, toluene, zinc nitrade, 1,4-diethylene dioxide, potassium hydroxide, thiourea, 1,1,1-trichloroethlyene, acetic acid, formaldehyde, ammonium hydroxide, sodium hydroxide, xylenes, ethyl benzene, and/or MEK.

North Central Health Department

The North Central Health Department files were not available during the municipal file review.

Vernon Historical Society

The Vernon Historical Society files reviewed were limited to the general construction of the Site building and a machinery inventory from 1944. The 1944 machine inventory listed '2 small oil tanks'. There was no additional information regarding the tanks. There were two Town of Vernon

Industrial and Public Utility Reports from 1960 and 1970 that were reviewed. These reports detailed the building construction and appraised values. A notation in the 1970 reported indicated "1972 20x16 conc dike with roof added to store chemicals to keep them from polluting river should they leak". A map referenced the exterior concrete platform where the 12 approximately 425-gallon empty ASTs are located.

Town of Rockville Administration

The Town of Rockville Administration files were not available during the municipal file review.

Relevant Site features are depicted on **Figure 2**. Copies of municipal documents are included in **Appendix B**.

4.6 Site Geology and Hydrology

The *Connecticut DEEP Geological and Natural History Survey, 1985* indicates the prominent bedrock in the vicinity of the Site is Glastonbury Gneiss. This bedrock consists of grey, medium to course grained, massive to well-foliated granitic gneiss. According to the *Connecticut Environmental Conditions Online*, the surficial material underlying the Site consists of till, along with sand and gravel. However, site reconnaissance activities indicated that the pond formerly occupied the area where the existing parking lot is located. The pond had been backfilled at an unknown time to create the parking area.

Shenipsit Lake, is located less than one-mile northeast of the Site. The Hockanum River flows from Shenipsit Lake to Paper Mill Pond and subsequently to the Ano-Coil Pond. Paper Mill Pond is located to the southeast of the Site. The Ano-Coil Pond abuts the Site to the south; however, a small portion of the Ano-Coil Pond is situated on the Site. The *Connecticut Environmental Conditions Online* depicts the Shenipsit Lake surface water as Class AA. Waters classified as Class AA are designated for: existing or proposed drinking water supplies; habitat for fish or other aquatic life and wildlife; recreation; and water supply for industry and agriculture. Paper Mill Pond, Ano-Coil Pond and the Hockanum River surface waters are classified as Class C/B. Waters classified as Class C/B are designated for: habitat for fish and other aquatic life and wildlife; recreation; navigation; and industrial and agricultural water supply. However, due to point or non-point sources of pollution, certain criteria or one or more designated uses may not currently be met. According to the *Connecticut State Geographic Information System (GIS)* maps, there are several dams located in the vicinity of the Site. Dams are located along the western side of Shenipsit Lake, Paper Mill Pond, and Ano-Coil Pond.

The *Connecticut Environmental Conditions Online* map depicts the subject property as being located within a GB Groundwater Classification Area. The GB classification designates groundwater within a historically highly urbanized area or an area of intense industrial activity and where public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals or land use impacts. Based on localized topography, inferred groundwater flow direction in the immediate and greater vicinity surrounding the Site is predominately to the west flowing from Shenipsit Lake along the Hockanum River. An area located approximately 500 feet to the east of the Site, apparently hydraulically upgradient, is listed as a Groundwater Classification Area A.

The Connecticut Natural Diversity Database map not indicates there are critical habitats located on or abutting the Site. There are critical habitats located less than one-mile to the east of the Site, surrounding Shenipsit Lake.

4.7 Historical Use Information

Historical Topographic Maps

Apex contracted with EDR to conduct a search for historic topographic maps covering the Site and surrounding properties. Apex reviewed USGS topographic quadrangles dated 1892 (Tolland), 1967 (Rockville and Ellington), 1972 (Rockville and Ellington), and 1984 (Rockville and Ellington).

The 1967, 1972, and 1984 topographic maps depict the Site building in a developed area of Rockville. A small pond is depicted to the southwest of the Site and Paper Mill Pond is located to the southeast of the Site. The immediate area to the north and west is colored in pink on each of the historical topographic maps, denoting densely developed areas for which most individual buildings and residences are not depicted. However, the surrounding area to the east, south and southwest is developed by predominately residential buildings, with some commercial buildings depicted. Prominent features in the area, as shown historically on the topographical maps include two water tanks located on top of a knoll approximately 2.25 miles to the northeast. In addition, Hockanum River is depicted from western side of Shenipsit Lake connecting through Paper Mill Pond and further west. There are no significant development changes between the 1967 and 1984 topographic maps.

Copies of historical USGS topographic maps reviewed are provided as **Appendix F** to this report.

City Directory

Apex contracted EDR to conduct a search for City Directory listings for the Site and surrounding properties. EDR reviewed historic city directory listings and detailed business located at the Site in City directory summary detailing owners/occupants and dates of occupancy listings for the years 1962, 1966, 1970, and1987.

The listings for the subject property are as follows:

1962 – City Directory

- Albi Mfg Co. Inc. Paints
- Conversion Chemical Corp.
- Double B. Products Co. (paint mfrs)

1966 – City Directory

- Albi Mfg Co. Inc. Paints
- Double B Products Co (paint mfrs)

1972 – City Directory

- Albi Mfg Co. Inc. Paints
- Double B. Products Co. (paint mfrs)
- Gessays Outboard Shop
- Sport Center

1987 – City Directory

- A1 Enterprises
- C&C Products, Inc.
- Cantor Sol Electrical Contractors, Inc.
- Daniel's Warehouse, Inc.
- Furncace Brockers Inc.
- Hockanum Salvage, Inc.

Adjacent and nearby properties along East Main Street, included the historical listings between 1962 and 1987:

104 East Main Street

- Amerbelle Corporation, Amerbelle Corporation Textile Dyers, and Challenge Sailcloth

114 East Main Street

- Elm Motors, Inc., Mattesen Motors, Inc, and Auto Center Auto Repairs

93 East Main Street

- Display Unlimited, and New England Display Service

95 East Main Street

- No Return, Red Men's Club, IORM Hall

97 East Main Street

- Residential, Vacant

91 and 113 East Main Street

- Residential

Historical city directories documentation is provided as **Appendix F** to this report.

Aerial Photographs

Apex contracted with EDR to conduct a search for historic aerial photographs covering the Site and surrounding properties. Apex reviewed historic aerial photographs for the years 1941, 1959, 1962, 1965, 1972, 1980, 1985, 1990-91, 1997, 2005, 2006, and 2008.

The Site building is depicted in the 1941 aerial photograph. The surrounding area is highly developed with commercial and residential buildings in the immediate vicinity of the Site. There are vegetative areas located approximately 1,000 feet to the northwest and approximately 800 feet to the northeast. Partially vegetative areas are located approximately 1,500 feet to the south. Cleared areas are depicted further to the northeast and approximately 1,400 feet to the west. The 1959 aerial photograph is of relatively poor quality; however it appears consistent with the 1941 aerial photograph.

The 1962 aerial photograph is of smaller scale and depicts the immediate vicinity in more detail. The subject building is present in more detail, as well as the surrounding areas. Paper Mill Pond and Ano-Coil Pond are depicted to the southeast and south of the Site, respectively. The only additional development appears to be located approximately 1,500 feet to the northwest of the Site depicted as a cleared area in the 1941 aerial photograph. Two water towers are present approximately 1,250 feet to the northeast of the site. The 1965 aerial photograph is of relatively poor quality; however it appears similar to the 1962 aerial photograph. Additional development to

the northwest of the site is depicted in the 1972 aerial photograph. The 1980 and 1985 aerial photographs are of poor quality. However, there does not appear to be any significant development or changes in the immediate area of the Site.

The 1990 and 1991 aerial photographs are of better quality. There does not appear to be significant development or changes from the previous aerial photographs. The 2005, 2006 and 2008 photographs show the Site and surrounding area very similar to that of the present day. There does not appear to be any changes to the area since the 1990 photograph.

Historical aerial photographs reviewed are provided as **Appendix F** to this report.

Sanborn Fire Insurance Maps

Apex contracted EDR to conduct a search for historic Sanborn Fire Insurance Maps covering the Site and surrounding properties. The Certified Sanborn Map Report produced eight (8) map compilations based on Sanborn Fire Insurance map sheets from 1885, 1892, 1897, 1903, 1911, 1921, 1946, and 1961

The 1885 map depicts a building located on the subject property at the intersection of East Main Street and Prospect listed as the Sam Fitch's Knitting Mill, Carlisle Mill. The building uses were listed as a carpenter shop, coal storage, Belding Brothers & Co. Spool, packing and storage. There were three additional buildings depicted on the property listed as a horse shed (west), shed (east) and office (west). An area to the west is listed as 'Pond'. A feature identified along the western side of the Sam Fitch Mill is listed as IRCH 75' which is identified as an iron chimney. There are two unidentified structures within the southern portion of the building. These structures may be boilers. There were several mills abutting the Site. One mill that abuts the Site to the southeast is identified as Belding Bros. & Co. Sewing Silk Mill located at the intersection of Main Street, Brooklyn and Grove. The building uses included silk soaking and repair, spooling and cleaning, printing, dye house, drying and drugs. An additional building abutting the Site to the south was listed as the White Mfg Co. that lies on the northern side of Brooklyn Street. A dam is located between the Sam Fitch's Knitting Mill and the White Mfg Co. Mill. A water channel is shown from the Mill Pond to the White Mfg Co. Mill. The White Mfg Co included the Stone Mill and Dart Mill. A horse shed and a wood shed are also depicted on the map. Mill Pond is depicted to the southeast of the site, with a channel that runs from the Mill Pond to the southeastern portion of the White Mfg Co Mill. To the west of the 'Pond' lies the American Mills Co. where the building uses were listed as

dye house, wheel house, coal shed. Other surrounding buildings are listed as dwellings, storage, and Eaton's Livery.

The 1892 map shows a slight alteration to the building footprint, now listed as The S. Fitch & Sons Co Knitting Mill. The separate small office building depicted in the 1885 map appears to be connected to the primary mill building. In addition, a separate shed building to the east of the mill appears to have been raised, and the mill building expanded to the area of the former shed. The White Mfg Co. is now listed as the J.J. Regan Mfg Cotton Yarn. The building footprint is unchanged, however, the wood shed is no longer present. There were no apparent changes to the Belding Bros & Co. Sewing Mill, The American Mills Co., or other surrounding buildings.

The 1897 Sanborn map looks similar to that of 1892, with some minor changes. The channel identified in the 1841 map is now labeled as 'Race'. The 'Pond' located to the west of the Site building is now labeled Mill Pond. The Mill Pond appears to be smaller than what was depicted in the 1892 map. The northern and western portions of the pond appear to have been filled. In addition, there is now a dam depicted along the western side of the Mill Pond, between The S. Hitch & Sons Co Mill and The American Mill. There is a small building on the subject property depicted to the south of the shed. There is no description of the building use. Building footprints and building uses are relatively unchanged from previous listings.

The 1903 Sanborn Map depicts additional streets and buildings to the north and northeast of the Site. The buildings to the north and northeast are generally listed as dwellings. The S. Fitch & Sons Mill Co (the Site) depicted in the 1897 map is now listed as the J.J Regan Mfg. Co. Woolen Mill. The building uses are listed as wet finishing, coloring and storage, machine shop, storage and carding, weaving, knitting, dry finishing, spinning, packing, and dye house. The small out-building to the west is still listed as a shed. There are no significant changes to the abutting building footprints or uses.

The Site building is listed as Rockville Worsted Co. on the 1911 map. However, building uses are not listed, as the map indicates 'admission refused windows all sides'. In addition the J.J. Regan Mfc. Co Cotton Yarn Mill to the south of the site is now listed as the Belding Bors. & Co. Sewing Silk Mill. No other significant changes are depicted to the site and surrounding area.

The mills depicted in the 1921 Sanborn map appear unchanged. Approximately 100 feet to the north along Prospect Street a building is listed as 'garage' and depicts a 500-gallon gasoline underground storage tank.

The underground gasoline tank associated with the garage to the north of the subject property depicted in the 1921 map is no longer depicted in the 1946 map. Changes to the subject property include the building listed as a factory building, M.T. Stevens & Sons Co. 'Daniels Mills' Mutual Risk, Mfg Woolen Yarns. The shed and small out-building formerly located on the western side of the property is no longer present. A portion of the southwestern portion of the building listed as 'dye house' is no longer present. In addition, the iron chimney is no longer depicted along the eastern side of the building. The building footprint of the eastern and southern abutting mill, now listed as a factory building and the American Dyeing Company (formerly Belding Bros & Co. Sewing Silk Mill) remains unchanged, with the exception of the addition of a catwalk connecting the two buildings. An additional building is depicted on the property to the west, beyond the Mill Pond, now listed as a factory building and M.T. Stevens & Sons Co. (formerly The American Mills Co.). A filling station and auto repair building is depicted approximately 300 feet to the southeast of the subject site at the intersection of East Main Street, Grove, Pine Street and Grove.

The building depicted on the subject property is listed as Double B Products Co & Albi Mfg. Co. that manufactures paints, waxes and insecticides. The owners are listed as Benj. & Saml. Kaplan. A small office located on the western side of the building is no longer present. A small addition to the building is depicted on the southwestern portion of the building. The building footprint of the southern mill (American Dyeing Corporation) has changed that includes both additions to the building and a portion of the building raised. A large building now occupies the southern side of Brooklyn Street and is labeled as a factory building. Portions of the Race (channel) previously depicted aboveground appears to run beneath the new factory building and portions of the previously existing American Dyeing building. The western abutting buildings, immediately west of the dam, associated with the MT Stevens & Sons Co (1946) have been raised. The remaining buildings further west are listed as Granby Corp, owners.

A copy of the Sanborn map documentation is provided in **Appendix F**.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ms. Donna Kask (Apex) conducted Site reconnaissance on September 27, 2011. Weather conditions at the time of the September 27th inspection were sunny and clear with warm temperatures in the range of approximately 70 to 80 degrees Fahrenheit. Apex was met at the Site, granted access and shown the building by Mr. Solomon Cantor. Following the site walk Ms. Barbara Cantor, the property owner, was interviewed along with Mr. Cantor.

The Site reconnaissance consisted of a walk-through of the Site building and external portions of the Site. The following findings are reported as observed during the Site inspection.

5.2 Site Setting and Observations

There is one building located on the eastern portion of the site. The property and building lie predominately in an east to west orientation. A concrete side walk and East Main Street abut the site to the north. The western portion of the site is a bituminous asphalt parking area. There is a small strip of grass area along the eastern side of the building. The topography of the site slopes to the west.

The 4-story building was built circa 1855 and was constructed primarily of brick and masonry. In addition to the four floors, there is also a basement and attic. A loading dock is located on the western side of the building. Mr. Cantor indicated that there is a dry sprinkler system installed throughout the building. The building is heated by several separate electric and gas-fired furnaces. According to Mr. Cantor, there was a former water wheel located in the southern portion of the basement that ran off of the Hockanum River. The water wheel was replaced at some point with a turbine. The water sluice to this turbine has been sealed off and the turbine no longer functions. However, the remnants of the turbine remains recessed below the basement floor.

There is an exterior concrete platform area located along the southern portion of the building, adjacent to the elevator shaft. The concrete platform is access through one door that is located in the turbine room. Twelve approximate 425-gallon ASTs on the concrete platform that are stacked two-high. These tanks are reportedly empty and are visual inspection shows them to be significantly rusted and corroded. The former contents of these tanks are unknown, however, based upon documents reviewed during the site reconnaissance activities these tanks may have stored various solvents used in historic manufacturing operations. An estimated 1,000-gallon AST

is located in the northwestern corner of the basement. The tank appeared to be empty and there was no apparent staining in the vicinity of the tank. The former contents of the tank were unknown. Mr. Cantor indicated the contents may have been a chemical tank used in historic manufacturing operations.

The basement floor was predominately concrete. There was general debris, wood, drywall, etc located throughout the basement. There were several empty 55-gallon drums observed in the basement. According to Mr. Cantor, one 55-gallon drum is filled with hydraulic fluid, although this drum was not labeled. This drum appeared to be in good condition and there were no apparent leaks or dents in the drum, or staining on the floor in the vicinity of the drum.

The first floor was occupied by small offices and includes Sol Cantor Electrical Contractors. First floor building materials consist of wood studs, drywall, plywood, wood flooring, carpeting, and 2'x2' drop ceiling tiles. At the time of the Site inspection, some of the office areas were used as musical band practice rooms and the remaining office areas were vacant.

A small room stores light bulbs and building paint in one gallon containers which are neatly stored in a cabinet. There was no floor staining observed in the vicinity of the storage cabinet. The electrical contractor area stored electrical supplies and related equipment. Materials of trade (flux liquid, gear oil, oil, fuses) were observed in this area in small quantities. Several gas cylinders and portable gasoline tanks (approximately 5-gallon in size) were also observed in the electrical contractor area. The portable tanks appeared to be empty and according to Mr. Cantor the compressed gas cylinders were empty. There was no staining observed on the visible portions of the floor in the electrical contractor area; however, the floor was obscured by a significant amount of material and an overall visual inspection was limited.

A loading dock is located along the western side of the building. A forklift is also stored on the loading dock. There was a small room located in the northwest portion of the building, adjacent to the loading docks. Mr. Cantor indicated this room was a former boiler room. This room is currently used as storage for miscellaneous materials and debris. No staining was observed on the visible portions of the floor; however, the floor was obscured by a significant amount of material and an overall visual inspection was limited. A small refuse dumpster is located in front of the loading dock area.

The main entrance to the building is located on the second floor. Several small rooms and four bathrooms are located on this floor. The office areas are occupied by Daniels Management, Inc. and predominately by musical band practice/recording studios. Second floor building materials consist of wood studs, drywall, plywood, wood flooring, carpeting, 2'x2' drop ceiling tiles and ceramic tile flooring. The eastern portion of the second floor is occupied by a metal shop. The metal shop area stored various pieces of equipment that included, but not limited to welders, heaters, and cutters. Materials of trade observed in the metal shop area included, but not limited to compressed gas cylinders, epoxy resin, hydraulic oil, Blaze Master FS-1 Primer, antifreeze and spray paints. These materials were stored in containers ranging in size from one-gallon to 10 ounces in small quantities. Two 55-gallon drums were observed in the metal shop area. One drum was labeled as mineral spirits. However, it appears that these drums are empty and are currently used as a base for a make shift table. The southern and southeastern portion of the second floor is occupied by commercial storage units. There are approximately 127 storage units throughout the building and the storage units are 25, 50, 100, 150 or 200 square feet in size. The storage units are constructed with wood studs, plywood and wood doors. Each storage unit has a separate lock that is accessed by the storage unit renter. These locked units were not accessible during the site inspection.

The third floor was comprised entirely of occupied and vacant storage areas. The fourth floor was occupied by storage areas and a large vacant area that was previously occupied by Challenge Sailcloth. According to Mr. Cantor, Challenge Sailcloth was a tenant for approximately fifteen years and recently moved out. Challenge Sailcloth cut fabric, sewed, and shipped out sails. There was one 5-gallon container of Solucote Chemical 1016, one 5-gallon container of latex paint and one 5-gallon container of an unknown substance (container not labeled). The containers were clean and in good condition. There was no apparent staining on the floor in the vicinity of where the containers were stored.

The freight elevator services the basement, the first floor through the fourth floor and the attic. There were electrical supplies, predominately electrical panels in the attic. There were several 55-gallon drums observed in the attic area that were empty. One 5-gallon container of Metalcrete Wedirock (welding flux) was observed in the attic and one 55-gallon drum labeled as hydraulic oil on a cradle. A garbage can top was used as a drip pan under the spout of the 55-gallon drum. There was very minimal staining observed on the wood floor beneath the drum. Mr. Cantor indicated that the drum identified as hydraulic oil contained #10 non-foaming oil. There was one 55-gallon drum labeled as Texaxol-Inc, UCON Quechant A and the drum appeared to be empty.

The freight elevator motor was located in a small room located above the attic, accessed by a narrow staircase.

The exterior site reconnaissance revealed that there may be several USTs located in front of the building, along East Main Street between the building and sidewalk. Several pipes protruding from the ground or from a concreted pad appear to be fill ports typically associated with USTs. In addition, the assumed fill ports are located directly in front of building windows. The following text was painted on the bottom portion of six separate window panes:

- Tank No. 4 Butyl Acetate
- Tank No. 5 Sopropanol
- Tank No. 6 Butanol
- Tank No. 7 No 2 Fuel Oil
- Tank No. 8 2 Nitro Propane
- Tank No. 9 Formoel

Mr. Cantor indicated there may be also be a 4,000-gallon UST that formerly contained Bunker C oil located in this area. The material type and volume in these tanks is unknown.

The western portion of the site is comprised of a bituminous asphalt parking area. There appears to be a patch in the asphalt area that is covered with processed gravel. This area may be associated with the sewer repair activities that occurred following the November 2008 building collapse that ruptured the sewer lines. There is a remnant portion of a concrete slab located parallel to the parking area and Ano-Coil Pond. This remnant slab is from the former storage building that collapsed in November 2008 and fell into the pond. There are also metal beams running parallel between the parking area and Ano-Coil Pond. Mr. Cantor indicated that the metal beams were installed for erosion control and to act as retaining wall support. There is a small strip of grass area along the eastern side of the building.

Photographs of the Site are provided in **Appendix G**.

5.3 Storage Tanks

As discussed in previous sections, the site reconnaissance activities revealed the following storage tanks:

- An empty 1,000-gallon AST located in the northwestern corner of the basement;

- Twelve empty approximately 425-gallon ASTs located along the southern side of the building on an exterior platform at basement-level, adjacent to the elevator shaft;
- One 55-gallon drum of hydraulic fluid located in the basement; and
- One 55-gallon drum of non-foaming #10 oil located in the attic.

Site reconnaissance activities revealed the following tanks that may be located on-site or formerly on site:

- Two 2,000-gallon fuel oil USTs reportedly located beneath the loading dock; and
- A 4,000-gallon UST within a concrete containment in front of the building;
- Six USTs located within a concrete containment in front of the building.

5.4 Hazardous Substances

Significant staining was not observed within the building or at exterior portions of the property. However, the basement floor and floors throughout the building were obscured by dirt and miscellaneous materials accumulated on the floor. No other evidence of hazardous substances, other than *de minimis* use and storage, was observed or noted during the Site reconnaissance. As noted in previous sections, materials of trade (i.e. hydraulic fluid, flux, oil, paint) were observed in various locations within the building, but none in storage volume that would be considered bulk volume or significant volume for the purpose of the Phase I ESA.

5.5 Potential Asbestos Containing Building Materials and Lead Based Paint

Asbestos containing building materials and lead based paint assessment was not part of this Phase I ESA.

5.6 Radon

The subject property is located in Tolland County. According to the EDR report, the federal EPA Radon Zone for Tolland County is Zone 2, which has an indoor air average level ranges from greater than or equal to 2 picocuries per liter (pCi/L) to less than or equal to 4 pCi/L.

5.7 Solid Waste

One dumpster is located adjacent to the loading docks along the western side of the building. Apex did not obtain further specific information regarding disposal of solid waste generated at the property.

5.8 Polychlorinated Biphenyls (PCBs)

There were no transformers observed on-site during the site reconnaissance activities. Fluorescent light fixtures, ballasts and spare fuses were observed throughout the building. These building materials may contain concentrations of PCBs. However, a complete Hazardous Materials Survey was not completed as part of the scope of work for this Phase I ESA.

5.9 Floor Drains and Sumps

There were no floor drains or sumps observed during the site inspection. However, an exterior inspection revealed various effluent pipes along the southern side of the building. According to Mr. Cantor, the only outfalls currently used are outfalls for stormwater drainage. Mr. Cantor indicated that the other pipes/outfalls were from historic mill uses and are no longer in use. A portion of a former turbine is located in the basement. Mr. Cantor indicated the water that powered the former water wheel and former turbine no longer flows through the basement, since this area has been sealed.

However, the CTDEEP file review revealed that there was a sump used at the site when Albi occupied the site. A 1977 P-5 form indicates that 'sludge pumped in sump – leaches to river'. The location of the historic sump is unknown.

5.10 Wastewater and Septic Systems

Presently, the subject Site is served by municipal sanitary sewer service. Apex was unable to obtain definitive information regarding the historic presence or absence of former septic systems or dry wells on the Site.

5.11 Wells

Presently, the subject Site is served by a public water supply service. Apex was unable to obtain information regarding the historic presence or absence of any water supply wells on-Site.

5.12 Other Physical Evidence of Contamination

Apex did not observe other physical evidence of contamination such as waste ponds, lagoons, or other topographic anomalies during the Site reconnaissance.

6.0 INTERVIEWS

Ms. Barbara Cantor – Owner
Mr. Solomon Cantor

On September 27, 2011, Apex conducted an interview with Ms. Barbara Cantor and Mr. Solomon Cantor. According to Ms. Cantor, the building was vacant at the time she acquired the property in 1979. Ms. Cantor indicated that the historic uses of the property prior to her acquisition included the manufacturing of cotton undergarments and woolen cloth. Tenants from former owners (Kaplan Brothers) included Albi Paint that manufactured fire proof paint. Mr. Cantor indicated that the area where existing parking lot is located in the western portion of the property was historically a portion of the Ano-Coil pond. A portion of the pond was filled in approximately 1952 to create the parking area. Mr. Cantor also indicated that there is a former approximately 4,000 Bunker C Oil UST located in the front of the building. Ms. Cantor and Mr. Cantor were not aware of any environmental testing or sampling that may have occurred at the site or of any other potential sources of contamination. Ms. Cantor completed an All Appropriate Inquiry, as described in **Section 3.0**. A copy of the questionnaire is provided in **Appendix C**.

7.0 FINDINGS AND OPINIONS

7.1 Historical Site Activities

Apex's findings regarding the Site and the associated historical activities, as presented in previous sections of this report, are summarized below:

Historic Site Usage as Fireproof Paint, Wax and Insecticide Manufactures

Site reconnaissance activities indicated that between approximately 1952 and 1979 former fireproof paint, wax and insecticide manufactures occupied the site. The 1961 Sanborn Map lists the Double B Products Co and Albi Mfg. Co as "mfg. paints, waxes & insecticides". Historic documents also indicated that materials and solvents were discharged directly into the Hockanum River and that sludge was pumped into a sump that leached into the river. The potential for releases to have occurred from the historic storage and potential discharges of chemicals at the Site constitutes a REC (REC #1).

1,000-gallon AST Located within Northeast Corner of Basement

An empty 1,000-gallon AST was observed in the northeast corner of the basement. An interview with the Site representative indicated that the tank may have stored chemicals used by the former

paint manufacturing occupants of the building. The potential for releases to have occurred from the historic storage of unknown chemicals at the Site constitutes a REC (REC#2).

Twelve (12) 425-gallon ASTs Located on Exterior Concrete Platform

Site reconnaissance revealed that twelve (12) approximately 425-gallon ASTs were stored on an exterior concrete platform located along the southern side of the building. The tanks are currently empty and corroded. Interview with Site representatives indicated that the ASTs may have stored chemicals (solvents) used by the former paint manufacturing occupants of the building. (REC#3)

Former 1,000-gallon UST Located Beneath Collapsed Building

Site reconnaissance activities revealed an approximate 1,000-gallon UST was located beneath a former storage building. The 1,000-gallon tank was located beneath the storage building and fell into the pond when a portion of the building collapsed in 2008. The files indicate that tank was empty, however it may have contained oil. The potential for releases to have occurred from the historic storage of fuel oil at the Site constitutes a REC (REC#4).

Former 2,000-gallon USTs Located Beneath Loading Dock

Site reconnaissance activities revealed a building permit was issued to replace two 2,000-gallon oil USTs located under the Albi Manufacturing loading dock with a 4,000-gallon UST. The potential for releases to have occurred from the historic storage of oil at the Site constitutes a REC (REC#5).

Exterior 4,000-gallon UST Located along Northern Portion of Building

Interview with the Site representative indicated that a 4,000-gallon UST formerly containing Bunker-C oil is located along the northern side of the Site building. The Site representative indicated that the tank had been emptied and is no longer in use. This UST may be the replacement UST identified in REC#4. The potential for releases to have occurred from the historic storage of oil at the Site constitutes a REC (REC#6).

Potential USTs Located along Northern Portion of Building

Site reconnaissance revealed the potential of approximately six (6) USTs located along the northern side of the Site Building. Structures that appeared to be fill ports were observed protruding from concrete located along the northern side of the building, as well as chemical identifications listed on adjacent exterior windows. The potential for releases to have occurred from the potential storage of oil and/or other hazardous materials in the former USTs at the Site constitutes a REC (REC#7).

Abutting Brownsfield Site

Site reconnaissance activities revealed that the property located at 104 East Main Street, occupied by Amerbelle Textiles site is defined as an 'Establishment' in accordance with the Property Transfer Act Program. Environmental site investigation activities have been conducted at the Amerbelle property under the Brownsfield Targeted Site Assessment Program through the EPA, Region 1 and revealed that there are impacts to site soil and groundwater. Amerbelle abuts the site to the east and south and appears to be immediately hydraulically upgradient from the Site. The potential for releases to be migrating downgradient to the Site constitutes a REC (REC#8).

Housekeeping and Limited Visual Observations Worthy of Note

At the time of the September 27, 2011 Apex Site reconnaissance, the following conditions limited Apex's ability to visually evaluate certain areas of the Site. In addition, the following observed features are of concern on a housekeeping level, and worthy of note, although none of the following items constitute a REC:

- *De minimis* amounts of materials used by the on-site tenants including (but not limited to) oils, fuels, paints, adhesives, and flux, stored at various locations, some in unmarked containers, in the buildings; and
- Excessive material and debris located throughout the basement and floors to fully evaluate for the presence of drains or stains.
- There appears to be a cut area covered with processed gravel in the asphalt parking lot. This area may be associated with the sewer repair activities that occurred following the November 2008 building collapse that ruptured the sewer lines.

Site RECs are depicted on **Figure 3**.

7.2 Off-Site Activities

A review of reasonably ascertainable information including electronic environmental search reports, Town of Vernon municipal records, and a review of available CTDEEP files indicates that several properties located in the vicinity of the Site have the likelihood of impacting the subject property as a result of historical activities, as described below.

As listed the previous section, the eastern abutting property, Amerbelle Textiles, located at 104 East Main Street, is defined as an 'Establishment' in accordance with the Property Transfer Act Program. Amerbelle was identified as being included in the MANIFEST, UST, RCRA-SQG, FINDS, AIRS, LWDS, and US BROWNFIELDS databases. The property at 104 East Main Street abuts the site to the east and south and appears to be hydraulically up-gradient relative to the Site.

112 East Main Street, located approximately 281 feet to the southeast and potentially hydraulically upgradient relative to the Site, was listed in the MANIFEST database as an emergency response. Dinitrophenol waste was listed on a 1997 waste manifest.

A former gasoline station, located to southeast and potentially hydraulically upgradient relative to the Site, was listed in the LUST and CPCS database. A total of five underground storage tanks were removed from the site. The tanks included four 6,000-gallon gasoline USTs and one 550-gallon gasoline UST.

8.0 CONCLUSIONS, DATA GAPS AND RECOMMENDATIONS

8.1 Data Gaps

One data gap was identified during this Phase I ESA. Site reconnaissance activities indicated the presence of debris and material on the basement floor that prevented a full view of the basement floor for staining, drains and other environmental concerns. While this does not in itself constitute a REC, it does represent a significant data gap.

8.2 Conclusions

Apex has conducted the Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-05 and in accordance with Apex's proposal (CT2011-0117) to Ms. Barbara, Cantor, Daniels Management, Inc., Rockville, Connecticut dated August 17, 2011. Data gaps, any exceptions to, or deletions from this practice are described in this report. This assessment has identified the following RECs (**Figure 3**) at the subject property:

- **REC #1** – Historic Site Usage as former fireproof paint, wax and insecticide manufactures
- **REC #2** – 1,000-gallon AST located within northeast corner of basement
- **REC #3** – Twelve (12) 425-gallon ASTs located on exterior concrete platform
- **REC #4** – Former 1,000-gallon UST located beneath collapsed building
- **REC #5** – Two former 2,000-gallon USTs located beneath loading dock
- **REC #6** – Exterior 4,000-gallon UST located along northern portion of building
- **REC #7** – Potential USTs located along northern portion of building
- **REC #8** – Abutting Brownsfield Site

In addition to the on-site RECs and the abutting Brownsfield Site, several properties located in the immediate vicinity of the Site have the likelihood of impacting the subject property as a result of historical activities, as described below.

112 East Main Street, located approximately 281 feet to the southeast and potentially hydraulically upgradient relative to the Site, was listed in the MANIFEST database as an emergency response. Dinitrophenol waste was listed on a 1997 waste manifest.

A former gasoline station, located to southeast and potentially hydraulically upgradient relative to the Site, was listed in the LUST and CPCS database. A total of five underground storage tanks were removed from the site. The tanks included four 6,000-gallon gasoline USTs and one 550-gallon gasoline UST.

8.3 Recommendations

The Phase I ESA conducted by Apex identified a total of eight (8) RECs at the subject property. Based on the information obtained during the implementation of the Phase I ESA, one (1) data gap was identified during the Phase I ESA.

Apex recommends Phase II subsurface investigation activities be performed in order at assess whether a release(s) to Site soil, groundwater and/or vapor intrusion has occurred in association with the eight (8) identified RECs.

9.0 ENVIRONMENTAL PROFESSIONALS

9.1 Signatures of Responsible Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 CFR Part 312, and we have the specific qualifications based on education, training, and experience to assess *properties* of the nature, history, and setting of the *subject property*. We have developed and performed the all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312.

Principal Environmental Professional	Peer Review and Oversight Professional
Donna L. Kask	William P. Drouin, CHMM
Environmental Scientist III	Program Manager

9.2 Qualifications of Responsible Environmental Professionals

Ms. Donna Kask has more than ten years of experience in the environmental field and holds a Bachelor of Science (BS) degree in Biology. Ms. Kask's technical experience includes performance of environmental due diligence, environmental compliance assessment, subsurface assessment and delineation activities, remediation activities, and compliance monitoring. Ms. Kask maintains a current 40-hour OSHA HAZWOPER training certification and is a member of the Environmental Professionals of Connecticut (EPOC).

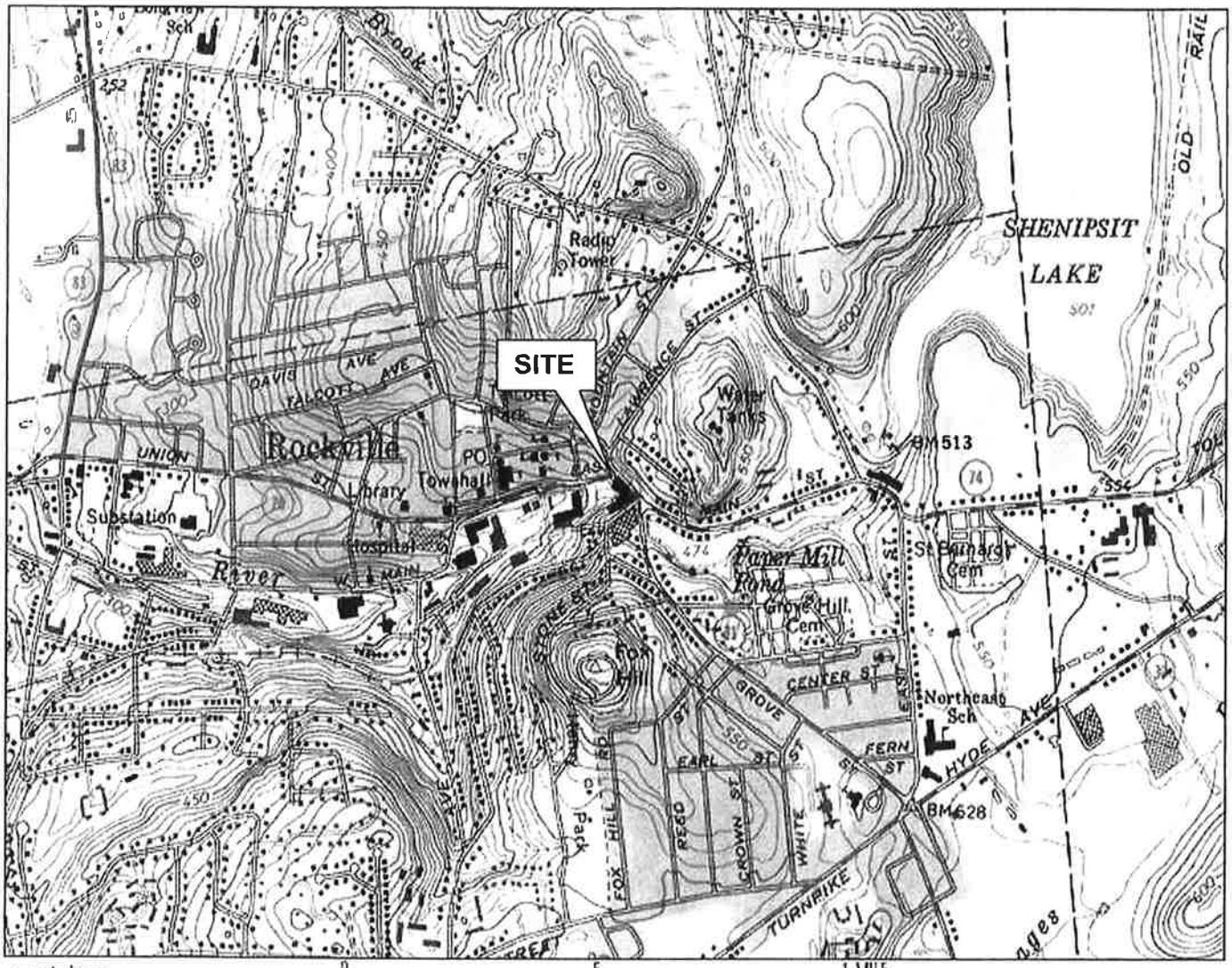
Mr. William Drouin, CHMM is the principal environmental professional responsible for peer oversight and review for this Phase I ESA. Mr. Drouin holds a B.S. in Environmental Biology from Eastern Connecticut State University and has over twenty years of professional environmental experience in performing a range of environmental compliance and investigation projects. Mr. Drouin is a Certified Hazardous Materials Manager (CHMM) and is an environmental professional as defined in § 312.10 of 40 CFR Part 312.

APPENDIX A

Site Figures

Figure 1
Site Location Map

Daniels Management, Inc.
98 East Main Street
Rockville, Connecticut



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

APEX

58H Connecticut Avenue
South Windsor, Connecticut
Telephone: (860) 282-1700

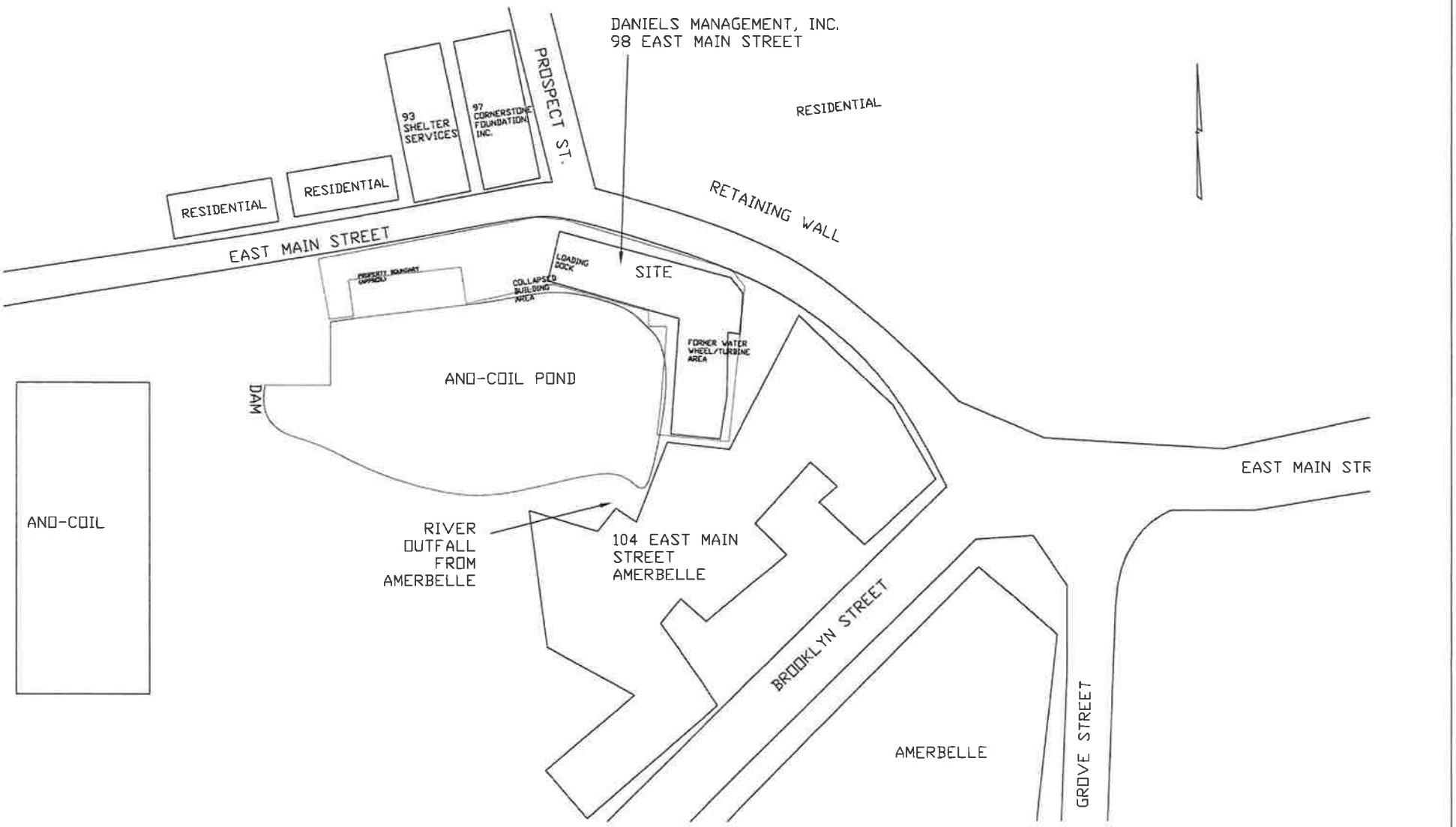
United States Department of the Interior
Geological Survey
7.5 Minute Series Topographic Map
Contour Interval: 20 feet
Scale: 1 inch = 2,000 feet

Vernon, Connecticut, 2003

Project: Phase I

Apex Job #: 6036-001

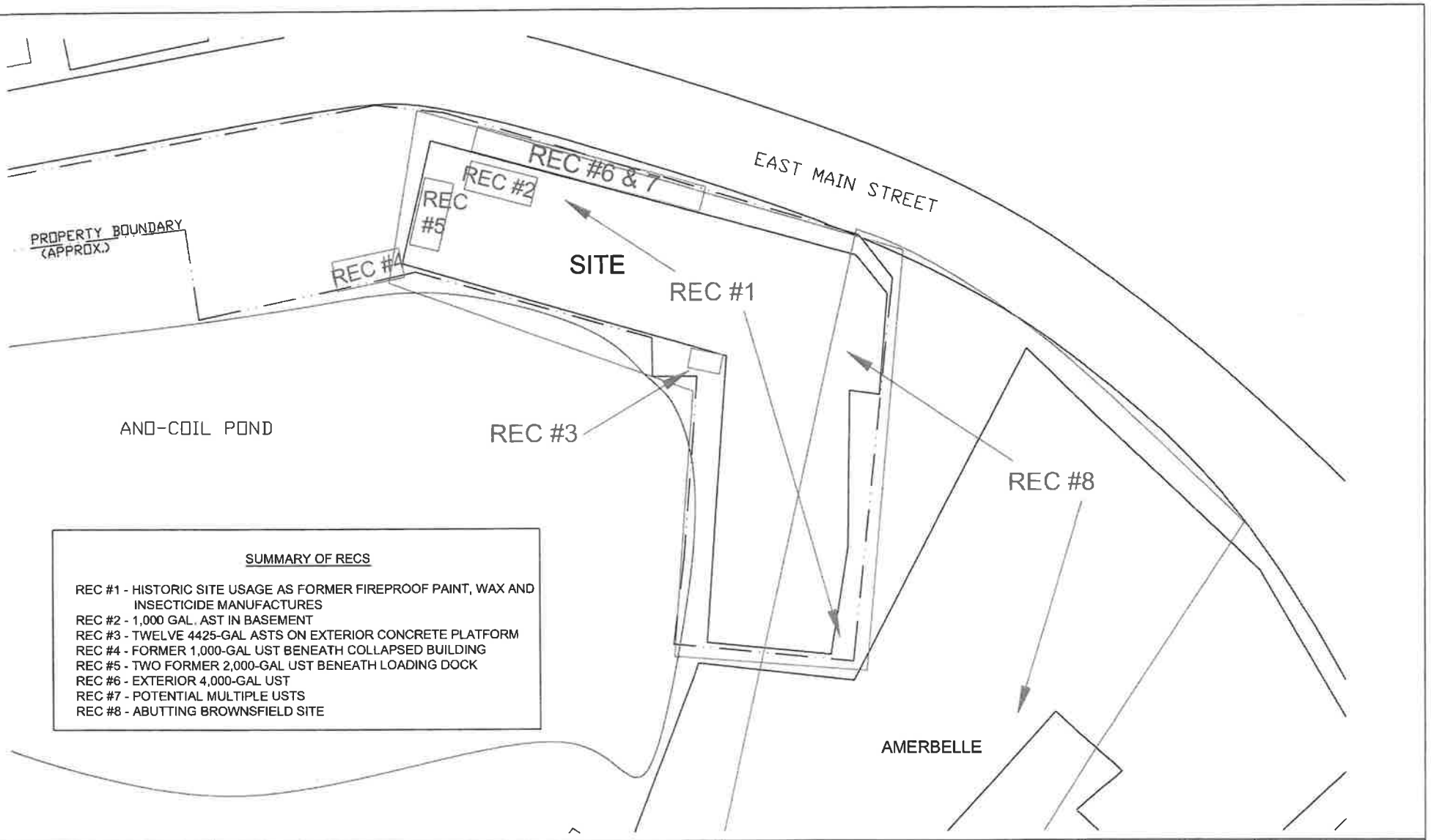
Date: September 2011



P:\CLIENTS\6036-001 Daniels Management Phase I ESA\Maps\F2 SITE PLAN.dwg, Layout1, 10/13/2011 11:12:00 AM

CHECKED BY: WD DRAW BY: DK DATE: 10/13/2011 SCALE: NOT TO SCALE DWG: 6036-001		***SITE PLAN*** ***DANIELS MANAGEMENT, INC.*** ***98 EAST MAIN STREET*** ***ROCKVILLE, CONNECTICUT***	APEX 58H CONNECTICUT AVENUE SOUTH WINDSOR, CT (860) 282-1700	***FIGURE 2***

Rec # 2 gone
Rec # 3 gone
Rec # 5 gone



P:\CLIENTS\6036-001 Daniels Management Phase I ESA\Maps\F3 REC.dwg, Layout1, 10/13/2011 11:11:03 AM

CHECKED BY: WD DRAW BY: DK DATE: 10/13/2011 SCALE: NOT TO SCALE DWG: 6036-001		*RECOGNIZED ENVIRONMENTAL CONDITIONS* *DANIELS MANAGEMENT, INC.* *98 EAST MAIN STREET* *ROCKVILLE, CONNECTICUT*	APEX 58H CONNECTICUT AVENUE SOUTH WINDSOR, CT (860) 282-1700	***FIGURE 3***

APPENDIX B

Municipal Documents

Town of Vernon Online Property Record Card

Tax ID	Parcel ID	Class
40-0117-00005	40011700005	302

Property Address
EAST MAIN ST 098

Current Owner and Mailing Address

Owner Name	2nd Owner
DANIELS MANAGEMENT INC	

Mailing Address	Mailing City	Mailing State	Mailing Zip
98 EAST MAIN ST	VERNON	CT	06066-0451

Transfer of Ownership

Owner	Transfer Date	Consideration	Book/Page	Deed Type
D	11/20/1979	0	372 286	
Owner	Transfer Date	Consideration	Book/Page	Deed Type
Owner	Transfer Date	Consideration	Book/Page	Deed Type

Valuation Record

Assessment Date	Reason for Change
10/01/2010	2010 ASMT

Market Land	Market Dwelling	Market Total
75000	525040	600040

Assessed Land	Assessed Dwelling	Assessed Total
52500	367530	420030

Site Description

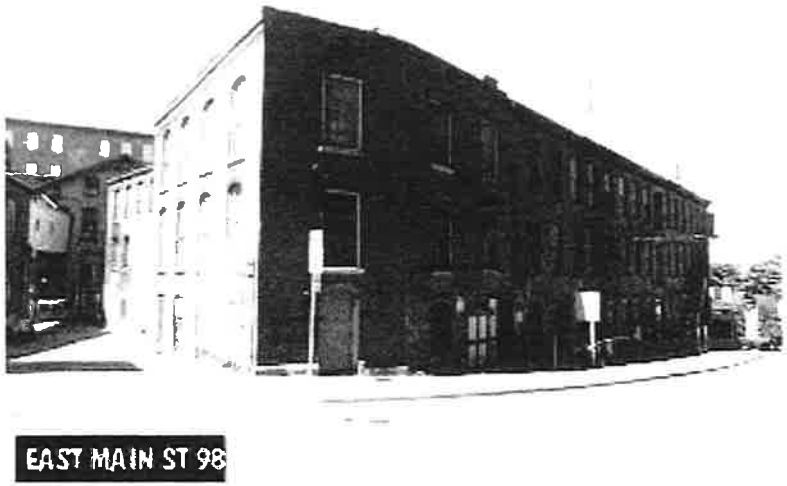
Topography	Acres	Square Feet
	1.0000	43560

Land Type	Neighborhood#	Zoning
Industrial Site	12100	HDI

Utilities

Sewer*	Water*	Septic*	Gas*	Well*
Y	Y		Y	

*A yes can mean the connection is available but not hooked up



Disclaimer: This is for information only and its utilization and verification shall be the sole responsibility of the user.

Physical Characterisctics

Year Built	Building Type	Style
1855	Light Manufacturing:001	Light Manufacturing

Stories	Finished Size	Foundation	Rec Room
4	36400		

# Rooms	Bedrooms	2 Fixt Bath	3 Fixt Bath	4 Fixt Bath	5 Fixt Bath
0					

Attic	Attic Finished Sqft	Bsmt Area	Bsmt Finished Sqft
None		9043	0

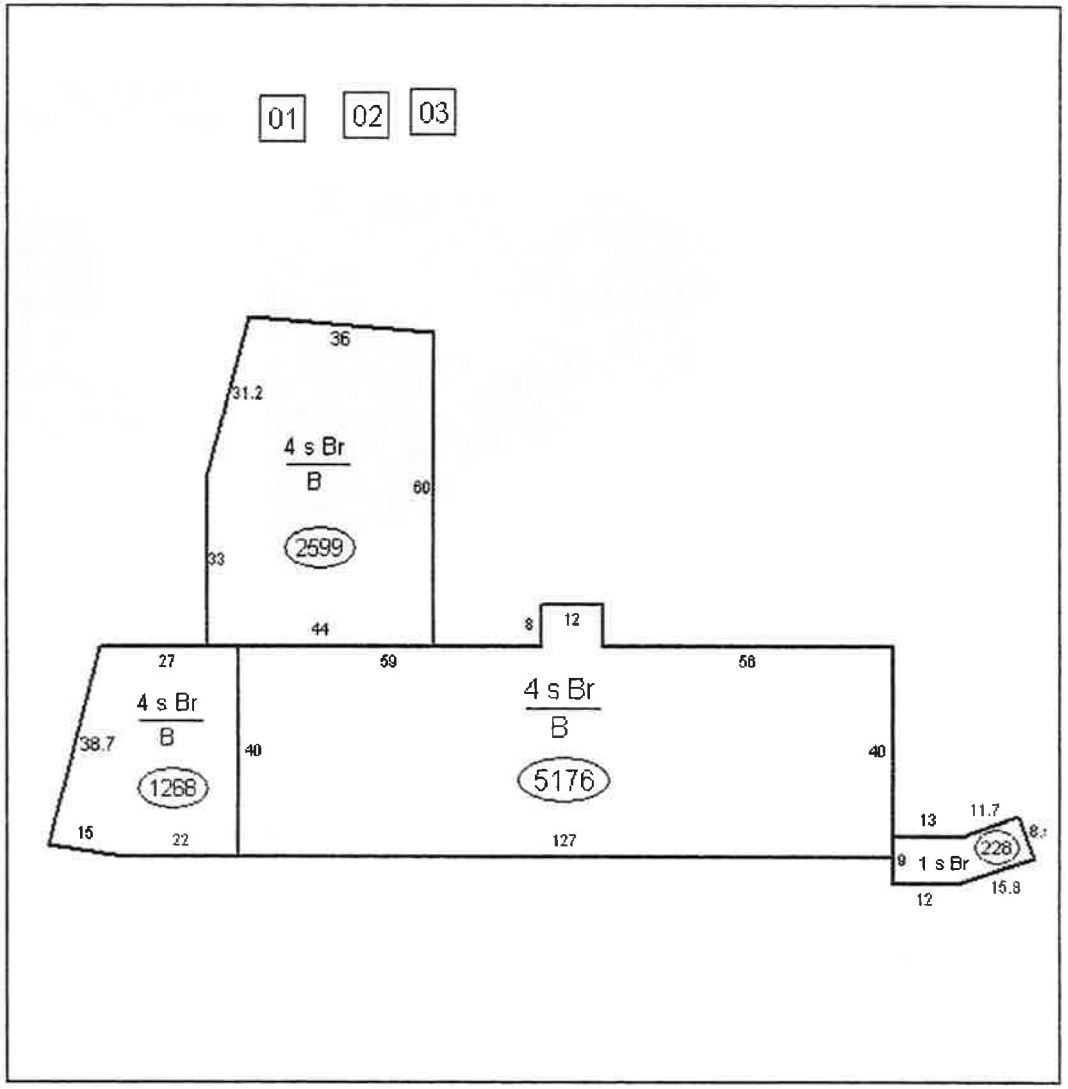
Roof Material	Roof Type	Att Garage	Det Garage
	1		

Heat Type	Central AC	Masonary Fireplace	Prefab Fireplace
36172 sf	N		

Enclosed Porch Sqft	Open Porch Sqft	Deck Sqft

Exterior Description	Primary Construction	Primary Floor Cover
	Fire Resistant	

Outbuilding 1	Outbuilding 2
Paving	Elevator-Freight MS
Outbuilding 3	**Outbuilding 4**
Res Shed - Small Utility	



Disclaimer: This is for information only and its utilization
and verification shall be the sole responsibility of the user.

TOWN OF VERNON REAL PROPERTY DATA

55

PARCEL ID	SITE #	ACCOUNT #	CARD #	LOCATION		SIDE
40-117-5	01 OF 01	00372-00289		98	EAST MAIN ST	1

NAME 1	DANIELS MANAGEMENT INC
NAME 2	
ADDRESS	98 EAST MAIN ST
ADDRESS	PO BOX 451
ADDRESS	VERNON CT
ZIP	06066
TAX YR	1998 BANK CODE: 027 STATUS: A

ASSESSMENT INFORMATION

YEAR	CLASS	APPRAISED	ASSESSED	UNITS
1996	3-1 L	65300	45710	1.00
	3-2 I	443820	310670	1.00
	3-3 I	5080	3560	3.00
	TOTAL	514200	359940	
1994	3-1 L	65300	45710	1.00
	3-2 I	443820	310670	5.00
	3-3 I	5080	3560	3.00
	TOTAL	514200	359940	
1993	3-1 L	65300	45710	
	3-2 I	443820	310670	
	3-3 I	5080	3560	
	TOTAL	514200	359940	

SALES HISTORY

NAME	VOL	PAGE	DATE	SALE PRICE	VERIFY	VALID
DANIELS MANAGEMENT INC	00372	00289	00/00/0000			Y

BUILDING PERMITS

PERMIT #	DATE	VALUE	DESCRIPTION	C O DATE	COMP DATE

SITE

PROP CLASS	IND BUILDINGS	NBHD TYPE	MIXED	WATER	PUBLIC
ZONING	GI	SEWER	YES	UTILITIES	GAS/ELEC
NBHD	11800	MAJOR USE	LIGHT MANUFACTURING	DESIREABILITY	TYPICAL
ROAD	STATE			CENSUS TRACT	530100
TRAFFIC	HEAVY				
		COMMON NAME	DANIELS WAREHOUSE		

SEWER ASSESSMENT

NOTES

IMPROVEMENT DATA

STR/MOD	MEAS CODE	DIM 1	DIM 2	QUAN	CLASS	YR BUILT	COND	COST MOD	USE CODE	% GOOD	% RCN	RCNLD
PAVNG,ASPHLT	SQUARE FEET	4800		1	C	1975	AVERAGE		3-3 -IND IMPROVEM	45	8208	3694
POLE,STEEL FOR	SQUARE FEET	18		2	C	1980	AVERAGE		3-3 -IND IMPROVEM	70	1980	1386
DOOR,OVERHD CO	SQUARE FEET	80		2	C	1955	AVERAGE		3-2 -IND BUILDING	35	1600	560
DOOR,OVERHD CO	SQUARE FEET	64		1	C	1955	AVERAGE		3-2 -IND BUILDING	35	640	224
ELEV,ELEC FR	DIMENSIONS	6	3000	1	C	1930	AVERAGE		3-2 -IND BUILDING	25	47400	11850
SHED,WOOD	SQUARE FEET	784		1	B	1972	AVERAGE		3-2 -IND BUILDING	60	5439	3263

TOWN OF VERNON REAL PROPERTY DATA

PARCEL ID	SITE #	ACCOUNT #	CARD #	LOCATION		SIDE
40-117-5	01 OF 01	00372-00289		98	EAST MAIN ST	2

INTERIOR DESCRIPTION

USED AS DESCRIPTION	UNIT TYPE	NO. UNIT	VALUE UNIT	CLASS	YEAR FIN	LOCATION FROM	LOCATION TO	HT PSTY	AREA	INT COND	FUNC UTIL	INT FIN	FLOOR CONSTR	LIGHT PCT	HEAT TYPE	HEAT PCT	A/C TYPE	A/C PCT	SPRINK TYPE	SPRINK PCT
LIGHT MANU. BSMNT	SQ FT		AREA	C	1855	BA	BA	14	8994	AVERAG	.75		CONC/MAS		UNIT H		NONE		DRY	
LIGHT MANU WARE	SQ FT		AREA	C	1942	1S	1S	10	9230	AVERAG	.75		WOOD PLA		NONE		NONE		DRY	
LIGHT MANU. OFFICE	SQ FT		AREA	C	1978	2N	2N	10	2240	AVERAG	.75	100	WOOD PLA		ELECTR		CENTRA		DRY	
LIGHT MANU PROCESS	SQ FT		AREA	C	1942	2N	4T	10	10394	AVERAG	.75		WOOD PLA		UNIT H		NONE		DRY	
LIGHT MANU STOR	SQ FT		AREA	C	1942	1S	AT	10	15901	AVERAG	.75		WOOD PLA		NONE		NONE		DRY	

BUILDING DESCRIPTION DATA

DG - SECTION	0101
F YR BUILT	1944
UILT AS	LIGHT MANUFACTURING
SED AS	LIGHT MANUFACTURING
TERIOR COND	AVERAGE
NCT UTILITY	NORMAL
OF TYPE	GABLE
OOF MATERIAL	SHINGLES
LASS	C
LASS MODIFIER	1.00
EAR BUILT	1855
XT WALL MAT	BRK MAS/PRE CAST CONC
XT LINEAR FT	588
XT HEIGHT	40
XT FACE MAT	
CWALL LIN FT	
CWALL HEIGHT	
ECT TOT AREA	46759

NOTES

SEE KVS SKETCH
CARD

SKETCH

LAND DESCRIPTION DATA

LAND CODE	LAND TYPE	MEASURE 1	MEASURE 2	INFL CODE	INFL %	ST USE CODE	UNIT PRICE	LAND VALUE
SQUARE FEET	PRIME SITE	43560.00		OTHER	.25	3-1 -IND LAND	6.00	65340

TOWN OF VERNON REAL PROPERTY DATA

5-5

40-117-5 SITE NO:01 ACCT NO:R01813 CARD NUMBER: LOCATION: 98 EAST MAIN ST SIDE 1

CURRENT OWNER

NAME 1 DANIELS MANAGEMENT INC
NAME 2
ADDRESS 98 EAST MAIN ST
ADDRESS PO BOX 451
ADDRESS VERNON CT
ZIP 06066
TAX YEAR 91 BANK 027 STATUS A

ASSESSMENT INFORMATION COMPASS F3 SCREEN C3

YEAR	CLASS	APPRAISED	ASSESSED	UNITS
1991	3-1 L	65,300	45,710	1.00
	3-2 I	443,820	310,670	5.00
	3-3 I	5,080	3,560	3.00
	TOTAL	514,200	359,940	9.00
1990	3-1 L	30,000	21,000	
	3-2 I	114,614	80,230	
	TOTAL	144,614	101,230	

SALES HISTORY COMPASS F5 SCREEN 05

	NAME	VOL	PAGE	DATE	SALE PRICE	VERIFY	VALID
1	DANIELS MANAGEMENT INC	372	289	00/00/00			Y
2							
3							
4							
5							
6							
7							
8							

BUILDING PERMITS COMPASS F8 SCREEN 08

	NUMBER	DATE	VALUE	DESCRIPTION	C.O. DATE	DATE COMP
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

SITE GYRO F1 SCREEN 01

PROPERTY CLAS-3-2
ZONING -GI
NBHD -11800
ROAD -STATE
TRAFFIC -HEAVY

NBHD TYPE -MIXED
SEWER -YES
MAJOR USE 713
LIGHT MANUFACTURING

WATER -PUBLIC
UTILITIES -GAS/ELEC
DESIREABILITY-TYPICAL
CENSUS TRACT 530100
CENSUS BLOCK 000000

SOURCE: OWNER COMMON NAME : DANIELS WAREHOUSE

NOTES

PROPERTY CLASSIFICATION CD
COMMERCIAL 2-
2-1 LAND(EXCEPT APT. BLDS)
2-2 BUILDINGS
2-3 APARTMENTS
2-4 CONDOMINIUMS
2-5 OUTBUILDINGS
2-6 LAND (APT BUILDINGS)
INDUSTRIAL 3-
3-1 LAND
3-2 BUILDINGS
3-3 IMPROVEMENTS
3-4 CONDOMINIUMS
PUBLIC UTILITY 4-
4-1 LAND
4-2 BUILDINGS
4-3 OUTBUILDINGS
VACANT LAND 5-
5-1 RESIDENTIAL
5-2 COMMERCIAL
5-3 INDUSTRIAL
5-4 WETLANDS
5-5 OUTBUILDINGS

IMPROVEMENT DATA GYRO F4 SCREEN 04

	STRUC CODE	DESCR	MEASURE CODE	DIM 1	DIM 2	QTY	CLS	COND	YEAR BLT	USE CD	PCT GOOD	COST MOD	RCN	RCNLD	ASSESSED
1	LP4	PAVNG,ASPH	SQUARE	4800		1	C	AVERA	1975	3-3	45		8208	3694	2586
2	PL6	POLE,STEEL	SQUARE	18		2	C	AVERA	1980	3-3	70		1980	1386	970
3	OH1	DOOR,OVERH	SQUARE	80		2	C	AVERA	1955	3-2	35		1600	560	392
4	OH1	DOOR,OVERH	SQUARE	64		1	C	AVERA	1955	3-2	35		640	224	157
5	EL1	ELEV,ELEC	DIMENSI	6	3000	1	C	AVERA	1930	3-2	25		47400	11850	8295
6	FC1	SHED,WOOD	SQUARE	784		1	B	AVERA	1972	3-2	60		5439	3263	2284
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20											TOTAL		65267	20877	14680

TOWN OF VERNON REAL PROPERTY DATA

40-117-5 SITE NO:01 ACCT NO:R01813 CARD NUMBER: LOCATION: 98 EAST MAIN ST SIDE 2

INTERIOR DESCRIPTION GYRO PF9 SCREEN 09

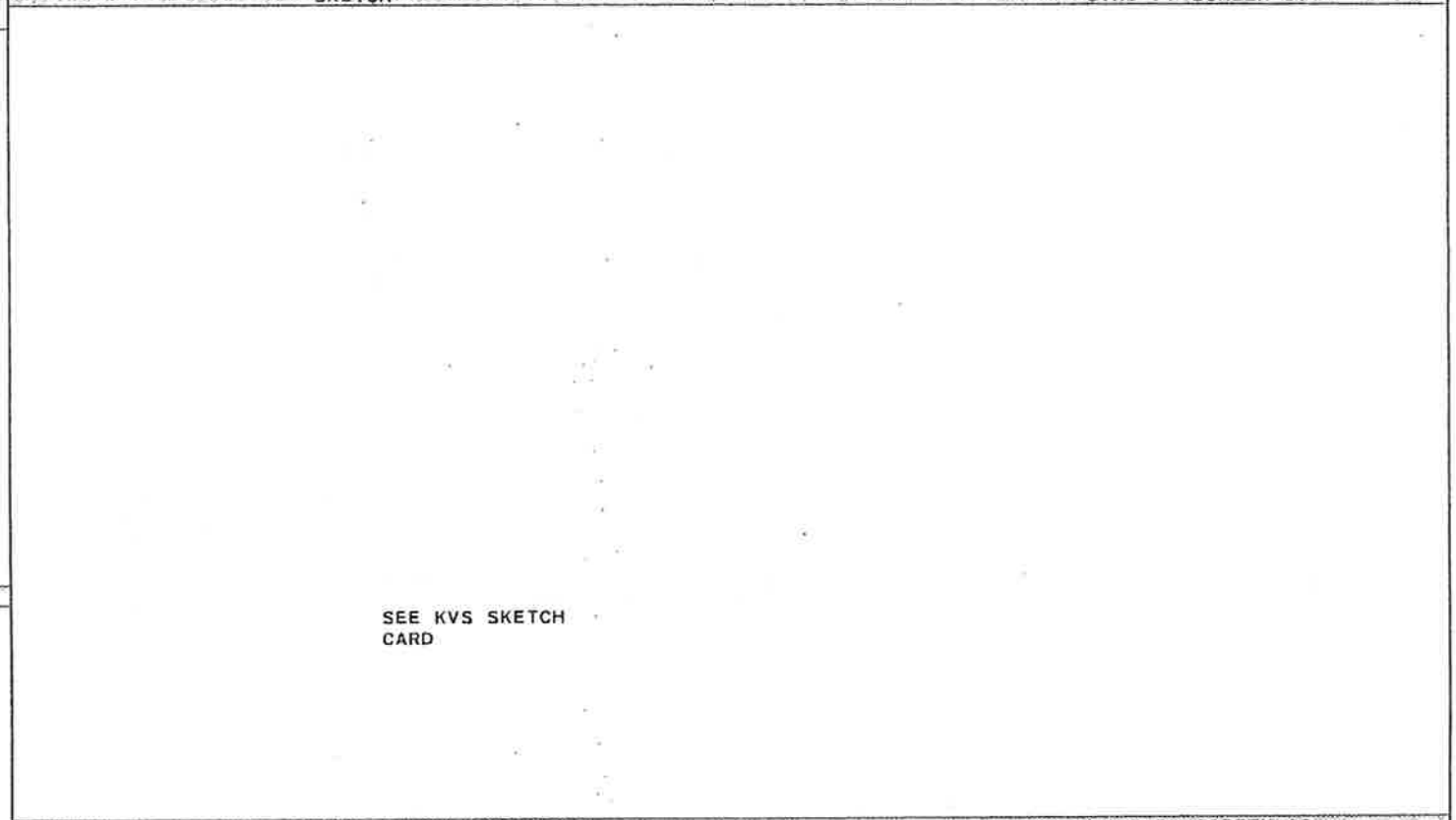
	USED AS	DESCRIPTION	UNIT TYPE	NO. UNIT	VALUE UNIT	CLASS	YEAR FIN	LOCATION FROM	LOCATION TO	HT PSTY	AREA	INT COND	FUNC UTIL	INT FIN	FLOOR CONSTR	HEAT TYPE	A/C TYPE	SPRINK TYPE
1	713B	LIGHT MANU. BSM	SQ FT		AREA	C	1850	BASEMENT	BASEMENT	14	8994	AVERAGE	.75		CONC/MA	UNIT HE	NONE	DRY
2	713W	LIGHT MANU WARE	SQ FT		AREA	C	1940	1ST FLOO	1ST FLOO	10	9230	AVERAGE	.75		WOOD PL	NONE	NONE	DRY
3	713O	LIGHT MANU. OFF	SQ FT		AREA	C	1970	2ND FLOO	2ND FLOO	10	2240	AVERAGE	.75	100	WOOD PL	ELECTRI	CENTRAL	DRY
4	713P	LIGHT MANU PROC	SQ FT		AREA	C	1940	2ND FLOO	4TH FLOO	10	10394	AVERAGE	.75		WOOD PL	UNIT HE	NONE	DRY
5	713S	LIGHT MANU STOR	SQ FT		AREA	C	1940	1ST FLOO	ATTIC	10	15901	AVERAGE	.75		WOOD PL	NONE	NONE	DRY
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		

BUILDING DESCRIPTION DATA
GYRO F3 SCREEN 03

BUILDING NO	01
SECTION NO	01
YR BUILT	1944
BUILT AS	713 LIGHT MANUFACTURING
USED AS	713 LIGHT MANUFACTURING
EXTERIOR COND	AVERAGE
FUNCT UTILITY	NORMAL
ROOF TYPE	GABLE
ROOF MATERIAL	SHINGLES
FRAME TYPE	MASONRY
GRADE	C
GRADE MOD	1.00
BSMT PERIM	1855
EXTWAL MAT	BRK MAS/PRE
EXT LINFT	588
EXT HT	40
EXTFACE MAT	
FCWALL LINFT	
FCWALL HT	
SECT TOT AREA	46,759

NOTES

SKETCH GYRO F7 SCREEN 07



LAND DESCRIPTION DATA GYRO F2 SCREEN 02

	FRONTAGE	DEPTH	LAND TYPE	ACREAGE	INFL CODE	INFL FACTOR	USE CODE	APPRAISED	ASSESSED
1			PRIME SITE		OTHER	.25	3-1	65340	45738
2									
3									
4									
								65340	45740

COMMERCIAL -- VERNON, CONN.

STREET	ASSESSORS' MAP	BLOCK	PARCEL	CARD NO.
98 East Main Street	65 40	117	5	54
DEVELOPMENT	DEVELOPERS' MAP	LOT NUMBERS	NO. OF COS	
			CO NO.	

RECORD OF TRANSFER	DATE	BK	PG	STAMPS
Daniels Management Inc.	11/20/79	372	286	44.00

REMARKS: 49,370

2-141.87 STORAGE SPACE
YIELD'S Restaurant 30#'s
100# BAY's @ 3.50 per ft

C# 579

INTERIOR INSPECTED:

DATE: 6/8/91 Barbara Lantor

G1

ACREAGE COMPUTATIONS

LAND TYPE	# OF ACRES	PRICE	TOTAL	DEPR	VALUE	Eq Fact	ASSESSMENT
HOUSE LOT	1AC	30,000			30,000	70	21000
FRONT ACRES							
REAR ACRES							
WASTE							

FRONT	REAR	FIG	AV D	UNIT VAL	DEPTH %	FRONT FOOT PRICE	TOTAL	DEPR	COR INF	VALUE	EQ FACT	ASSESSMENT
1 LOT	—	SEE 11x17									70	

SPECIAL ASSESSMENTS

YR.	FOR	AMOUNT
19	SEW. M.	
	SEW. L.	
	SEW SER.	
	TOTAL	

LAND FACTORS

HILLY		CITY SEWER	JO
ROUGH		NO CITY WATER	
HIGH		GRAVEL RD.	
LOW		DIRT RD.	
SWAMPY		NO RD.	
LEVEL		PAVED	

SUMMARY

		AMOUNT	N
19	DWLG.		
	OUTBLDG.		
	LOTS 1	31	21000
	COMM.		
	INDUST.	32	80230
	ACRES		
	TOTAL		101230
19	DWLG.		
	OUTBLDG.		
	LOTS		
	COMM.		
	INDUST.		
	ACRES		
	TOTAL		
19	DWLG.		
	OUTBLDG.		
	LOTS		
	COMM.		
	INDUST.		
	ACRES		
	TOTAL		
19	DWLG.		
	OUTBLDG		
	LOTS		
	COMM.		
	INDUST.		
	ACRES		
	TOTAL		
19	DWLG.		
	OUTBLDG.		
	LOTS		
	COMM.		
	INDUST.		
	ACRES		
	TOTAL		

CONCRETE WALLS	
CEMENT BLK. WALLS	
BRICK WALLS	
STONE WALLS	✓

BASEMENT AREA

¼	½	¾	FULL

EXTERIOR WALLS

SOLID COM. BRICK	B
COM. BR. ON C. B.	
FACE BR. ON COM. BR.	
FACE BR. ON Stone	A
FACE BR. VEN.	
CEMENT OR CINDER BLK	
REIN. CONCRETE	
CUT STONE FACING	
STONE OR T. C. TRIM	
STUCCO ON	
SIDING OR SHINGLES	
PARTY WALLS	
PLATE GLASS FRONT	

ROOFING

COMPOSITION OR T. & G.	
METAL	
WOOD DECK	X
METAL DECK + [illegible]	
[illegible] + [illegible]	X

FLOORS

	B	1ST	2ND	3RD
CONCRETE	A			
EARTH				
PINE	B	X	X	X
HARDWOOD		X	X	X
W/W		X		
ASPH. TILE				
TERRAZZO				
WOOD JOIST				
STEEL JOIST				
REIN. CONC.				

LATH & PLASTER	
COMPO. BOARD OFFICE	X
ACOUSTICAL	
UNFIN	X

INTERIOR FINISH

LATH & PLASTER	
DRYWALL	
WALLBOARD	
UNFIN. INT.	X

PARTITIONS

LATH AND PLASTER			
DRYWALL OFFICE		X	
BRICK	X	X	XX
C. BLK.			

HEATING

STEAM	
HOT WATER	
HOT AIR	
GAS	
OIL BURNER	
COAL STOKER	
NO HEATING Most of Bldg	A/B
AIR COND. — REFRIG OFFICE Only	A
AIR COND. — WATER	
FBB Elect Office Only	A

WIRING

FLEXLUME OR EQUAL	X
PIPE CONDUIT	X

PLUMBING

BATH ROOMS	
TOILET ROOMS (A)	3
WATER CLOSET EXTRA	
LAVATORY EXTRA	
SINK EXTRA	
URINALS (A)	1
NO PLUMBING	B

BATH RM. FL. & WAINS.	
TOILET RM. FL. & WAINS.	
BATH ROOM FLR	
TOILET ROOM FLR.	

MISCELLANEOUS

FIREPROOF CONSTR.	
MILL CONSTRUCTION	X
FIRE RESISTING	
STEEL FRAME	
STEEL BEAMS & COLS.	
TIMBER BEAMS & COLS.	X
STEEL TRUSSES	
SPRINKLER SYST. DRY	X
PASSENGER ELEV	
FREIGHT ELEV.	1
INCINERATOR	
FIREPLACES	
CHIMNEYS	1
STEEL FRAME SASH	
WOOD FRAME SASH	X

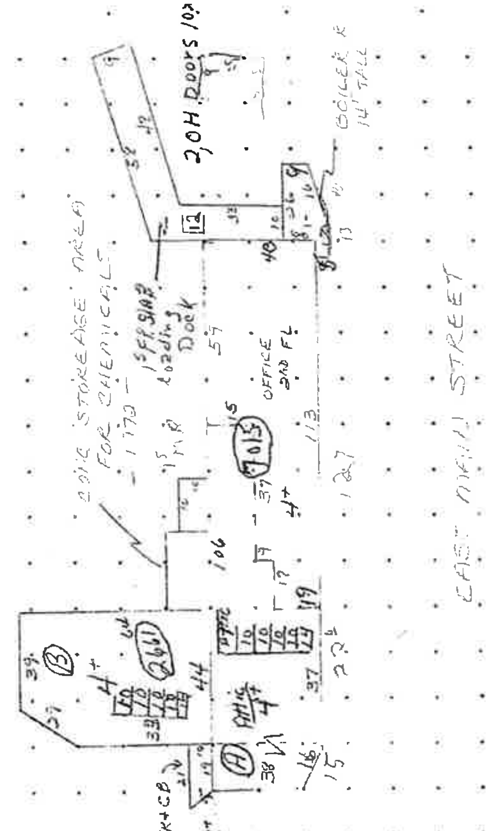
RENTAL CAPITALIZATION

LAND	
VACANCY	
HEATING	
WATER	
ELECTRICITY	
JANITOR	
MANAGEMENT	
TOTAL FLAT EXPENSES	
GROSS ANNUAL INCOME	
LESS FLAT EXPENSES	
BALANCE FOR CAP.	
CAP. RATE	
REFLECTED CAP. VALUE	

EXTERIOR WALL CODES

1 BRICK 3 GLASS 5 STUCCO 7 STONE 9 CONCRETE
2 FRAME 4 BLOCK 6 TILE 8 METAL 0 ENAM. STL.

	A	B
EXTERIOR WALLS	[illegible]	
EFF. PERIMETER	[illegible] L/F	L/F
PERIM.-AREA RATIO %	[illegible]	
NO. OF UNITS		
AVG. UNIT SIZE		
BASEMENT SIZE		
SCHEDULE		
HT. [illegible]	[illegible]	
14 BASEMENT	[illegible]	
FIRST	[illegible]	
SECOND	[illegible]	
	[illegible]	
	[illegible]	
BASE PRICE	[illegible]	
B. P. A.		
SUBTOTAL	[illegible]	
LIGHTING		
HTG./AIR CON.		
SPRINKLER	[illegible]	
PARTITIONS		
INTERIOR FINISH	[illegible]	
SF/CF PRICE	[illegible]	
AREA CUBE	[illegible]	
SUBTOTAL	[illegible]	
SPECIAL FEATURES*	[illegible]	
ADDITIONS	[illegible]	
TOTAL BASE	[illegible]	
GRADE FACTOR	%	%
REPLACEMENT COST	[illegible]	



1945. Elevator 6'x9' 6 Stops 3000 lbs, 60' per

OCCUPANCY DETAIL & INCOME

DBA DANIELS WAREHOUSE

2ND Floo Office: Wd Pan. Acc. Ceiling tile Floor 43 w/w 43 Asph. Tile 3896 P

Elect. FBB heat, Central Air 1980 (1 Elect Space heater/1st Floor 1500#)

640 L/F Sheet Rock Partitions in Warehouse 1980 2nd + 3rd Floor Bldg B

[illegible]

[illegible]

OCCUPANCY	CONSTRUCTION	SIZE	AREA	CLASS	AGE	REMOD.	COND.	REPL. VAL.	Phy. Dep.	PHYS. VALUE	Funct. Dep.	ACTUAL VAL.	% Ecol	ASSESSMENT
1 Warehouse	4S A/B BRK	SK		C	1855	1980		916850	75	229210	50	114610	70	80230
2														
3														
4														
												TOTAL		

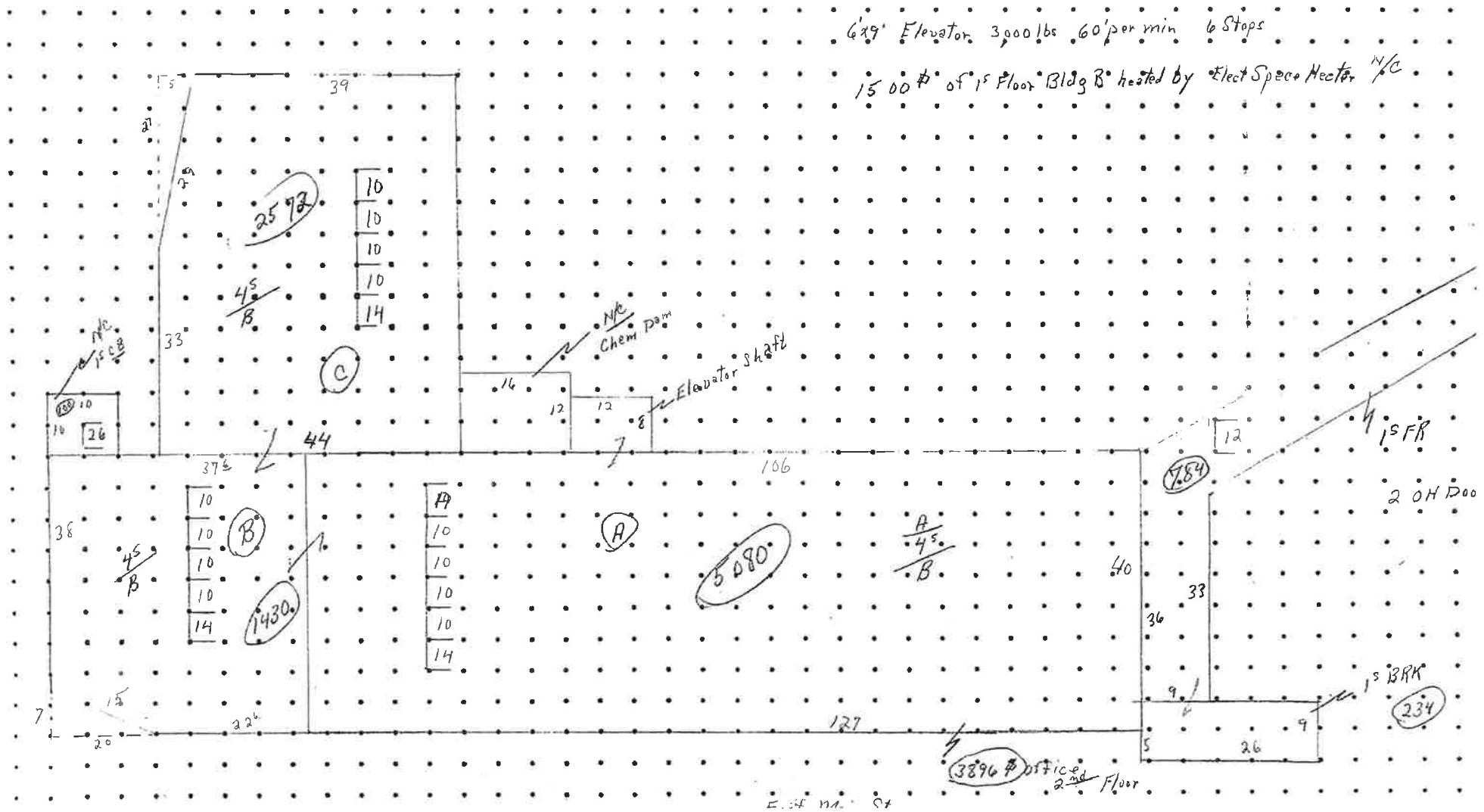
98 E. Main

PROPERTY STREET CARD

SIDE	LOCATION	MAP	BLOCK	PARCEL	NO. OF CDS
	98 E. Main	65	117	5	CD FC

OWNER OF RECORD	OWNER OF RECORD

BUILDING DIAGRAM



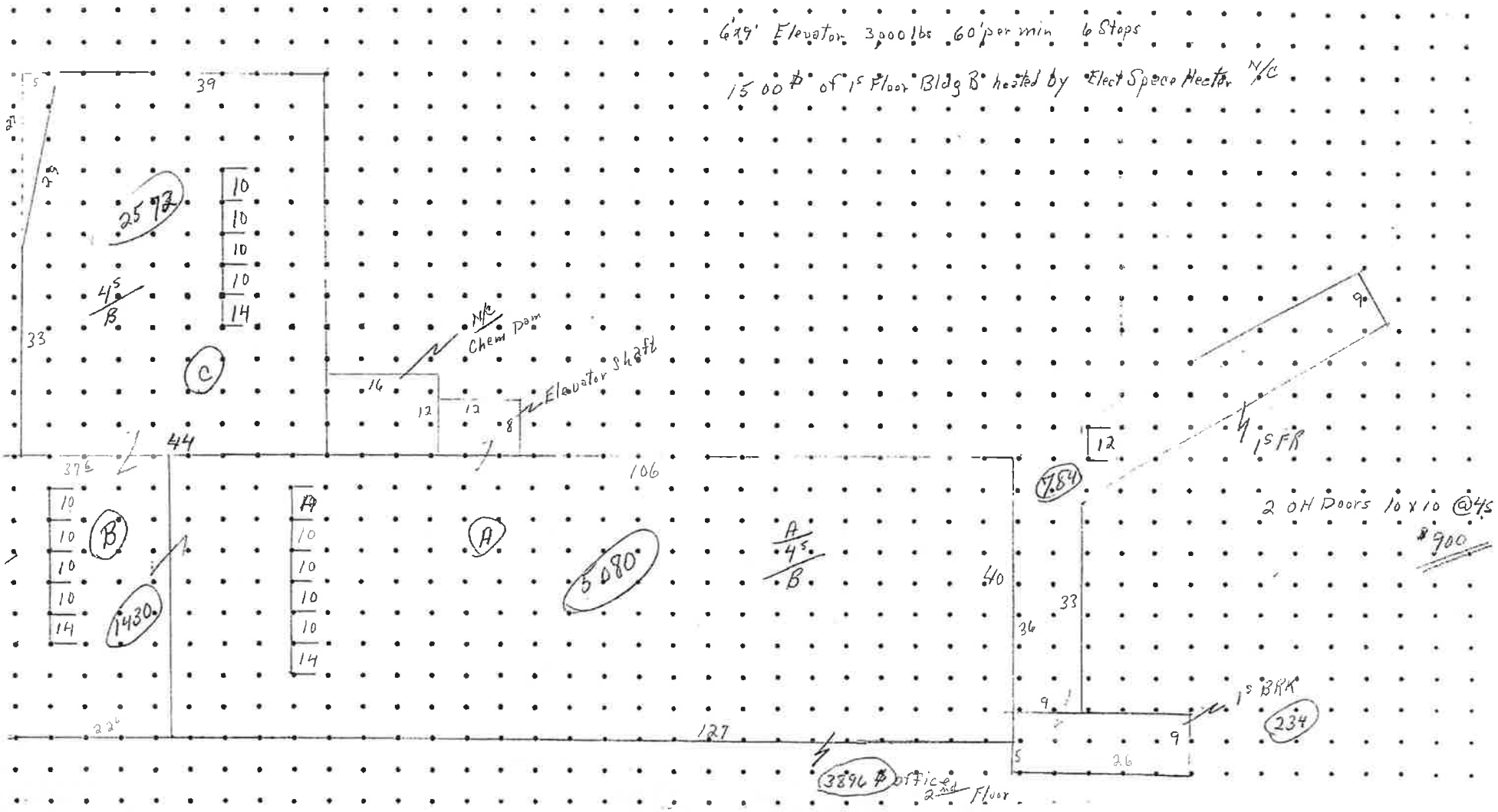
Hotels management
98 E. Main

PROPERTY STREET CARD

LOCATION	MAP	BLOCK	PARCEL	NO. OF CDS
98 E. Main	65	117	5	CD FOLLOWS

OWNER OF RECORD	OWNER OF RECORD

BUILDING DIAGRAM



Search Criteria:
Dates->(Jul 11 1967 - Sep 27 2011)
Main ->Last/Entity-(DANIELS)
Other->

Grantor/Grantee-Party Name Search Results
Certified from Jul 11 1967 through Jul 31 2011

Vernon Town Clerk
Bernice K. Dixon
Town Clerk

** Non Bold/Italic Line Items are INCOMPLETE

I M	1 2	Name/Corporation	Document Type	Recorded Date	Recorded Time	Volume	Page	Location/Remarks-First Entry Only	Document No	Cg ?
	1	DANIELS MANAGEMENT INC	LIEN	06/15/1983	12:00 AM	00458	86	SEE 98 EAST MAIN ST	2561	
	1	DANIELS MANAGEMENT INC	LIEN	05/01/1984	12:00 AM	00485	242	SEE 98 EAST MAIN STREET	4051	
	2	DANIELS MANAGEMENT INC	RELEASE	06/06/1984	12:00 AM	00491	174		5097	
	1	DANIELS MANAGEMENT INC	MORTGAGE	10/31/1984	12:00 AM	00505	47	SEE 3 PARCELS EAST MAIN STREET	7283	
	2	DANIELS MANAGEMENT INC	RELEASE	12/12/1984	12:00 AM	00508	127		7786	
	2	DANIELS MANAGEMENT INC	RELEASE	12/12/1984	12:00 AM	00508	128		7787	
	2	DANIELS MANAGEMENT INC	RELEASE	12/20/1984	12:00 AM	00509	37		7904	
	1	DANIELS MANAGEMENT INC	MORTGAGE	11/23/1988	12:00 AM	00729	115	SEE 3 PIECES EAST MAIN STREET	6811	
	1	DANIELS MANAGEMENT INC	LIEN	04/02/1991	12:00 AM	00827	272	SEE 98 EAST MAIN STREET	1224	
	1	DANIELS MANAGEMENT INC	LIEN	04/03/1992	12:00 AM	00870	335	SEE 98 EAST MAIN STREET	1780	
	1	DANIELS MANAGEMENT INC	LIEN	04/02/1993	1:00 PM	00921	167	98 EAST MAIN ST.	1618	
	1	DANIELS MANAGEMENT INC	LIEN	09/28/1993	9:51 AM	00948	178	SEE 98 EAST MAIN ST.	5313	
	1	DANIELS MANAGEMENT INC	LIEN	04/05/1994	1:00 PM	00977	234	98 EAST MAIN ST.	1968	
	1	DANIELS MANAGEMENT INC	LIS PENDENS	08/03/1994	4:01 PM	00993	45	SEE EAST MAIN ST.	4554	
	2	DANIELS MANAGEMENT INC	RELEASE	01/25/1995	12:59 PM	01008	32	VOL. 948, PAGE 178	282	
	2	DANIELS MANAGEMENT INC	RELEASE	03/02/1995	9:54 AM	01010	185	VOL. 827, PAGE 272	655	
	2	DANIELS MANAGEMENT INC	RELEASE	03/02/1995	9:54 AM	01010	187	VOL. 870, PAGE 335	657	
	1	DANIELS MANAGEMENT INC	LIEN	04/04/1995	1:00 PM	01014	33	98 EAST MAIN ST.	1210	
	1	DANIELS MANAGEMENT INC	LIEN	04/09/1996	4:45 PM	01054	243	98 EAST MAIN STREET	1409	
	2	DANIELS MANAGEMENT INC	RELEASE	09/05/1996	9:39 AM	01074	155	VOL. 921, PAGE 167	4347	
	2	DANIELS MANAGEMENT INC	RELEASE	09/05/1996	9:39 AM	01074	157	VOL. 977, PAGE 234	4349	
	2	DANIELS MANAGEMENT INC	RELEASE	09/05/1996	9:39 AM	01074	163	VOL. 1014, PAGE 33	4355	
	2	DANIELS MANAGEMENT INC	RELEASE	09/05/1996	9:40 AM	01074	172	VOL. 1054, PAGE 243	4364	
	2	DANIELS MANAGEMENT INC	LEASE	06/05/1997	10:19 AM	01102	221	98 EAST MAIN STREET	2636	
	1	DANIELS MANAGEMENT INC	LEASE	06/05/1997	10:19 AM	01102	221	98 EAST MAIN STREET	2636	
	2	DANIELS MANAGEMENT INC	RELEASE	03/03/1998	10:18 AM	01136	227	VOL. 993, PAGE 45	920	
	1	DANIELS MANAGEMENT INC	LIEN	04/09/1999	12:40 PM	01198	205	98 EAST MAIN STREET	1677	
	2	DANIELS MANAGEMENT INC	RELEASE	07/15/1999	3:44 PM	01214	19	VOL 1198 PG 205	3744	
	1	DANIELS MANAGEMENT INC	LIEN	04/11/2000	9:15 AM	01248	148	98 EAST MAIN ST	1398	
	2	DANIELS MANAGEMENT INC	RELEASE	06/07/2000	9:10 AM	01257	221	VOL. 1248, PG. 148	2613	
	1	DANIELS MANAGEMENT INC	LIEN	04/12/2001	9:48 AM	01302	78	98 EAST MAIN ST	1677	
	2	DANIELS MANAGEMENT INC	RELEASE	10/03/2001	11:51 AM	01342	325	VOL. 1302 PG. 78	5425	
**	1	DANIELS MANAGEMENT INC	LIEN	05/06/2002	3:00 PM	01394	305	98 EAST MAIN ST	2719	
**	2	DANIELS MANAGEMENT INC	RELEASE	11/06/2002	3:05 PM	01443	35	V1394 P305	6466	
**	1	DANIELS MANAGEMENT INC	LIEN	05/08/2003	11:31 AM	01503	62	98 EAST MAIN ST	3093	
**	2	DANIELS MANAGEMENT INC	RELEASE	10/06/2003	9:52 AM	01570	229	V1503 P62	7755	
**	1	DANIELS MANAGEMENT INC	LIEN	05/06/2004	11:15 AM	01629	209	98 EAST MAIN STREET	2387	
**	1	DANIELS MANAGEMENT INC	LIEN	05/05/2005	10:32 AM	01728	338	98 EAST MAIN ST	2239	
**	2	DANIELS MANAGEMENT INC	RELEASE	11/04/2005	11:43 AM	01782	103	V1629 P209	6237	

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Search Criteria:
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Main ->Last/Entity-(DANIELS)
Other->

Grantor/Grantee-Party Name Search Results
Certified from Jul 11 1967 through Jul 31 2011

Vernon Town Clerk
Bernice K. Dixon
Town Clerk

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I M	1 2	Name/Corporation	Document Type	Recorded Date	Recorded Time	Volume	Page	Location/Remarks-First Entry Only	Document No	Cg ?
**	1	DANIELS MANAGEMENT INC	LIEN	05/09/2006	11:22 AM	01829	279	98 EAST MAIN ST	2325	
**	1	DANIELS MANAGEMENT INC	LIEN	05/08/2007	3:29 PM	01919	240	98 EAST MAIN ST	2648	
**	1	DANIELS MANAGEMENT INC	LIEN	05/07/2008	2:36 PM	01995	3	98 EAST MAIN ST	1993	
**	2	DANIELS MANAGEMENT INC	RELEASE	09/09/2008	3:22 PM	02013	118		3956	
**	1	*DANIELS MANAGEMENT INC*	*LIEN*	*05/19/2009*	*2:58 PM*	*02050*	*251*	98 EAST MAIN ST	*2028*	
**	2	*DANIELS MANAGEMENT INC*	*RELEASE*	*02/16/2010*	*4:13 PM*	*02097*	*109*		*589*	
**	1	*DANIELS MANAGEMENT INC*	*LIEN*	*04/21/2010*	*2:34 PM*	*02106*	*47*	98 EAST MAIN ST	*1575*	
**	1	*DANIELS MANAGEMENT INC*	*LIEN*	*04/20/2011*	*1:00 PM*	*02164*	*165*	98 EAST MAIN ST	*1487*	
	2	DANIELS MANAGEMENT INCORP	WARRANTY DEED	11/20/1979	12:00 AM	00372	286	SEE 3 PCS 98 EAST MAIN ST	3903	
	1	DANIELS MANAGEMENT INCORP	MORTGAGE	11/20/1979	12:00 AM	00372	289	SEE 3 PCS EAST MAIN ST	3904	
	1	DANIELS MANAGEMENT INCORP	CONDITIONAL ASSIGNMENT	11/20/1979	12:00 AM	00372	298	SEE 3 PCS EAST MAIN ST	3905	
**	1	*DANIELS MANAGEMENT INCORP*	*LIS PENDENS*	*06/13/2011*	*1:19 PM*	*02171*	*65*	EAST MAIN ST 3 PCLS	*2262*	

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Grantor/Grantee
Recorder of Deeds
Town of Vernon Connecticut

SEARCH RESULTS REPORT

Run Date: 09/27/2011
Run Time: 01:23P
Page: 1 of 1

Document No	Document Type	Recorded Date	Volume	Page
3903	WARRANTY DEED	11/20/1979	00372	00286

Grantor
KAPLAN BENJAMIN B
KAPLAN SAMUEL N

Grantee
DANIELS MANAGEMENT INCORPORATED

PROPERTY DESCRIPTION
SEE 3 PCS 98 EAST MAIN ST

REFERENCES

1487	04/20/11 LIEN	L	02164	165
2028	05/19/09 LIEN	L	02050	251

VOL 2050 PG 251
INST: 2028

CERTIFICATE CONTINUING TAX LIEN FOR NOT MORE THAN FIFTEEN YEARS

The undersigned COLLECTOR OF REVENUE of the TOWN OF VERNON, in the County of TOLLAND , State of CONNECTICUT, hereby continues for a period of not more than fifteen years from the date hereof a tax lien in favor of the said TOWN OF VERNON which real estate is described as follows:

PROP LOC : 98 EAST MAIN ST
M/B/L:

BILL #2007-01-0102067
VOL. 372 PAGE 286

The lien continued by this certificate is to secure payment of a tax, THE PRINCIPAL OF WHICH AMOUNTS TO $11,833.72 due to said TOWN OF VERNON with legal interest, fees and charges thereon, laid on the assessment list of OCTOBER 01, 2007 and appearing in the rate bill in the name of:

DANIELS MANAGEMENT INC
PO BOX 451
98 EAST MAIN ST VERNON CT 06066-0451

THE PRINCIPAL of which tax became due on 07/01/2008 and 01/01/2009.

This certificate is filed in accordance with the provisions of the applicable law. By the recording of this lien the undersigned COLLECTOR OF REVENUE hereby gives notice of his/her intention, if necessary,to claim against the proceeds of fire insurance policies in accordance with the provisions of Sections 12-173 and 49-73a through 49-73i as revised

Dated at VERNON , Connecticut, 19 May 2009

Terry Hjarne
TERRY HJARNE
TOWN OF VERNON

RECORDED IN
VERNON LAND RECORDS
Bernice K. Dixon
VERNON TOWN CLERK
ON May 19,2009 AT 02:58P

VOL 2164 PG 165
INST: 1487

CERTIFICATE OF CONTINUING TAX LIEN FOR NOT MORE THAN FIFTEEN YEARS (REGULAR)

THE UNDERSIGNED COLLECTOR OF REVENUE OF THE TOWN OF VERNON IN THE STATE OF CONNECTICUT HEREBY CONTINUES FOR A PERIOD OF NOT MORE THAN FIFTEEN YEARS FROM THE DATE HERE OF A TAX LIEN IN FAVOR OF THE SAID TOWN OF VERNON UPON CERTAIN REAL ESTATE SITUATED IN SAID TOWN OF VERNON, WHICH REAL ESTATE IS DESCRIBED AS FOLLOWS :

PROP LOC : 98 EAST MAIN ST **BILL #2009-01-0302120**
M/B/L: 40-0117-00005 **VOL. 372 PAGE 286**

The lien continued by this certificate is to secure payment of a tax, THE PRINCIPAL OF WHICH AMOUNTS TO $12,609.30 due to said TOWN OF VERNON with legal interest, fees and charges thereon, laid on the assessment list of OCTOBER 01, 2009 and appearing in the rate bill in the name of:

DANIELS MANAGEMENT INC
98 EAST MAIN ST VERNON CT 06066-0451

THE PRINCIPAL of which tax became due on 07/01/2010 and 01/01/2011.

THIS CERTIFICATE IS FILED IN ACCORDANCE WITH THE PROVISIONS OF THE APPLICABLE LAW. BY THE RECORDING OF THIS LIEN, THE UNDERSIGNED COLLECTOR OF REVENUE HEREBY GIVES NOTICE OF HIS INTENTION, IF NECESSARY, TO CLAIM AGAINST THE PROCEEDS OF FIRE INSURANCES POLICIES IN ACCORDANCE WITH THE PROVISIONS OF SECTIONS OF 12-173, AND 49-73A THROUGH 49-73I, AS REVISED.

Dated at VERNON , Connecticut, 20 April 2011

Terry Hjarne
TERRY HJARNE

RECORDED IN
VERNON LAND RECORDS
Bernice K. Dixon
VERNON TOWN CLERK
ON Apr 20,2011 AT 01:00P

This INDENTURE, made as of the first day of March, 1970, between SAMUEL N. KAPLAN and BENJAMIN B. KAPLAN, of Rockville, Connecticut, hereinafter called the party of the first part and ALBI MFG. CO., INC., a Connecticut corporation of Rockville, Connecticut, party of the second part,

W I T N E S S E T H :

WHEREAS by a certain indenture of lease made as of January 1, 1958 The Double B Products Co., Inc., a Connecticut corporation did demise and let unto the party of the second part, all of the premises herein described, to wit: all that certain plot, piece or parcel of land lying and being in the City of Rockville, County of Tolland, State of Connecticut, bounded and described as follows:

> A certain piece or parcel of land situated in the Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows: Beginning at the northeast corner of the premises herein described at the intersection of stonewalls, a point on the southerly line of East Main Street, the northwest corner of property formerly of J. P. Stevens & Co., Inc., known as the Daniels property, thence along said street north 89°, 41 minutes, west 97.0 feet, thence along other line of J. P. Stevens & Co., Inc. south 0°, 19 minutes, west 30.0 feet, thence along other line of J. P. Stevens & Co., Inc. south 89°, 41 minutes, east 93.6 feet, thence along said Daniels property north 0°, 41 minutes, east 30.2 feet to the place of point of beginning, and

WHEREAS The Double B Products Co., Inc. did by quit-claim deed dated October 23 , 1959 remise, release and forever quit-claim unto the party of the first part, their heirs and assigns forever all of its

right, title and interest in and to the real property hereinbefore described,

Now these presents witness, that, for and in consideration of the sum of One ($1) Dollar , paid by the party of the first part to the party of the second part at the sealing and delivery of these presents , the receipt whereof is hereby acknowledged, and to the intent and purpose that said term in said land and premises may be wholly merged and extinguished, the party of the second part has given, granted and surrendered, and by these presents does give, grant and surrender unto the party of the first part and their heirs, all said lands and premises in said indenture of lease contained and demised as aforesaid, and all the estate, right, title, interest, term of years, property, claim and demand whatsoever of the party of the second part of, in, to or out of the same, or any part or parcel thereof.

To have and to hold said land and premises to the party of the first part, their heirs and assigns, to their own proper use and behoof.

And the party of the second part does hereby, for its successors and assigns agree to and with the party of the first part, their heirs and assigns, that the party of the second part has not at any time heretofore made, done, committed, executed, permitted or suffered any act, deed, matter or thing whatsoever, whereby or wherewith, or by reason or means whereof the said lands and premises hereby assigned or surrendered or any part or parcel thereof are, or is or may, can or

shall be in any wise impeached, charged, affected or incumbered.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year first above written.

Samuel N. Kaplan

Witness:

B. Tyler

Benjamin B. Kaplan

ALBI MFG. CO., INC.

Attest:

By B. B. Kaplan, Pres.

Samuel N. Kaplan

STATE OF NEW YORK)
: ss.: March 2 ,1970
COUNTY OF NEW YORK)

Personally appeared before me Samuel N. Kaplan and Benjamin B. Kaplan, signers and sealers of the foregoing instrument, and they severally acknowledged the same to be their free act and deed, before me a notary public of the State of New York.

Notary Public, State of New York
No. [illegible]
Certificate Filed in New York County
Commission Expires March 30, 1970

STATE OF NEW YORK)
: ss.: March 2,1970
COUNTY OF NEW YORK)

Personally appeared Benjamin B. Kaplan, the President of Albi Mfg. Co., Inc., signer and sealer of the foregoing instrument, and acknowledged the same to be his free act and deed and the free act and deed of said corporation, before me a notary public of the State of New York.

Notary Public, State of New York
No. [illegible]
Certificate Filed in New York County
Commission Expires March 30, 1970

Received March 9, 1970 at 2:50 P.M.
Henry F. Butler, Town Clerk

Exhibit 2

AGREEMENT OF LEASE made as of March 1, 1970 by and between SAMUEL N. KAPLAN and BENJAMIN B. KAPLAN, of Rockville, Connecticut, hereinafter called the "Lessor" and Cities Service Company, a Delaware corporation, having its principal office and place of business at No. 70 Pine Street, New York, New York 10005, hereinafter called the "Lessee",

W I T N E S S E T H :

The Lessor hereby leases to the Lessee and the Lessee hereby hires from the Lessor all that certain plot, piece or parcel of land lying and being in the City of Rockville, County of Tolland, State of Connecticut, bounded and described as follows:

> A certain piece or parcel of land situated in the Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows: Beginning at the northeast corner of the premises herein described at the intersection of stonewalls, a point on the southerly line of East Main Street, the northwest corner of property formerly of J. P. Stevens & Co., Inc., known as the Daniels property, thence along said street north 89°, 41 minutes, west 97.0 feet, thence along other line of J. P. Stevens & Co., Inc. south 0°, 19 minutes, west 30.0 feet, thence along other line of J. P. Stevens & Co., Inc. south 89°, 41 minutes, east 93.0 feet, thence along said Daniels property north 0°, 41 minutes, east 30.2 feet to the place of point of beginning. This contains 0.06 acres of land.

together with all of the buildings and improvements thereon, for a term of seven (7) years, ten (10) months, to commence as of the first day of March, 1970 and to end on the 31st day of December, 1977, both dates inclusive, at an annual rent of Eighteen Thousand Dollars ($18,000), or as said rent may be increased, as hereinafter provided, which the Lessee

agrees to pay in equal monthly installments in advance on the first day of each month during said term.

The parties hereto, for themselves, their heirs, distributees, executors, administrators, legal representatives, successors and assigns, hereby covenant as follows:

1. The Lessee shall pay the rent as above and as hereinafter provided.

2. The Lessee shall pay as additional rent, in addition to the rent hereinbefore set forth, (1) any amount by which the real estate taxes on the leased premises for the tax year 1970 may be increased by the City of Rockville and/or the Town of Vernon each year of the term of the lease subsequent to the tax year 1970 and (2) any increase subsequent to the date of this lease in the cost to the Lessor of insurance on the leased premises.

3. In addition to the rent and additional rent, if any, provided to be paid by the Lessee, the Lessee shall pay the actual cost of all water, electricity and heat used by the Lessee in the leased premises.

4. The Lessee shall use the leased premises for the conduct of business and the manufacturing of chemical and paint materials.

5. The Lessee shall commit no waste, nor suffer the same to be committed, on the leased premises, nor shall the Lessee injure or misuse the same. The Lessee further agrees to repair all damage which may occur to windows and to gas or water pipes due to the negligence of the Lessee, its agents and employees.

The Lessor hereby releases the Lessee (but only to the extent hereafter provided) from any liability for damages or destruction to the leased premises or to the building in which the leased premises are

located or to the property of the Lessor due to the fault or negligence of the Lessee or the Lessee's servants, employees, agents, visitors or licensees, provided, however, that this release shall be in full force and effect only with respect to losses or damages covered by the Lessor's policies of fire and extended coverage insurance to the extent that said policies include a clause to the effect that the release granted herein shall not affect such policy or the Lessor's rights to recover thereunder.

Lessor represents that its fire and extended coverage insurance policies with respect to the building on the leased premises presently include clauses to the effect that the foregoing releases do not affect said policies or the Lessor's rights to recover thereunder.

6. The Lessee shall comply with and conform to all of the laws of the State of Connecticut and the by-laws, rules and regulations of the City of Rockville, relating to health, nuisance, fire, highways and sidewalks, so far as the premises hereby leased are or may be concerned, and to save the Lessor harmless from all fines, penalties or cost for violation of or non-compliance with the same.

7. Lessee may make such alterations, additions, or improvements in such parts of the leased premises as the Lessee deems necessary for its purposes.

8. The Lessee shall have the right to remove any additions or alterations to the leased premises which may have been installed by the Lessee, or by the Lessee's predecessor, Albi Manufacturing Company, Inc., including all production equipment and fixtures

as hereinafter set forth in Exhibit 1 annexed hereto, provided, however, that any such additions, alterations or equipment, as the case may be, had been installed at the Lessee's expense, or at the expense of Albi Manufacturing Company, Inc. and provided further, that the Lessee shall at its expense fully repair the leased premises in order to remove any and all damage thereto caused by the removal of any such alterations, additions or equipment, in order that possession of the premises shall be returned by the Lessee to the Lessor in the same condition in which it was delivered to the Lessee, reasonable wear and tear excepted.

9. The Lessor shall at the Lessor's cost and expense keep the exterior of the premises in tenantable order and repair equal to its present condition and shall make any and all structural repairs in the interior of said premises where the same may be required as the result of ordinary wear and unavoidable casualty.

10. The Lessor covenants and agrees with the Lessee that upon the Lessee paying the rent and additional rent and observing and performing all the terms, covenants and conditions on Lessee's part to be observed and performed, Lessee may peaceably and quietly enjoy the premises hereby demised, subject, nevertheless, to the terms and conditions of this lease.

11. In case of partial damages to the leased premises by fire the Lessor shall repair the same as speedily as possible at the Lessor's expense. Should such damage by fire be so extensive as to render

said premises untenantable, the obligation of the Lessee to pay rent under this lease shall cease until such time as the leased premises shall have been completely repaired. In the event that the damage to the premises by fire amounts to 50% or more of its reconstruction cost, the Lessor and the Lessee shall each have the option of terminating this lease at any time within thirty days after such fire has occurred. In case of the exercise of such option by either party hereto, the rebuilding or replacing of the premises shall not operate as a continuation or revival of this lease.

IN WITNESS WHEREOF the parties hereto have respectively signed and sealed this lease as of the day and year first above written.

Witness:

B.J. Tyler

Samuel N. Kaplan

Benjamin B. Kaplan

CITIES SERVICE COMPANY

Witness:

Park Hollan, JR.

By

Executive Vice President

C.J. Whidelich

STATE OF New York)
: ss.: March 2, 1970
COUNTY OF New York)

Personally appeared before me Samuel N. Kaplan and Benjamin B. Kaplan, signers and sealers of the foregoing instrument, and they severally acknowledged the same to be their free act and deed, before me a notary public of the State of New York.

(Official Seal)

MARTHA T. NORTWICH
Notary Public, State of New York
No. [illegible] Bronx County
Certified to [illegible] New York County
Commission Expires March 30, 1970

STATE OF NEW YORK)
: ss.: March 2, 1970
COUNTY OF NEW YORK)

Personally appeared C. J. Waidelich, Executive Vice President of Cities Service Company, signer and sealer of the foregoing instrument, and acknowledged the same to be his free act and deed and the free act and deed of said corporation, before me a notary public of the State of New York.

MARTHA T. NORTWICH
Notary Public, State of New York
No. [illegible] Bronx County
Certified in [illegible] New York County
Commission Expires March 30, 1970

Received March 2, 1970 at 2:15 P.M.
Henry F. Butler, Town Clerk

(Individual)

VOL 372 PAGE 286

STATUTORY FORM WARRANTY DEED

KNOW YE, THAT We, BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN, both of the Town of West Hartford, County of Hartford and State of Connecticut for consideration paid, grant to DANIELS MANAGEMENT INCORPORATED, a Connecticut corporation having an office and principal place of business in the Town of Vernon, County of Tolland and State of Connecticut, with WARRANTY COVENANTS

(Description and Encumbrances, if any and any additional provisions)

three (3) certain pieces or parcels of land, located in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, being known as No. 98 East Main Street, and being more particularly bounded and described on Schedule A attached hereto and made a part hereof.

"$ 44.00 Conveyance Tax received
Henry F. Butler
Town Clerk of Vernon"

Signed this 20th day of November, 1979

Witnessed by:

Robert A. Gilberg

Louis Gavitt

Benjamin B. Kaplan

Samuel N. Kaplan

STATE OF CONNECTICUT,
COUNTY OF HARTFORD } ss. Hartford November 20, 1979

Personally Appeared BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN Signer(s) of the foregoing Instrument, and acknowledged the same to be their free act and deed, before me.

Grantees' Mailing Address
22 Davis Ave.
Rockville, Conn. 06066

Commissioner of Superior Court
Robert A. Gilberg

SCHEDULE A

FIRST PIECE:

A certain piece or parcel of land, situate, lying and being in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, on the south side of East Main Street. Said premises are more particularly bounded and described as follows:

Commencing at a point in the south side of East Main Street, which point marks the north-west corner of land now or formerly of Albi Manufacturing Company; thence running south 0° 19' west along the westerly line of land now or formerly of Albi Manufacturing Company fifty (50) feet to a point; thence running north 89° 37' west nineteen and fifty seven one-hundredths (19.57) feet to a point; thence running north 1° 19' west fifty (50) feet to an iron pin set in the southerly street line of East Main Street, thence running south 89° 41' east along the south side of East Main Street twenty one (21) feet to the point or place of beginning.

SECOND PIECE:

A certain piece or parcel of land, with the buildings thereon, situated in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at a point on the southerly line of East Main Street, the northwest corner of land now or formerly of The American Dyeing Corporation; thence along said street line five courses, as follows: (1) North 43° 02' West 17.0 feet, (2) North 50° 45' West 22.7 feet, (3) North 58° 39' West 34.1 feet, (4) North 63° 01' West 97.5 feet, (5) North 82° 41' West 70.9 feet; thence along the westerly face of a retaining wall and along other land of J. P. Stevens & Co., Inc. South 6° 41' West 62.4 feet to a point in the American Mill Pond, so-called; thence along other land of said J. P. Stevens & Co., Inc. South 89° 07' East 79.1 feet and South 62° 49' East 35.0 feet; thence entering into and including herein a small part of the American Mill Tract No. 1, South 27° 11' West 11.9 feet and South 62° 49' East 12.0 feet; thence along the easterly line of said American Mill Tract No. 1 South 28° 45' West 47.5 feet to land of The American Dyeing Corporation; thence along land of said The American Dyeing Corporation South 53° 30' East 59.5 feet and North 47° 55' East 111.0 feet to the place and point of beginning. Containing 0.37 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

THIRD PIECE:

A certain piece or parcel of land, situated in the Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at the intersection of stonewalls, a point on the southerly line of East Main Street, the northwest corner of property formerly of J. P. Stevens & Co., Inc. known as the Daniels Property; thence along said street line North 89° 41' West 97.0 feet; thence along other land of J. P. Stevens & Co., Inc.

South 0° 19' West 30.0 feet; thence along other land of J. P. Stevens & Co., Inc. South 89° 41' East 93.6 feet; thence along said Daniels Property North 6° 41' East 30.2 feet to the place and point of beginning. Containing 0.06 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

The above three pieces are subject to the following:

1. Any and all provisions of any ordinance, municipal regulation or public or private law, including building, planning and zoning order of the Town of Vernon, City of Rockville.

2. Easements of record appearing.

3. Subject to such a state of facts which an accurate survey or personal inspection of the premises would disclose.

4. Taxes on the List of October 1, 1978, due the Town of Vernon, being one-half paid, and to taxes on the List of October 1, 1979, due the Town of Vernon, not yet due and payable.

Received Nov. 20 1979 at 4:35 P.M.
Henry F. Butler, Town Clerk

GERSTE
ATTO
234 F
HART
120

OPEN END
MORTGAGE DEED

TO ALL PEOPLE TO WHOM THESE PRESENTS SHALL COME, GREETING:

KNOW YE, that DANIELS MANAGEMENT INCORPORATED, a Connecticut corporation having an office and principal place of business in the Town of Vernon, County of Tolland and State of Connecticut, hereinafter referred to as "Grantor", for the consideration of ONE DOLLAR ($1.00) and other valuable considerations received to the Grantor's full satisfaction of BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN, both of the Town of West Hartford, County of Hartford and State of Connecticut, hereinafter referred to as "Grantees", do give, grant, bargain, sell and confirm unto the Grantees, their heirs and assigns forever that certain piece or parcel of land, with the buildings thereon, more particularly bounded and described in Exhibit A attached hereto and made a part hereof, together with all rights, easements, tenements, hereditaments and appurtenances thereunto appertaining and all right, title and interest, if any, of the Grantor in and to strips and gores adjoining said premises and in and to the land lying in the bed of any street or streets adjoining said premises and together also with all buildings, structures, improvements, fixtures, goods, chattels, equipment and articles of personal property of every kind and character now or at any time hereafter constructed or affixed to or placed upon or used in connection with the operation of said premises, as to all of which Grantor represents that Grantor has (or upon acquisition will have) and will maintain, title free from all prior liens and encumbrances except as mentioned in said Exhibit A, all of which shall be deemed to be accessory to and a part of the realty and included in the security for the indebtedness secured by this mortgage. There shall be excluded, however, any materials, supplies, merchandise or other personal property which, in the ordinary course of business, would be consumed, sold or otherwise disposed of, and any and all fixtures, equipment and other property placed upon the premises by tenants of Grantor and removable by such tenants at will or at the expiration or earlier termination of their leases.

The term "fixtures, goods, chattels, equipment and articles of personal property ... used in connection with the operation" of the mortgaged premises, as herein employed, shall be deemed to include, but shall not be limited to, the following: all partitions, elevators, engines, motors, dynamos, boilers, fuel, bathtubs, water closets, ranges, stoves, carpets, rugs, awnings, screens, window shades, Venetian blinds, heating, refrigerating, plumbing, air-conditioning, gas and electric equipment and fixtures, vacuum cleaning system; sprinkler system and other fire prevention or extinguishing equipment and materials; furniture, furnishings, tables, chairs, seats, benches; pews, organs, pianos and projection and sound equipment; all silver, linen, china and glassware and kitchen, dining room, and restaurant fixtures and equipment; and all other articles and equipment constituting a part of, or used in connection with, the operation of the said premises. If the lien of this mortgage shall be subject to any security agreement, conditional bill of sale, or chattel mortgage covering any personal property herein described or hereby intended to be mortgaged, then and in the event of any default in this mortgage, all right, title and interest of Grantor in and to any and all such personal property is hereby assigned to Grantees, their heirs and assigns, together with the benefits of any deposits or payments now or hereafter made thereon by Grantor or Grantor's predecessors or successors in title to said premises to said personal property.

TO HAVE AND TO HOLD the above granted and bargained premises, with the appurtenances thereof, unto the Grantees, their heirs and assigns forever, to them and their own proper use and behoof. And also Grantor does for itself, its heirs and assigns, covenant with Grantees, their heirs and

See Release Dec. 20, 1984, Vol. 509, Pg. 37
In Vitalis Assignment of Lease & Rentals Dec. 24, 1979 Vol. 372 page 292

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assigns, that at and until the ensealing of these presents they are well seized of the premises as a good indefeasible estate in FEE SIMPLE, and have good right to bargain and sell the same in manner and form as is above written, and that the same are free from all encumbrances whatsoever, except as mentioned in said Exhibit A.

And furthermore, Grantor does by these presents bind itself and its successors and assigns forever to WARRANT AND DEFEND the above granted and bargained premises to Grantees, their heirs and assigns, against all claims and demands whatsoever, except as mentioned in said Exhibit A.

AND WHEREAS, Grantor further agrees to:

1. Keep the buildings and other improvements on said premises and all appliances, machinery, fixtures, furniture, furnishings, and equipment in as good repair and condition as at this time or as hereafter constructed or affixed to or placed on or used in connection with the operation of said premises, ordinary wear and tear only excepted; perform all of the conditions and covenants contained herein and in the note or notes secured hereby; comply promptly with all laws, ordinances, regulations and requirements affecting the said premises enacted or promulgated by any governmental authority having jurisdiction thereover; neither commit nor suffer the commission of waste upon the said premises; pay promptly, before the same shall become delinquent, all taxes and assessments of any kind that may be laid upon said premises or any part thereof, or upon the interest of Grantees in said premises, or upon this mortgage or the note or notes of debt secured hereby for which provisions shall not otherwise be made herein, and any governmental or municipal charges for which lien rights exist; make and pay promptly the cost of emergency repairs needed to protect the property; keep all buildings on said premises insured against loss by fire to an amount satisfactory to Grantees and against such other hazards (including, if available, war risk and damage) as may reasonably be required by Grantees with insurance companies and on policy forms approved by Grantees, with loss, if any, payable to Grantees, and deposit said insurance policies or certificates of insurance with Grantees and claim no cancellation or return of any policy or premium except from and after the redemption of this mortgage, and, in the event of foreclosure of this mortgage or transfer of title of the property mortgaged herein in extinguishment of the indebtedness secured hereby, all right, title, and interest of Grantor in and to any insurance policies then in force concerning said property shall pass to Grantees. All such policies shall provide that they shall not be cancelled or terminated nor the coverage reduced prior to ten (10) days written notification to Grantees. If Grantor shall not keep all buildings insured or make emergency repairs, both as hereinabove provided, or if the above mentioned taxes, assessments, governmental or municipal charges, insurance premiums, or the cost of emergency repairs shall not be paid as above provided, or if Grantor shall not comply with any other of Grantor's covenants herein or contained in the note or notes secured hereby and Grantees shall expend monies by reason thereof, Grantees, whether electing to declare the whole mortgage due and payable or not, may, and it hereby is authorized to, obtain such insurance, perform such repairs, pay such taxes (irregularities in the levy or assessment of taxes being expressly waived), assessments, governmental or municipal charges, insurance premiums or the cost of emergency repairs or of such noncompliance with covenants, and Grantees may add the same to the debt hereby secured, and all such payments, with interest thereon from the time of payment at a rate of two percent (2%) per annum greater than the rate then in effect in the note or notes secured hereby, shall be a lien against said premises, and this mortgage shall stand as security for the repayment thereof. It is further agreed that failure to repay any such payments with interest within three (3) months from the date of such payment shall constitute a default, rendering the entire debt, including such payments and all accrued interest thereon, immediately due and payable without notice at the option of Grantees.

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2. Assign and hereby does assign and agree to pay over promptly to the Grantees any award made with respect to the premises mortgaged or any part thereof, whether in condemnation, eminent domain, or taking by any governmental entity or deed in lieu thereof or by alteration of grade of any street or for any other injury to said premises or decrease in the value thereof, and Grantees shall have the option of applying any such award or any part thereof to any obligations secured hereby and of releasing any balance not so applied to the person or persons to whom such award might otherwise have been made, and Grantor agrees, on request, to make, execute, and deliver to Grantees any and all assignments and other instruments sufficient to assign all such awards to Grantees free and clear of any and all encumbrances of any nature whatsoever.

3. Furnish all such waivers of liens or claims on said premises and such surveys as Grantees may request.

4. Pay interest on the unpaid balance of any note hereby secured from the date of said note and according to its terms.

5. Pay all indebtedness secured hereby in lawful money of the United States of America.

6. Execute no leases for a period in excess of one (1) year of the premises or portions thereof before Grantees approve, and to submit promptly all leases for a period in excess of one (1) year now or hereafter to be executed during the term of this mortgage to Grantees for their approval; to modify or alter such submitted leases (including the priority or subordination thereof to this mortgage) to the satisfaction of Grantees; furnish promptly to Grantees for each lease designated by Grantees a lease modification and ratification agreement executed by both parties to each such lease and satisfactory in form to Grantees, each such agreement to include, among other provisions, the commencement date of the original term of the lease, the agreement that such lease is in full force and effect, the lessee is in possession of the demised premises and paying the full lease rental without offset thereto, and no rental payments have been made in advance except as approved by Grantees, and a recognition of any assignment of lease or rents to Grantees; and, upon request by Grantees, promptly to execute and deliver to Grantees, and without charge therefor, assignments of such leases and/or rents as Grantees may request, satisfactory in form to Grantees.

7. Furnish Grantees annually and within ninety (90) days following the close of the calendar or other year satisfactory to Grantees statements prepared by an accountant, satisfactory in form to Grantees, and in such detail as Grantees may reasonably require for Grantor, and, if requested, for any maker of the note or notes secured hereby and any partner, stockholder or principal of Grantor, but including in any case the balance sheet of Grantor at the end of, and the income and operating expenses of the property mortgaged herein (including the sales volume of any tenants with percentage leases) for, said year.

8. As further and additional security for the performance of the terms and conditions of this mortgage and for the payment of the amounts stipulated in the note or notes secured hereby, assign the rents accruing from said premises to no one, except Grantees. In case of default under this mortgage or in any of the payments stipulated in said note or notes and so long as such default continues, Grantees are hereby authorized and empowered by its servants, agents, or attorneys, to enter upon the mortgaged premises and to collect and receive the rents therefrom, and to apply the same to the payment of said amounts due under said note or notes or this mortgage. And for this purpose, and in case of such default, Grantor hereby assigns, transfers and sets over to Grantees the rents accruing from said premises during the period of such default. Grantor shall perform every obligation of the lessor and

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shall enforce every obligation of the lessee in every lease or tenancy of the whole or any portion of the mortgaged premises and shall not modify, alter, waive or cancel any such lease or tenancy, nor anticipate for more than one month any rents that may be collectible under any such lease or tenancy. Any and all tenants' security deposits in excess of any amount equal to one month's rent under any and all leases or tenancies of any part or all of the premises shall be deposited and pledged so that they cannot be used by Grantor without the consent of Grantees, and in the event of foreclosure of this mortgage, these deposits shall be transferred to Granteesif title is acquired by Granteesor to the purchaser in the event of a foreclosure sale. In the event of any default in the performance of any of the terms, covenants or agreements herein contained, it is agreed that Grantor or other then owner of the mortgaged premises, if it is the occupant of said premises or any part thereof, shall immediately surrender possession of the premises so occupied to the then holder of this mortgage, and if such occupant is permitted to remain in possession, the possession shall be as tenant of such holder of this mortgage, and such occupant shall, on demand, pay monthly in advance to the holder of this mortgage a reasonable rental for the space so occupied and, in default thereof, such occupant may be dispossessed by summary proceedings. Grantees at their option and for the purpose of effecting performance of all such obligations may make application to any court of competent jurisdiction for the appointment of a receiver of rents for said premises and shall be entitled to the appointment of such receiver immediately. Nothing contained in the foregoing provisions shall impair or affect any right or remedy which Grantees might now or hereafter have, were it not for said provision, but the remedy herein given shall be in addition to any others which Grantees may have hereunder.

9. Grantees' right to declare that a default under this mortgage or the note or notes secured hereby shall constitute a default under any other mortgage and note or notes from Grantor to Grantees in effect at the time of any such default and that a default under any other mortgage deed or note or notes from Grantor secured by premises mortgaged herein shall constitute a default under this mortgage deed and the note or notes secured hereby.

10. Permit Grantees and any persons authorized by Grantees to enter and inspect the premises at all reasonable times.

AND IT IS MUTUALLY AGREED THAT:

1. All the provisions herein shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, successors and assigns, except as otherwise herein expressly provided.

2. This mortgage shall fully secure all moneys advanced pursuant hereto and all costs, charges, claims and expenses paid or incurred by Grantees because of this mortgage or the note or notes secured hereby, all of which shall be fully paid before the mortgage shall be satisfied or released.

3. Grantees may collect a "late charge" not to exceed an amount equal to four percent (4%) of any installment of interest or principal which is not paid within thirty (30) days of the due date thereof, to cover the extra expense involved in handling such delinquent payment.

4. Grantees' failure to exercise any rights hereunder upon any default shall not be deemed to be a waiver or relinquishment of its right so to do with respect to said default or upon any subsequent default.

5. Upon request of the then owner of record of the premises hereinbefore described, Grantees may hereafter, at its option, at any time before full payment of this mortgage, make further advancements to such owner in such amounts and at such rates of interest as Grantees shall determine, and every such further advance, with interest, shall be secured by this mortgage and shall

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be evidenced by an additional note to be given by such owner, provided, however, that the amount of principal secured by this mortgage and remaining unpaid shall not, at the time of and including any such advance, exceed the original principal sum secured hereby, and provided further that the time of repayment shall not extend beyond the maturity of the original debt hereby secured.

6. This mortgage and the note or notes secured hereby are to be governed by and construed in accordance with the laws of the State of Connecticut.

7. The words "Grantor" and "Grantees", together with any pronoun or pronouns in connection therewith (and the possessive form of any such pronoun or pronouns), shall include the singular, plural, masculine, feminine, and neuter, as the context may require. Whenever used, the singular number shall include the plural, the plural the singular, and the use of any gender shall include all genders.

8. If this mortgage shall be signed by more than one person, firm or corporation, the obligations of the signers shall be joint and several.

9. Upon the nonperformance or violation of any of the provisions of this mortgage or said note, the entire indebtedness secured shall, at the option of Grantees, become due and payable, without necessity for demand or notice.

THE CONDITION OF THIS DEED IS SUCH THAT WHEREAS Grantor is justly indebted to Grantees in the sum of THIRTY THOUSAND DOLLARS ($30,000.00) as evidenced by a promissory note for said sum of even date herewith payable to Grantees or order, a copy of which note is attached hereto as Exhibit B and made a part hereof.

NOW, THEREFORE, if the note aforesaid and all additional notes which in accordance with the provisions hereof shall be secured hereby, and any extensions or renewals thereof, shall be well and truly paid according to their tenor, and if all agreements and provisions contained in all such notes and herein are fully kept and performed, then this deed shall become null and void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, I, Barbara D. Carter as President of Daniels Management Incorporated, have hereunto set my hand and seal this 20th day of November, 1979.

Signed, Sealed and Delivered
in the Presence of:

Robert A. Gilberg

Timothy J. Johnston

DANIELS MANAGEMENT INCORPORATED

By Barbara D. Carter
Its President
duly authorized

STATE OF CONNECTICUT)
: ss. Hartford November 20, 1979
COUNTY OF HARTFORD)

Personally appeared Barbara D. Carter, President of Daniels Management Incorporated, signer and sealer of the foregoing instrument, who acknowledged the same to be her free act and deed and the free act and deed as President of said corporation, before me.

Commissioner of the Superior Court
~~Robert A. Gilberg~~
Timothy J. Johnston

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06103
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EXHIBIT A

FIRST PIECE:

A certain piece or parcel of land, situate, lying and being in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, on the south side of East Main Street. Said premises are more particularly bounded and described as follows:

Commencing at a point in the south side of East Main Street, which point marks the north-west corner of land now or formerly of Albi Manufacturing Company; thence running south 0° 19' west along the westerly line of land now or formerly of Albi Manufacturing Company fifty (50) feet to a point; thence running north 89° 37' west nineteen and fifty seven one-hundredths (19.57) feet to a point; thence running north 1° 19' west fifty (50) feet to an iron pin set in the southerly street line of East Main Street, thence running south 89° 41' east along the south side of East Main Street twenty one (21) feet to the point or place of beginning.

SECOND PIECE:

A certain piece or parcel of land, with the buildings thereon, situated in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at a point on the southerly line of East Main Street, the northwest corner of land now or formerly of The American Dyeing Corporation; thence along said street line five courses, as follows: (1) North 43° 02' West 17.0 feet, (2) North 50° 45' West 22.7 feet, (3) North 58° 39' West 34.1 feet, (4) North 63° 01' West 97.5 feet, (5) North 82° 41' West 70.9 feet; thence along the westerly face of a retaining wall and along other land of J. P. Stevens & Co., Inc. South 6° 41' West 62.4 feet to a point in the American Mill Pond, so-called; thence along other land of said J. P. Stevens & Co., Inc. South 89° 07' East 79.1 feet and South 62° 49' East 35.0 feet; thence entering into and including herein a small part of the American Mill Tract No. 1, South 27° 11' West 11.9 feet and South 62° 49' East 12.0 feet; thence along the easterly line of said American Mill Tract No. 1 South 28° 45' West 47.5 feet to land of The American Dyeing Corporation; thence along land of said The American Dyeing Corporation South 53° 30' East 59.5 feet and North 47° 55' East 111.0 feet to the place and point of beginning. Containing 0.37 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

THIRD PIECE:

A certain piece or parcel of land, situated in the Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at the intersection of stonewalls, a point on the southerly line of East Main Street, the northwest corner of property formerly of J. P. Stevens & Co., Inc. known as the Daniels Property; thence along said street line North 89° 41' West 97.0 feet; thence along other land of J. P. Stevens & Co., Inc.

South 0° 19' West 30.0 feet; thence along other land of J. P. Stevens & Co., Inc. South 89° 41' East 93.6 feet; thence along said Daniels Property North 6° 41' East 30.2 feet to the place and point of beginning. Containing 0.06 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

The above three pieces are subject to the following:

1. Any and all provisions of any ordinance, municipal regulation or public or private law, including building, planning and zoning order of the Town of Vernon, City of Rockville.

2. Easements of record appearing.

3. Subject to such a state of facts which an accurate survey or personal inspection of the premises would disclose.

4. Taxes on the List of October 1, 1978, due the Town of Vernon, being one-half paid, and to taxes on the List of October 1, 1979, due the Town of Vernon, not yet due and payable.

VOL 372 PAGE 296

MORTGAGE NOTE

$30,000.00 Hartford, Connecticut November 20, 1979

FOR VALUE RECEIVED, the undersigned promises to pay to the order of BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN, both of the Town of West Hartford, County of Hartford and State of Connecticut, as such place as the holder hereof may designate in writing, the principal sum of THIRTY THOUSAND DOLLARS ($30,000.00) together with interest thereon from the date hereof until maturity on the whole of said principal sum remaining from time to time unpaid, at the rate of ten percent (10%) per annum, said interest and principal being due and payable as follows:

In quarterly installments of interest only commencing March 1, 1980, and quarterly thereafter, up to and including the first day of December, 1984, when all unpaid interest and the entire principal balance remaining unpaid, together with any accrued interest thereon, shall be paid.

Makers agree to pay all taxes or duties assessed upon said sum against holders or other owner of this Note, the debt evidenced hereby, or the mortgage securing the same, and upon the property by mortgage of which the same is secured, and to pay all costs, expenses, or attorneys' fees incurred by holders in any proceeding for collection of the debt evidenced hereby, any foreclosure of the mortgage securing this Note, protecting or sustaining the lien of such mortgage, or any litigation or controversy arising from or connected with this Note or the mortgage securing the same.

If default shall be made for thirty (30) days in the payment of any installment of principal and interest due under this Note, in the payment of taxes or any municipal assessment, any insurance premiums, or any lien or charge upon any property by mortgage of which this Note is secured, or if any building on said property shall without holders' written consent be removed, demolished, threatened with demolition, or substantially or structurally altered in any respect, or if makers shall fail to perform any covenant contained in the mortgage deed securing the payment of this Note, or if a petition shall be filed by or against a maker under the Federal Bankruptcy act or acts amendatory thereof or supplemental thereto or under any statute either of the United States or any state in connection with insolvency or reorganization (or if any receiver or trustee of all or a portion of makers' property is appointed and is not discharged or removed within ninety (90) days after such petition), or if an assignment of a makers' property be made for the benefit of creditors, or if a maker shall die or liquidate or dissolve or shall be liquidated or dissolved, or if any building on said premises shall be substantially damaged in any manner and shall not be covered with insurance deemed adequate by holder, or if the United States of America, the State of Connecticut, or any agency or subdivision thereof, shall impose a tax, levy, or assessment on or concerning this Note, the mortgage securing the same, or on the debt thereby evidenced or secured, that makers cannot lawfully or shall not pay, or if makers' title to any portion of the premises mortgaged to secure this Note shall become vested in other than a maker hereof, then the entire principal sum with accrued interest thereon due under this Note shall at the option of holders become due and payable forthwith. No failure to exercise such option shall be deemed a waiver on the part of holders of any right accruing thereafter.

Each and every maker, endorser, guarantor, and surety of this Note and all others who may become liable for all or any part of this obligation do hereby waive demand, presentment for payment, protest, notice of protest and notice of nonpayment of this Note, and do hereby consent to any number of renewals or extensions of the time of payment hereof, and agree that any such renewals or extensions may be made without notice to any of said

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parties and without affecting their liability hereon and further consent to the release of any part or parts or all of the security for the payment thereof and to the release of any party or parties liable hereon, all without affecting the liability of the other persons, firms, or corporations liable for the payment of this Note.

Makers agree that all expenditures by holders on account hereof other than principal, and this Note after maturity or in the event of a default that continues for more than thirty (30) days, shall bear interest at a rate of two percent (2%) per annum greater than that hereinabove provided.

Each maker, endorser, and guarantor hereof gives holders a lien and right of setoff for all of makers' liabilities hereunder upon and against all deposits, credits and property of each maker, endorser, or guarantor, other than the premises mortgaged to secure this Note, and any other collateral of a maker, endorser, or guarantor now or hereafter in the possession or control of holders or in transit to it. Holders may at any time apply the same, or any part thereof, to any liability of makers even though unmatured.

This Note may be prepaid in full or in part at any time. Any and all prepayments shall be credited to the unpaid principal of this Note in the inverse order of maturity, and shall not affect the obligation to pay the regular installments required hereunder, until the entire indebtedness has been paid.

Each maker, endorser and guarantor hereof waives any right to notice of hearing under Connecticut Public Act No. 73-431, as now or hereafter amended, or any successor act thereto, and authorizes the attorney of any holder of this Note to issue a writ for a prejudgment remedy without court order.

This Note shall be governed by and construed in accordance with the laws of the State of Connecticut.

DANIELS MANAGEMENT INCORPORATED

By Barbara A. Cantor
Its President

Soloman Cantor (L.S.)

Barbara Cantor (L.S.)

This note is secured by a mortgage on real property known as No. 98 East Main Street, Vernon, Connecticut.

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(203) 522 0173

Received Nov. 20 1979 at 4 37 P. M.
Henry F Butler, Town Clerk

VOL 372 PAGE 298

COLLATERAL ASSIGNMENT OF LEASES AND RENTALS

This assignment made this 20 day of November, 1979, by DANIELS MANAGEMENT INCORPORATED, a Connecticut corporation having an office and principal place of business in the Town of Vernon, County of Tolland and State of Connecticut, hereinafter together referred as Assignor, to BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN, both of the Town of West Hartford, County of Hartford and State of Connecticut, hereinafter referred to as Assignee,

W I T N E S S E T H:

For value received, the Assignor hereby grants, transfers, and assigns to Assignee, the lease or leases, with amendments, if any, described in Schedule A if attached hereto (said lease or leases hereinafter referred to as the Lease), which leases cover portions or all of the real property described in Schedule B, hereinafter referred to as the premises, and any extensions and renewals of any thereof and any guarantees of the lessee's obligations under any thereof, and all rents, income and profits arising from said leases and extensions and renewals thereof, if any, and together with all rents, income and profits due or to become due from the premises and from any and all leases or tenancies for the use and occupation of the premises or any part thereof which are now in existence or which may be created in the future during the term of this Assignment, whether or not recorded; together with and including the Lessor's entire interest in any lease, tenancy, rental or occupancy agreement now existing or which may be made hereafter affecting the premises, and together with all the right, power and authority of Assignor to alter, modify or change or to terminate the term thereof or accept a surrender thereof or to cancel the same or to waive, or release the Lessee from the performance or observance by the Lessee of any obligation or condition thereof or to anticipate rents or any other payments thereunder from more than thirty (30) days prior to accrual, without the prior written consent of Assignee; for the purpose of securing (a) payment of all sums now or at any time hereafter due Assignee as evidenced by a note of even date herewith, including any extensions or renewals thereof (the note) and secured by mortgage to Assignee of the premises of even date herewith (the mortgage) which mortgage will be recorded on the date that this instrument is recorded, and (b) performance and discharge of each and every obligation, covenant and agreement contained herein and in the mortgage and the note.

The Assignor and Assignee further agree as follows:

1. Assignor shall not alter, modify or change the Lease or terminate the term thereof or accept a surrender thereof or cancel the Lease or waive or release the Lessee from the performance or observance by the Lessee of any obligations or conditions thereof or anticipate rents, or any other payments thereunder for more than thirty (30) days prior to accrual without the prior written consent of Assignee.

2. The Assignor will fulfill or perform each and every condition and covenant of the Lease by Lessor to be fulfilled or performed, give prompt notice to Assignee of any notice of default by the Assignor under the Lease received by the Assignor together with a complete copy of any such notice and at the sole

GERSTEN & GERSTEN
ATTORNEYS AT LAW
234 PEARL STREET
HARTFORD, CONN
06103
(203) 522-0173

Lee Release Rec. 20, 1984, Vol. 509, Pg. 37

cost and expense of the Assignor enforce, short of termination of the Lease, the performance or observance of each and every covenant of the Lease by the Lessee to be performed or observed.

3. So long as the note shall remain unpaid or the mortgage unreleased, the Assignor shall not convey the premises to any Lessee now or hereafter occupying the premises or any part thereof, unless the deed or other conveyance contains a provision in form satisfactory to Assignee that the lease of such Lessee shall not merge in the fee by reason of such conveyance and that the Lease, together with the obligation to pay rent and other charges thereunder, shall continue in full force and effect.

4. All subsequent leases and tenancies for the use and occupation of the premises or any part thereof shall be and are hereby made subject to all of the terms of this assignment, and Assignor shall further assign and transfer the same to Assignee by assignment satisfactory to Assignee upon their creation, if Assignee so requests.

5. Assignee shall not be obligated to perform or discharge any obligation under the Lease, or under or by reason of this Assignment, and the Assignor hereby agrees to indemnify Assignee against and hold it harmless from any and all liability, loss or damage which it may or might incur under the Lease or under or by reason of this Assignment and of and from any and all claims and demands whatsoever which may be asserted against it by reason of any alleged obligation or undertaking on its part to perform or discharge any of the terms of the Lease; should Assignee incur any such liability, loss or damage under the Lease or under or by reason of this Assignment, or in defense against any such claims or demands, the amount thereof, including costs, expenses and reasonable attorneys' fees, together with interest thereon at the rate set forth in the note, shall be secured hereby and by the Mortgage, and the Assignor shall reimburse Assignee therefor immediately upon demand.

6. Upon or at any time after default in the payment of any indebtedness secured hereby or in the performance of any obligation, covenant or agreement herein or in the mortgage or the note or in Landlord's covenants in any lease covering all or a portion of the premises, Assignee may, at its option, without notice, and without regard to the adequacy of the security for the indebtedness hereby secured, in person or by agent, with or without bringing any action, suit or proceeding, enter upon and take possession of, the premises, and have, hold, manage, lease and operate the same on such terms, employing such management agents and for such period of time as Assignee may deem proper; and may collect and receive all rents, issues and profits of the premises, including those past due, with full power to make from time to time all alterations, renovations, repairs or replacements thereto as it may deem proper and make, enforce, modify and accept the surrender of leases; fix or modify rents; and do any acts which Assignee deems proper to protect the security hereof until all indebtedness secured hereby is paid in full, and either with or without taking possession of the premises, in its own name, sue for or otherwise collect and receive all rents, issues and profits, including those past due and unpaid, and apply the same, less costs and expenses of operation and collection, including reasonable attor-

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ATTORNEYS AT LAW
234 PEARL STREET
HARTFORD CONN
06103
(203) 522 0173

neys' fees, management agents' fees, and if Assignee manages the premises with its own employees, an amount equal to the customary management agents' fees charged for similar property in the area where the premises are located, upon any indebtedness secured hereby in such order as Assignee may determine. Assignee shall not be accountable for more monies than it actually received from the premises; nor shall it be liable for failure to collect rents for any reason whatsoever. It is not the intention of the parties hereto that an entry by Assignee upon the premises under the terms of this instrument shall constitute Assignee as "mortgagee in possession" in contemplation of law, except at the option of Assignee. Assignor shall facilitate in all reasonable ways, any action taken by Assignee under this paragraph and Assignor shall, upon demand by Assignee, execute a written notice to each lessee and occupant directing that rent and all other charges be paid to Assignee.

7. The Assignor represents and warrants that:

(a) The Assignor has not executed any prior assignment or pledge of any of its rights, nor are its rights encumbered, with respect to the Lease, or any of the rents, income or profits due or to become due from the premises, except as they are encumbered by the mortgage and herein;

(b) The Assignor has good right to assign the Lease, and the rents, income and profits due, or to become due from the premises;

(c) The Assignor has not done anything which might prevent Assignee from or limit Assignee in acting under the provisions hereof;

(d) The Assignor has not accepted rent under the Lease or under any rental or occupancy agreement more than thirty (30) days in advance of its due date;

(e) The Lease is valid and enforceable and unmodified except as stated in Schedule A and there is no present default by any party thereto; and

(f) All present leases together with all amendments and modifications thereto and all collateral agreements, letter agreements, waivers, and other documents affecting said leases are listed on Schedule A, if Schedule A is attached hereto, and correct copies thereof have been furnished to Assignee.

8. So long as there is no default in the payment of any indebtedness secured hereby or in the performance of any obligation, covenant or agreement herein or in the note evidencing said indebtedness or in the mortgage or any other instrument securing said indebtedness, the Assignor shall have the right to collect, but not more than thirty (30) days prior to accrual, all rents, issues and profits from the premises and to retain, use and enjoy the same.

9. In addition to all other rights Assignee may have at law or in equity, Assignee may assign its rights hereunder to any subsequent holder of the Note.

10. Upon the payment in full of all indebtedness secured hereby, as evidenced by the recording or filing of a full release of the mortgage executed by

GERSTEN & GERSTEN
ATTORNEYS AT LAW
234 PEARL STREET
HARTFORD, CONN
06103
(203) 522 0173

the then holder of the mortgage, this Assignment shall become and be void and of no effect.

11. Assignee may take or release other security, may release any party primarily or secondarily liable for any indebtedness secured hereby, may grant extensions, renewals or indulgences with respect to such indebtedness, and may apply any other security therefor held by it to the satisfaction of such indebtedness without prejudice to any of its rights hereunder. Nothing herein contained and no act done or omitted by Assignee pursuant to the powers and rights granted it herein shall be deemed to be a waiver by Assignee of its rights and remedies hereunder or under the note and the mortgage, but this Assignment is made and accepted without prejudice to any of the rights and remedies possessed by Assignee under the terms thereof. The right of Assignee to collect said indebtedness, and to enforce any other security therefor held by it may be exercised by Assignee either prior to, simultaneously with or subsequent to any action taken by it hereunder. Any failure by Assignee to insist upon the strict performance by the Assignor of any of the terms and provisions hereof shall not be deemed a waiver of any of the terms and provisions hereof and Assignee may thereafter insist upon strict performance.

12. This Assignment shall be binding on the Assignor, and its heirs, executors, administrators, successors and assigns and shall inure to the benefit of Assignee, its successors and assigns. This Assignment may not be changed orally, but only by an agreement in writing and signed by the party or parties against whom enforcement of any waiver, change, modification or discharge is sought.

13. In this instrument, the use of any gender shall include the other genders and either the singular or the plural shall include the other.

IN WITNESS WHEREOF, this Assignment has been duly signed, sealed, acknowledged and delivered by Assignor on the day and year first above written.

Witnessed by:

Robert A. Gilberg

Timothy J. Johnston

DANIELS MANAGEMENT INCORPORATED

By Barbara P. Caulo

Its President
duly authorized

STATE OF CONNECTICUT)
: ss. Hartford November 20, 1979
COUNTY OF HARTFORD)

Personally appeared Barbara P. Caulo, President of Daniels Management Incorporated, signer and sealer of the foregoing instrument who acknowledged the same to be her free act and deed and the free act and deed as President of said corporation, before me.

Commissioner of the Superior Court
~~Robert A. Gilberg~~
Timothy J. Johnston

GERSTEN & GERSTEN
ATTORNEYS AT LAW
234 PEARL STREET
HARTFORD CONN
06103
(203) 522 0173

SCHEDULE B

FIRST PIECE:

A certain piece or parcel of land, situate, lying and being in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, on the south side of East Main Street. Said premises are more particularly bounded and described as follows:

Commencing at a point in the south side of East Main Street, which point marks the north-west corner of land now or formerly of Albi Manufacturing Company; thence running south 0° 19' west along the westerly line of land now or formerly of Albi Manufacturing Company fifty (50) feet to a point; thence running north 89° 37' west nineteen and fifty seven one-hundredths (19.57) feet to a point; thence running north 1° 19' west fifty (50) feet to an iron pin set in the southerly street line of East Main Street, thence running south 89° 41' east along the south side of East Main Street twenty one (21) feet to the point or place of beginning.

SECOND PIECE:

A certain piece or parcel of land, with the buildings thereon, situated in the City of Rockville, Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at a point on the southerly line of East Main Street, the northwest corner of land now or formerly of The American Dyeing Corporation; thence along said street line five courses, as follows: (1) North 43° 02' West 17.0 feet, (2) North 50° 45' West 22.7 feet, (3) North 58° 39' West 34.1 feet, (4) North 63° 01' West 97.5 feet, (5) North 82° 41' West 70.9 feet; thence along the westerly face of a retaining wall and along other land of J. P. Stevens & Co., Inc. South 6° 41' West 62.4 feet to a point in the American Mill Pond, so-called; thence along other land of said J. P. Stevens & Co., Inc. South 89° 07' East 79.1 feet and South 62° 49' East 35.0 feet; thence entering into and including herein a small part of the American Mill Tract No. 1, South 27° 11' West 11.9 feet and South 62° 49' East 12.0 feet; thence along the easterly line of said American Mill Tract No. 1 South 28° 45' West 47.5 feet to land of The American Dyeing Corporation; thence along land of said The American Dyeing Corporation South 53° 30' East 59.5 feet and North 47° 55' East 111.0 feet to the place and point of beginning. Containing 0.37 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

THIRD PIECE:

A certain piece or parcel of land, situated in the Town of Vernon, County of Tolland and State of Connecticut, bounded and described as follows, to wit:

Beginning at the northeast corner of the premises herein described, at the intersection of stonewalls, a point on the southerly line of East Main Street, the northwest corner of property formerly of J. P. Stevens & Co., Inc. known as the Daniels Property; thence along said street line North 89° 41' West 97.0 feet; thence along other land of J. P. Stevens & Co., Inc.

South 0° 19' West 30.0 feet; thence along other land of J. P. Stevens & Co., Inc. South 89° 41' East 93.6 feet; thence along said Daniels Property North 6° 41' East 30.2 feet to the place and point of beginning. Containing 0.06 acres of land.

Together with and subject to all the rights, privileges and easements in prior deeds or agreements contained or referred to, insofar as the same are now in force and effect.

The above three pieces are subject to the following:

1. Any and all provisions of any ordinance, municipal regulation or public or private law, including building, planning and zoning order of the Town of Vernon, City of Rockville.

2. Easements of record appearing.

3. Subject to such a state of facts which an accurate survey or personal inspection of the premises would disclose.

4. Taxes on the List of October 1, 1978, due the Town of Vernon, being one-half paid, and to taxes on the List of October 1, 1979, due the Town of Vernon, not yet due and payable.

Received Nov. 20. 1979 at 4:39 P.M.
Henry F. Butler, Town Clerk

RELEASE

TO ALL PEOPLE TO WHOM THESE PRESENTS SHALL COME, GREETING:

KNOW YE, THAT We, BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN do hereby release and discharge a certain Open End Mortgage Deed from DANIELS MANAGEMENT INCORPORATED to BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN dated November 20, 1979 and recorded in the Land Records of the Town of Vernon, County of Tolland and State of Connecticut in Volume 372 at Page 289 and a certain Collateral Assignment of Leases and Rentals from DANIELS MANAGEMENT INCORPORATED to BENJAMIN B. KAPLAN and SAMUEL N. KAPLAN dated November 20, 1979 and recorded in said Vernon Land Records in Volume 372 at Page 298., to which reference may be had.

IN WITNESS WHEREOF, We have hereunto set our hands this 13th day of November 1984.

Witnessed:

Bertha Kaplan
BERTHA KAPLAN

Aaron Gerson
AARON GERSON

Benjamin B Kaplan
Benjamin B. Kaplan

Samuel N. Kaplan
Samuel N. Kaplan

STATE OF CONNECTICUT)
)ss. West Hartford November 13, 1984
COUNTY OF HARTFORD)

Personally Appeared, BENJAMIN B. KAPLAN, signer of the foregoing instrument, who acknowledged the same to be his free act and deed, before me.

Commissioner of the Superior Court

STATE OF CONNECTICUT)
)ss. West Hartford November 13, 1984
COUNTY OF HARTFORD)

Personally Appeared, SAMUEL N. KAPLAN, signer of the foregoing instrument, who acknowledged the same to be his free act and deed, before me.

Commissioner of the Superior Court

Received Dec. 20 1984 at 2:06 P. M.
Henry F. Butler Town Clerk

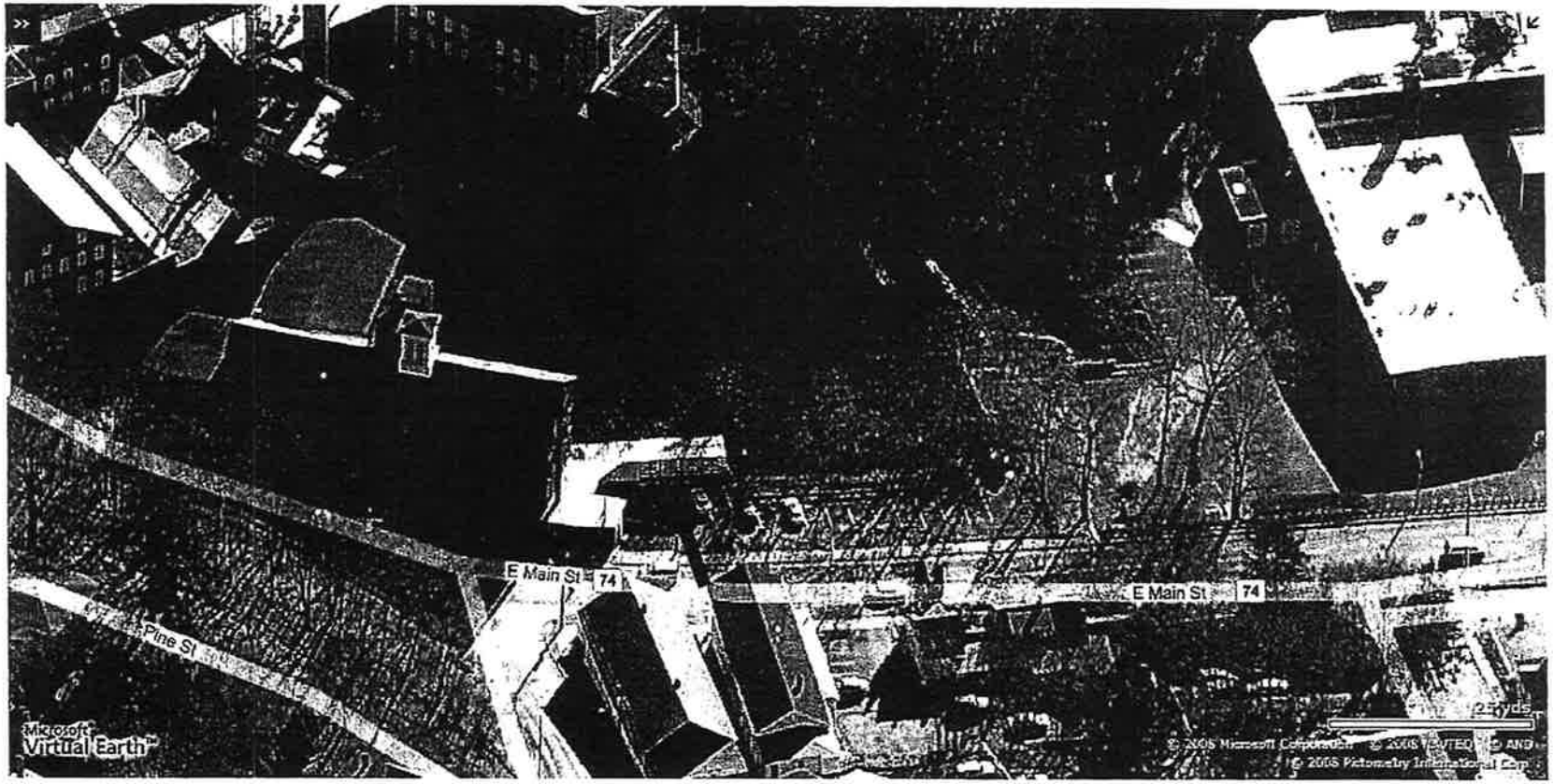
MY COPY

Live Search Maps 98 East Main Street Vernon CT

Businesses People Collections **Locations** Web

Welcome Directions Collections

Share Print



USA

North Central District Health Department
☐ Enfield - 31 North Main Street - P. O. Box 1222 - Enfield, CT 06083 - (860) 745-0383 Fax 745-3188
☐ Vernon - 375 Hatford Turnpike, Room 120 - Vernon-Rockville, CT 06066 - (860) 872-1501 Fax 872-1531
☐ Windham - Town Hall - 979 Main Street - Willimantic, CT 06226 - (860) 465-3033 Fax 465-3032
☐ Stafford - Town Hall, 1 Main Street - Stafford Spring, CT 06076 - (860) 684-5609 Fax 684-1768

NOTICE OF VIOLATION

Date: **February 13, 2009** Certified Mail #

Certified Mail - Return Receipt Requested and/or Marshal Service

Owner/Agent: **Daniel's Management, Inc. c/o Barbara D. Cantor**

Address: **22 Davis Ave**

Rockville **CT** **06066**

You are hereby notified of the existence of a public health law violation upon the premises owned by you,or under your charge located at: **98 East Main Street**
In the town of: **Vernon** and described as follows:

The sewer line from 98 East Main Street was severed in a partial building collapse that occurred in November of 2008, allowing sewage to discharge into surface water in the pond below.

Law Violations:
Connecticut Public Health Code Sections 19-13-B1(d), 19-13-B2, 19-13-B103c(a) & (b) & (f)

Authority: **Connecticut General Statutes Sections 19a-206, 19a-207**
Penalty: **Connecticut General Statutes Sections 19a-36, 19a-206, 19a-230**
Appeal: **Connecticut General Statutes Sections 19a-229 (formerly Section 19-103) (See reverse side.)**

By the authority of the North Central District Department of Health, you are hereby ordered to take the following steps to remedy this situation:

Immediately stop using the water in this building and bring in a portable toilet facility to use temporarily until the situation is remedied. Consult with the Town of Vernon, Water Pollution Control Department in regards to the proper repair or replacement of this pipe.

It is hereby ordered that the said violation be removed, abated or otherwise corrected:

Immediately stop using the water within 98 East Main St. and within 7 days of receipt of this order enact repairs to fix/ replace the damage sewer pipe.

Cc: David Ignatowitz, Director, Vernon Water Pollution Control
B. Peter Hobbs, Vernon Building Official
Craig Perry, Vernon Inland-Wetlands Enforcement Officer
Terry McCarthy, Town Engineer

William H. Blitz, M.P.H.
Director of Health for
North Central District Health Department

Duly served this _____ day of _____, 20_____ at _____ am/pm

True copy received by: _____

Served by : _____ Title: _____

TOWN OF VERNON

14 PARK PLACE, VERNON, CT 06066
Tel: (860) 870-3664
Fax: (860) 870-3683

OFFICE OF THE
TOWN ENGINEER

EXECUTIVE SESSION

January 20, 2009

RE: 98 East Main St. / Storage Facility Collapse

Dear Town Council,

The Town of Vernon has been informed of an existing storage building located at the above address, adjacent to the Hockanum River and upstream from the Ano-Coil Dam. This building has partially collapsed and fallen into a pond area, along with its contents (mostly building materials such as wood, metal piping and a generator, also). The building was built on top of an existing stone wall that extends approximately 15-20 feet above the normal river height. The stone wall beneath the building has collapsed, along with a large portion of the soil beneath it.

The Town of Vernon Administration has asked the Engineering Department to contact a few contractors who have done work in Vernon and are qualified to do this sort of work, in case immediate action needs to be taken due to the lack of progress between the owner and their insurance company. We have heard that the collapse may have occurred around Nov. 2008. We asked the contractors to give us an estimate of what we believe would be the minimal work required to address safety issues and removal of materials that may further impact the watercourse or nearby dam.

Therefore, we asked for:

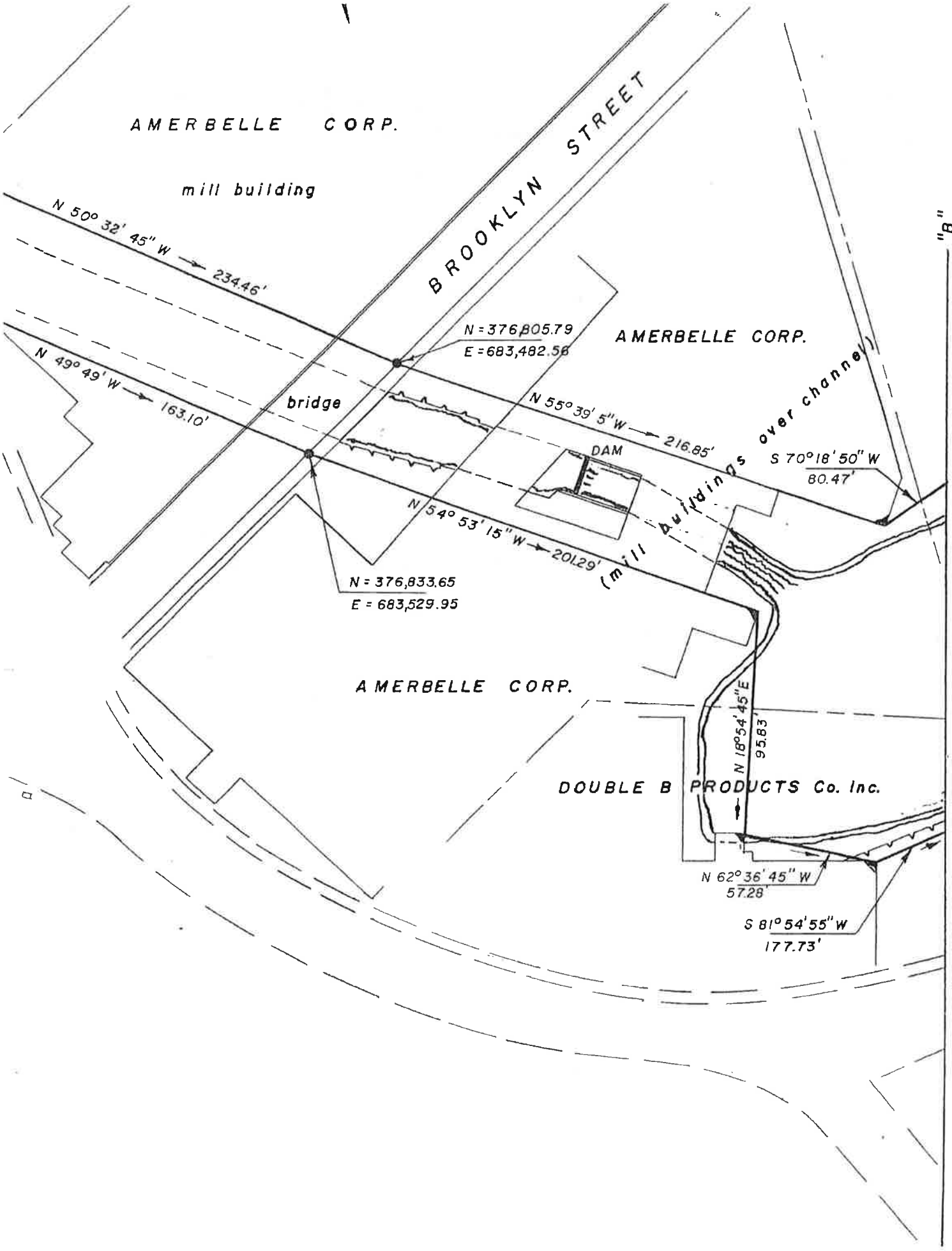
- the building to be cut at the angle point to the loading dock
- remove the storage building from the site
- remove the debris from the pond and
- remove the stone and broken concrete from the pond area and place along exposed banking

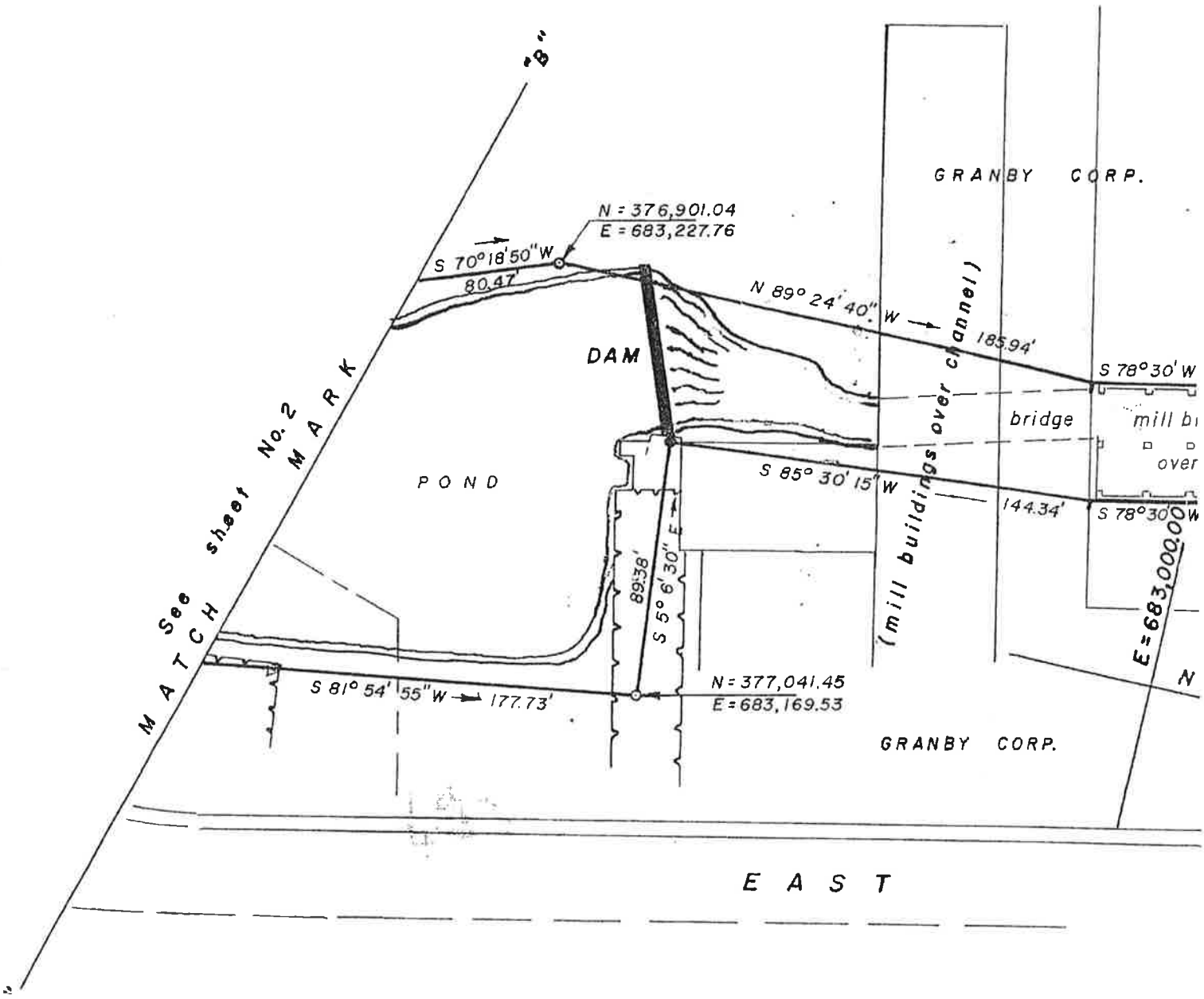
We have contacted the following contractors and received the following estimate information;

• D & L Excavation	$9,500.
• Simscroft Echo Farms	$12,987.
• Dufford Construction	$16,500.
• VMS Construction	$33,000.
• Gerber Construction	never received
• John Olender Corp.	not interested

For your reference;

- The DEP were notified immediately and they have assisted with instruction and they are concerned about Dam safety


AMERBELLE CORP.
mill building
BROOKLYN STREET
N 50° 32' 45" W → 234.46'
N = 376,805.79
E = 683,482.58
AMERBELLE CORP.
N 49° 49' W → 163.10'
bridge
N 55° 39' 5" W → 216.85'
DAM
S 70° 18' 50" W
80.47'
over channel
N 54° 53' 15" W → 201.29'
(mill Buildings
N = 376,833.65
E = 683,529.95
AMERBELLE CORP.
N 18° 54' 45" E
95.83'
DOUBLE B PRODUCTS Co. Inc.
N 62° 36' 45" W
57.28'
S 81° 54' 55" W
177.73'
"B"
MATCH MARK


"B"
See sheet No. 2 MATCH MARK
GRANBY CORP.
N = 376,901.04
E = 683,227.76
S 70° 18' 50" W
80.47'
N 89° 24' 40" W
185.94'
DAM
S 78° 30' W
bridge
mill bi
over
POND
S 85° 30' 15" W
144.34'
S 78° 30' 00" W
(mill buildings over channel)
89.38'
S 5° 6' 30" E
E = 683,000.00
N
S 81° 54' 55" W
177.73'
N = 377,041.45
E = 683,169.53
GRANBY CORP.
EAST

TOWN OF VERNON

14 PARK PLACE, VERNON, CT 06066
Tel: (860) 870-3638
Fax: (860) 870-3683

OFFICE OF THE
TOWN ENGINEER

Daniels Management Inc.
Agent: Barbara D Cantor
98 East Main St.
Vernon, Ct. 06066-0451

Storage Facility Collapse
Deed Book #372, Page #289

CEASE AND CORRECT ORDER

January 09, 2009

Dear Barbara D Cantor,

It was brought to my attention that a storage facility located on your property has partially fallen into the Hockanum River. The material that has entered this watercourse is in violation of the Vernon Inland Wetlands and Watercourses Regulations, and in accordance with section 5.2, you are hereby ordered to cease and correct any further activity upon your property. You are also hereby requested to attend the January 27, 2009 Inland Wetlands Commission meeting at the Town Hall, Third Floor, 26 Park Place, Vernon, at 7:30pm, at which time a "Show Cause" hearing will be held providing you the opportunity to be heard and show cause why the order should not remain in effect.

Please be aware that the CT. Department of Environmental Protection and the applicable departments of the Town of Vernon have also been notified.

If you have any questions concerning this matter, please feel free to contact me at the Town of Vernon Engineering Department 860-870-3664.

Sincerely,

Craig W. Perry
Inland Wetland Enforcement Officer

c.c. Steve Peterson - Inland Wetland Commission
Terry McCarthy – Town Engineer

John Ward	- Town Administrator
George Fetco	– Director of Public Works
Peter Hobbs	– Building Official
Len Tundermann	- Town Planner
James Kenny	- Police Chief
Ray Walker	- Fire Marshall
Marla Butts	- DEP Enforcement

TOWN OF VERNON

55 WEST MAIN STREET, VERNON, CT 06066
Tel: (860) 870-3633
Fax: (860) 870-3589

OFFICE OF THE
BUILDING DEPARTMENT

January 22, 2009

NOTICE OF UNSAFE STRUCTURE

Via Certified Mail/Return Receipt Requested
Article No.7002 0460 0001 9649 7825

Daniels Management Inc.
Agent: Barbara D. Cantor
98 East Main Street
Vernon, CT 06066

Re: 98 East Main Street, Vernon, CT 06066
Owner: Daniels Management Inc.
Deed Book: 372
Page: 289

Dear Mrs. Cantor:

On or about January 8, 2009 acting under the authority of Section 29-252-1d of the Connecticut General Statues (CGS) and Chapter 1 of the 2005 Connecticut State Building Code, the Vernon Building Official had caused an inspection to be conducted at the above-referenced property. According to records filed in the Town Hall, this property is owned by the above-referenced party or person. The inspection revealed the following violation(s) of the State Building Code.

Section: 115 UNSAFE STRUCTURES AND EQUIPMENT

A section of the above-referenced building, used for storage, has partially collapsed and fallen into the Hockanum River. What remains of the referenced storage area has no rear foundation, floor slab or supporting soil leaving what remains of the structure unsupported and unsafe. Efforts by this office to have you remove this unsafe structure have been unsuccessful.

You are hereby ordered to demolish what remains of the referenced structure. You must comply within 48 (forty eight) hours of receipt of this notice. This is the final notice you will receive from this office regarding this matter.

Section 115.3 of the Connecticut State Building Code requires you to declare immediately to the Building Official acceptance or rejection of the terms of this order.

Should you fail to comply with this order, the Building Official may exercise the authority given him by Section: 116.4 of the State Building Code by employing the necessary labor and materials to perform the required work as expeditiously as possible.

Be advised that the Connecticut State Building Code section 113.4 states that "Any person who violates any provision of this code shall be fined not less than two hundred nor more than one thousand dollars or imprisoned not more than six months or both, pursuant to section 29-254a of Connecticut General Statues.

Failure to comply with the above order shall cause this Department to seek legal recourse for compliance.

Pursuant to Section 112 (Amd.) of the State Building Code, if you are aggrieved by this order, you have the right to appeal, in writing, as provided by CGS Section 29- 266.

If you have any questions regarding this matter, I can be reached during normal business hours as shown on the enclosed business card.

Sincerely,

B. Peter Hobbs

B. Peter Hobbs
Vernon Building Official

BPH
Enclosures

cc: Hal Cummings, Town Attorney
Susan Boyan, Assistant Town Attorney
John Ward, Town Administrator
Jason McCoy, Mayor of Vernon

six months or both, pursuant to section 29-254a of the Connecticut General Statutes.

SECTION 114
STOP WORK ORDER

114.1 Authority. Whenever the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the building official is authorized to issue a stop work order.

114.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

114.3 Unlawful continuance. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe conditions, shall be liable for penalties in accordance with Section 113.4.

SECTION 115
UNSAFE STRUCTURES AND EQUIPMENT

115.1 Conditions. Structures or existing equipment that are or hereafter become unsafe, insanitary or deficient because of inadequate means of egress facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the building official deems necessary and as provided for in this section. A vacant structure that is not secured against entry shall be deemed unsafe.

115.2 Record. The building official shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.

115.3 Notice. If an unsafe condition is found, the building official shall serve on the owner, agent or person in control of the structure, a written notice that describes the condition deemed unsafe and specifies the required repairs or improvements to be made to abate the unsafe condition, or that requires the unsafe structure to be demolished within a stipulated time. Such notice shall require the person thus notified to declare immediately to the building official acceptance or rejection of the terms of the order.

115.4 Method of service. Such notice shall be deemed properly served if a copy thereof is (a) delivered to the owner personally; (b) sent by certified or registered mail addressed to the owner at the last known address with the return receipt requested; or (c) delivered in any other manner as prescribed by local law. If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's agent or upon the person responsible for the structure shall constitute service of notice upon the owner.

115.5 Restoration. The structure or equipment determined to be unsafe by the building official is permitted to be restored to a safe condition. To the extent that repairs, alterations or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions or change of occupancy shall comply with the requirements of Section 105.2.2 and Chapter 34.

115.6 Unsafe equipment. Equipment deemed unsafe by the building official or his authorized representative shall not be operated after the date stated in the notice unless the required repairs or changes have been made and the equipment has been approved, or unless an extension of time has been secured from the building official or his authorized representative in writing.

115.6.1 Authority to seal equipment. In the case of emergency, the building official or his authorized representative shall have the authority to seal out of service immediately any unsafe device or equipment regulated by this code.

115.6.2 Unlawful to remove seal. Any device or equipment sealed out of service by the building official or his authorized representative shall be plainly identified as out of service by such official and shall indicate the reason for such sealing. The identification shall not be tampered with, defaced or removed except by the building official or his authorized representative.

115.7 Penalty. Pursuant to the provisions of section 29-394 of the Connecticut General Statutes, any person who, by himself or his agent, fails to comply with the written order of a building inspector, or the mayor of a city, the warden of a borough or the first selectman of a town not having a building inspector, for the provision of additional exit facilities in a building, the repair or alteration of a building or the removal of a building or any portion thereof, shall be fined not more than five hundred dollars or imprisoned not more than six months.

SECTION 116
EMERGENCY MEASURES

116.1 Imminent danger. When, in the opinion of the building official, there is imminent danger of failure or collapse of a building or structure or any part thereof which endangers human life, or when any building or structure or part thereof has fallen and human life is endangered by the occupation of the building or structure, the building official is hereby authorized and empowered to order and require the occupants to vacate the same forthwith. The building official shall post, or cause to be posted at each entrance to such building or structure a notice reading as follows: "This structure is unsafe and its occupancy has been prohibited by the building official." It shall be unlawful for any person to enter such premises except upon permission granted by the building official for the purposes of making the required repairs or of demolishing the premises.

116.2 Temporary safeguards. When, in the opinion of the building official, there is imminent danger to human life due to an unsafe condition, the building official shall cause the necessary work to be done to render such building or structure tem-

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Re: 98 East Main St.

Postage	$ .42
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 5.32

Postmark Here: 1/22/09

7002 0460 0001 9649 7825

Sent To: Daniels Management / Barbara Cantor
Street, Apt. No.; or PO Box No.: 98 East Main St
City, State, ZIP+4: Vernon CT 06066

PS Form 3800, January 2001 — See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Daniels Management Inc.
Agent: Barbara D. Cantor
98 East Main St.
Vernon, CT 06066

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Barbara D. Cantor ☒ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery: 1/23/09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7002 0460 0001 9649 7825

PS Form 3811, August 2001 — Domestic Return Receipt — 102595-02-M-0835

Pete

TOWN OF VERNON

OFFICE OF THE
TOWN ENGINEER

14 PARK PLACE, VERNON, CT 06066
Tel: (860) 870-3664
Fax: (860) 870-3683
E-Mail: cperry@vernon-ct.gov

Scope of Work

February 12, 2009

RE: 98 East Main St. / Storage Facility Collapse

Dear Contractors,

As a follow-up to our site meeting this morning, and to clarify what immediate work the Town of Vernon is looking to have done, I have compiled the following "scope of work" and summarized this morning's event.
First of all, for your information, at the same time we are requesting estimates for your services, the building owner (Sol Cantor 875-0765) is also working with his contractor and insurance co., to obtain an estimate. If the owner does not complete this work in a timely manner, the Town of Vernon Administration is preparing itself to take immediate action, if necessary.
The meeting this morning was scheduled to give you (the contractors) an opportunity to view the fallen debris within the pond, with the water level lowered (by Ano-Coil Corp. 871-1200), in order to have a better understanding of what work is required and give you the opportunity to submit a more accurate estimate. Some newly discovered issues that were discovered this morning and confirmed by the owner are;

- A 1000 gal. storage tank that use to be under the storage building is now in the pond – according to the owner, this tank was empty and corroding before the collapse
- The 10" cast iron sewer pipe from the Daniel's Mill, that ran below the storage building, has been severed and is still active. I will contact North Central Health District concerning this. Not to be included in your estimate.

Therefore, the following items are what the Town of Vernon feels is required to comply with CT Statue Sec. 7-146 (Clearing of Waterways) and to stabilize the area;

Scope of Work

- **remove all debris from the pond that has fallen in connection with this storage building**
- **remove the stone and broken concrete from the pond area and place along exposed banking**
- **remove any debris at the base of the dam that originated from this storage building**

Please note; arrangements may be made with Ano-Coil Corp. to have the water level of the pond area lowered.

We thank you for your assistance with this issue and ask if could please send your estimates to the Town of Vernon Engineering Department by Tuesday 2/17/2009 9:00am.

Sincerely,

Craig Perry
Engineering Dept.

c.c. John Ward - Town Administrator
Terry McCarthy - Town Engineer
Hal Cummings - Town Attorney
Pete Hobbs - Building Official
Marla Butts - DEP / IWRD
Gene Orlowski - N.C.H.D.
Dave Ignatowicz – Director WPCA

Fax to: VMS Const.
Dufford Const.
Gerber Const.
Kement & Son Const.

98 EAST MAIN STREET

PERMIT #8035 3/23/83

OWNER: Barbara Cantor

COST: $500.00

APPLICANT: Ellington Demolition
7 Jobs Hill Road
Ellington, Ct.

Demolish paint mixing tower-south side
of 98 E. Main St. 14'x14', 3 stories.

SUBCONTRACTOR PERMIT
Paul H. Walencewicz
17 Monticello St. Willimantic, Ct.
COST: $7,000.00 12/15/83 PERMIT #8799

PERMIT #10793 1/23/86
Sol Cantor Electric
P.O. Box 836, Rockville
COST: $2,000.00
install 400 A service to replace exist. 800 A Service.

3/4/86 service inspec. checked (PD)
4/11/86 service inspec. checked (PD)

Town of Vernon, Conn.

BUILDING PERMIT **No 8035**

ESTIMATED COST

Structual	$ 500.00
Plumbing	
Heating	
Wiring	
FINAL COST:	$

Zoning Permit No. .....

Septic Tank No. .....

FEE $ 5.00 ..... March 23, 1983

Demolish paint mixing tower- south side

APPLICANT'S PERMIT

Permission is hereby granted to Ellington Demolition

~~To~~ of 98 East Main St. 14x14 3 stories.

on the ..... **side of No.** 98 East Main Street. **Owner:** Barbara Cantor

Class	Size		
Type			
Foundations	Porch	X	
Ext. Walls			
Roof			
Roofing			
Interior	Ceiling Height		
No. of Rooms	1st Floor	2nd Floor	
Floors			
Flooring			
Joists			

	Air Condition
Heating	Oil Burner
	Cement
Basement	Earth
Plumbing	
Bath	Lavatory
Fire Places	
Weatherstrip	Insulation
Attach. Garage	Cement
Interior Finish	
Breezeway	X

BUILDING DEPARTMENT' TOWN OF VERNON, CONN.

~~Signature of~~ Applicant This permit expires 6 months from above date.

John F. Bulla Jr. *Building Inspe*

Permission must be obtained from the Office of the Building Inspector before building material can be placed in highway.

HEATING	NO. OF UNITS
HOT WATER GRAVITY	
HOT WATER FORCED	
HOT AIR GRAVITY	
HOT AIR FORCED 1 - DUCT	
HOT AIR FORCED 2 - DUCT	
SUSPENDED GAS BURNING UNITS	
HEATING BLOWERS	
AIR CONDITIONING	
NO. OF HORSEPOWER	
ELECTRIC	
BURNERS ATT'D OR BUILT IN	
NO. OF OIL BURNERS	
NO. OF GAS BURNERS	
PLUMBING	
NO. OF TOILETS	
NO. OF BATHTUBS	
NO. OF LAVATORIES	
NO. OF SHOWER STALLS, TILED	
NO. OF SHOWER STALLS, METAL	
NO. OF COMBINATION SINK AND TRAY	
NO. OF KITCHEN SINKS	
NO. OF URINALS	
NO. OF URINAL TROUGHS	
NO. OF INDUST. WASH SINKS	
NO. OF AUTOMATIC WASH. MACH.	
NO. OF AUTOMATIC DISH WASH.	
NO. OF DOMESTIC H. W. HEATERS	
SPRINKLERS	
WET SYSTEM / DRY SYSTEM	
NO. OF SPRINKLER HEADS.	

DEPARTMENT DECISION

APPLICATION IS HEREBY

____ Approved ____ Disapproved

Date Inspector

FEE SCHEDULE

BUILDING PERMITS

$0 - $1,000 ..... $ 5.00
For each additional
$1,000 or fraction thereof .... $ 6.00

ZONING PERMITS

$201 to $1,500 ..... $ 2.00
$1,501 to $2,500 ..... $ 5.00
$2,501 and over $10.00

ACTUAL COST 500.00 FEE 5-

ESTIMATED COST ____ FEE ____

COST DIFFERENCE ____ ADDTL. FEE ____

ZONING FEE ____

PERMIT NO. ____

THIS PERMIT EXPIRES ____

LICENSE NO. # 465

PERMIT NO. 8035

APPLICATION FOR BUILDING PERMIT

BUILDING DEPARTMENT
Town of Vernon, Connecticut
Application must be printed or typed

1. Location of Job ____
   98 (NO.) East Main St (STREET) ZONE
   Paint Mixing Tower (FLOOR) (APARTMENT NO.)
2. Owner Barbara Cantor
3. Address 22 Davis Av
   Rockville Conn
   Telephone 875-2166
4. Applicant or Builder Ellington Dandit
5. Address 7 Tobs Hill Rd
   Ellington Conn.
   Telephone 872-1222
6. Fee Covers
   ___Plumbing ___Heating ___Electrical
7. Type of Job
   ___ Alteration ___ Original Construction
   ___ Addition X Demolition
   ___ Repair
8. Type of Building
   ___Commercial ___Residential
   ___Miscellaneous

APPLICATION FOR BUILDING PERMIT

(CONTINUED FROM THE OTHER SIDE)

9. Size of building _____ (No. of stories) Height _____ Depth _____ Front _____

10. Material of footing _____ Depth below grade _____ Width _____ Thickness _____

11. Material of foundation _____ Below Grade (Depth) _____ (Thickness) _____
Above Grade (Height) _____ (Thickness) _____

12. Material of chimney _____ Foundation _____ Height _____ Width _____ Depth _____

13. No. of flues _____ Size _____ Thickness of lining _____ City Sewer _____ Septic Tank _____

14. **MASONRY CONSTRUCTION**

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
BASEMENT					
1ST STORY					
2ND STORY					

15. **WOOD CONSTRUCTION**

	JOISTS				GIRDERS			COLUMNS OR PIERS			
FLOORS	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1ST											
2ND											

16. Size of sill _____ Size of outside studs _____ Distance on centers _____

17. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____

18. Size of plate _____ Size of headers _____ Will firestops be provided? _____

19. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____

20. Species and grade of framing _____

Type and grade of sheathing _____

21. Further Details PERMIT LIST Paint mixing tower — South side of 98 East Maui St. 14 x 14 3 STORIES

DEMOLITION !!

22. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to approved plans and all local codes and regulations. Notice must be given Building Department when job is ready for inspection and when job is completed.

3-18-83
DATE

John A. Clapp
APPLICANT

Mac

HEATING	NO. OF UNITS
HOT WATER GRAVITY	
HOT WATER FORCED	
HOT AIR GRAVITY	
HOT AIR FORCED 1 - DUCT	
HOT AIR FORCED 2 - DUCT	
SUSPENDED GAS BURNING UNITS	
HEATING BLOWERS	
AIR CONDITIONING	
NO. OF HORSEPOWER	
ELECTRIC	
BURNERS ATT'D OR BUILT IN	
NO. OF OIL BURNERS	
NO. OF GAS BURNERS	
PLUMBING	
NO. OF TOILETS	
NO. OF BATHTUBS	
NO. OF LAVATORIES	
NO. OF SHOWER STALLS, TILED	
NO. OF SHOWER STALLS, METAL	
NO. OF COMBINATION SINK AND TRAY	
NO. OF KITCHEN SINKS	
NO. OF URINALS	
NO. OF URINAL TROUGHS	
NO. OF INDUST. WASH SINKS	
NO. OF AUTOMATIC WASH. MACH.	
NO. OF AUTOMATIC DISH WASH.	
NO. OF DOMESTIC H. W. HEATERS	
SPRINKLERS	
WET SYSTEM / DRY SYSTEM	
NO. OF SPRINKLER HEADS.	

DEPARTMENT DECISION

APPLICATION IS HEREBY

✓ Approved _____ Disapproved

11/17/71 — Date

L.M.M. — Inspector

FEE SCHEDULE

FEE	ESTIMATED COST
$2.00	$1 - $50
$3.00	$51 - $500
$4.00	$501 - $1000
$4.00	PER ADDITIONAL THOUSAND OR FRACTION THEREOF

BUILDING INSPECTOR MAY DEMAND AFFIDAVIT OF ACTUAL COST

ACTUAL COST _____ FEE _____

ESTIMATED COST 4000.00 FEE 16.00

zone 10.00

COST DIFFERENCE _____ ADDTL. FEE _____

PERMIT NO. 10279

THIS PERMIT EXPIRES _____

PERMIT NO. 10279

APPLICATION FOR BUILDING PERMIT

BUILDING DEPARTMENT

Town of Vernon, Connecticut

Application must be printed or typed

1. Location of Job G I (ZONE)

98 East Main St (NO. / STREET)

FLOOR _____ APARTMENT NO. _____

2. Owner B B Realty Corp.
3. Address 98 East Main St.

Telephone 875-3385

4. Applicant or Builder Appl. Inc.
5. Address 170 West Main St Rockville Conn

Telephone 875 5383

6. Fee Covers

___ Plumbing ___ Heating ___ Electrical

7. Type of Job

___ Alteration ___ Originial Construction

X Addition ___ Demolition

___ Repair

8. Type of Building

___ Commerical ___ Residential

X Miscellaneous

APPLICATION FOR BUILDING PERMIT

(CONTINUED FROM THE OTHER SIDE)

9. Size of building 16 x 70 (No. of stories) Height _____ Depth _____ Front _____

10. Material of footing _____ Depth below grade _____ Width _____ Thickness _____

11. Material of foundation _____ Below Grade (Depth) _____ (Thickness) _____
Above Grade (Height) _____ (Thickness) _____

12. Material of chimney _____ Foundation _____ Height _____ Width _____ Depth _____

13. No. of flues _____ Size _____ Thickness of lining _____ City Sewer _____ Septic Tank _____

14. **MASONRY CONSTRUCTION**

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
BASEMENT					
1ST STORY					
2ND STORY					

15. **WOOD CONSTRUCTION**

	JOISTS				GIRDERS			COLUMNS OR PIERS			
FLOORS	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1ST											
2ND											

16. Size of sill _____ Size of outside studs _____ Distance on centers _____

17. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____

18. Size of plate _____ Size of headers _____ Will firestops be provided? _____

19. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____

20. Species and grade of framing _____
Type and grade of sheathing 8" reinf. conc. & steel

21. Further Details Construct Concrete Tank Support platform adjacent to building & Elevator Shaft. to Support Tanks for Solvent presently in mill building to improve Safety Standards. Per attached Schedule.

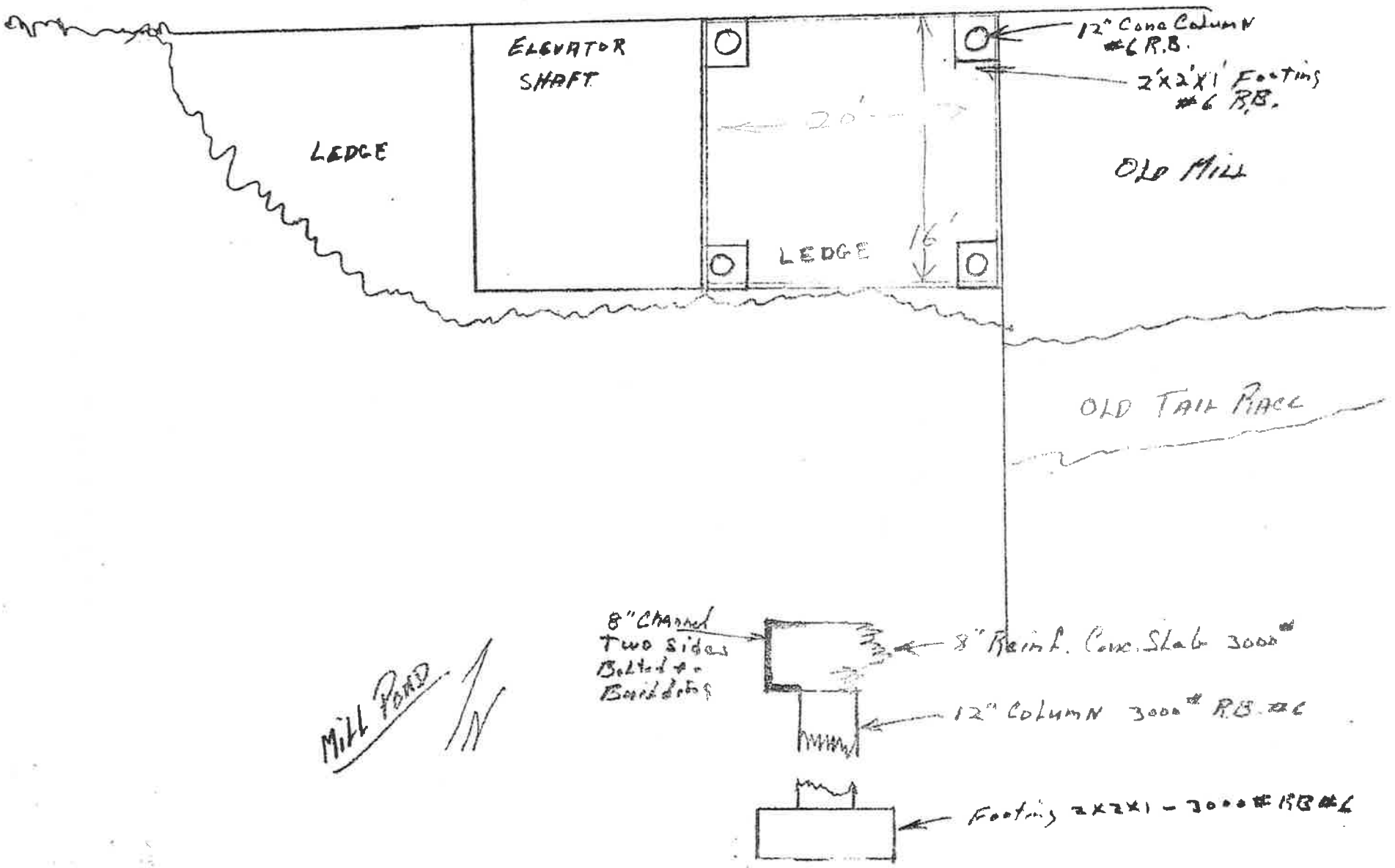
22. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to approved plans and all local codes and regulations. Notice must be given Building Department when job is ready for inspection and when job is completed.

12-12-71
DATE

Appliance Inc. F H Lindgren
APPLICANT

ALLI Manu. Co.
SOLVENT TANK
SUPPORT PLATFORM

BRICK MILL
EAST MAIN ST.



	HEATING	Units
30	HOT WATER GRAVITY	
	HOT WATER FORCED	
	STEAM	
	HIGH PRESSURE STEAM	
	NO. OF HORSEPOWER	
	HOT AIR GRAVITY	
	HOT AIR FORCED 1-DUCT	
	HOT AIR FORCED 2-DUCTS	
	SUSPENDED GAS BURNING UNITS	
	HEATING BLOWERS	
	AIR CONDITIONING	
	NO. OF HORSEPOWER	
31	**BURNERS ATT'D OR BUILT-IN**	
	NO. OF OIL BURNERS	
	NO. OF GAS BURNERS	
	AUTOMATIC STOKERS	
32	**PLUMBING**	
	NO. OF TOILETS	
	NO. OF BATHTUBS	
	NO. OF LAVATORIES	
	NO. OF SHOWER STALLS, TILED	
	NO. OF SHOWER STALLS, METAL	
	NO. OF COMBINATION SINK AND TRAY	
	NO. OF KITCHEN SINKS	
	NO. OF SERVICE SINKS	
	NO. OF URINALS	
	NO. OF URINAL TROUGHS	
	NO. OF INDUST. WASH SINKS	
	NO. OF AUTOMATIC WASH. MASH.	
	NO. OF AUTOMATIC DISH WASH.	
	NO. OF DOMESTIC H.W. HEATERS	
	CAPACITY OF H.W. HEATERS	
	NO. OF DRINKING FOUNTAINS	
33	**SPRINKLERS**	
	WET SYSTEM / DRY SYSTEM	
	NO. OF SPRINKLER HEADS	

DEPARTMENT DECISION

Application is hereby

☐ Approved ☐ Disapproved

10/31/69 Date — Ernest Palmer Inspector

FEE SCHEDULE

Fee	Estimated Cost
$2.00	$1 - 50
$3.00	51 - 500
$4.00	$501 - 1000
$4.00 Per additional thousand or fraction thereof.	

Building Inspector may demand affidavit of actual cost.

Actual Cost _____ Fee _____

Estimated Cost $ 5000.00 Fee 20.00

Additional

Cost Difference _____ Fee _____

PERMIT NO. 8682

This permit expires _____

APPLICATION FOR BUILDING PERMIT

BUILDING DEPARTMENT
Town of Vernon, Conn.

Application must be printed or typed

1. Location of Job _____ ZONE
   98 (No.) East main St (Street)
   _____ (Floor) _____ (Apartment No.)
2. Owner Allis Mfg Co
3. Address _____ (No.) _____ (Street)
   _____ (Town or City) _____ (State)
4. Applicant Appliances Inc
5. Address 170 West Main (No. / Street)
   Rockville Conn (Town or City / State)
6. Architect _____
7. Address _____ (No. / Street)
   _____ (Town or City / State)
8. Builder Appliances Inc
9. Address 170 West Main St (No. / Street)
   Rockville Conn (Town or City / State)

10. Fee covers ☐ Certificate of occ.
    ☑ Plumbing ☐ Heating ☑ Electrical
11. Type of Job ☐ Original Construction
    ☒ Alteration ☐ Addition ☐ Demolition ☒ Repair
12. Type of Building
    ☐ Commercial ☐ Residential
    ☒ Miscellaneous Industrial
    No. of families
13. Distance from street line _____
14. Distance from lot line _____
15. Size of building _____ No. of Stories
    _____ Height _____ Depth _____ Front
16. Material of footing _____
    _____ Depth below grade _____ Width _____ Thickness
17. Material of foundation _____
    Below grade _____ Depth _____ Thickness
    Above grade _____ Height _____ Thickness
18. Material of chimney _____
    Foundation _____ Height _____
    Width _____ Depth _____
19. No. of flues _____ Size _____
    Thickness of lining _____
    ☐ City Sewer ☐ Septic Tank

APPLICATION FOR BUILDING PERMIT

(Cont'd from other side)

MASONRY CONSTRUCTION

21. _____

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
Basement					
1st story					
2nd "					
3rd "					
4th "					
5th "					

WOOD CONSTRUCTION

22. _____

FLOORS	JOISTS				GIRDERS			COLUMNS OR PIERS			
	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1st											
2nd											
3rd											
4th											
5th											

23. Size of sill _____ Size of outside studs _____ Distance on centers _____

24. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____

25. Size of plate _____ Size of headers _____ Will firestops be provided? _____

26. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____

27. Species and grade of framing _____

Type and grade of sheathing _____

28. Further Details Replace Roof on Loading Dock
Replace underground tank Leaked with 4000 gal. tank. Relocate Transformers from pad to pole add 10'x48' to existing Loading dock Relocate Electric Service attachment.

29. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to approved plans and all local codes and regulations.

12-27-69
DATE

Appliance Inc.
APPLICANT

Location: 98 E Main St. Permit No. 8682

Owner Alle Mfg Co Date: 10/31/69

replace) roof, underground tank, relocate
transformers + elec. service attachment

Electrician Appliances, Inc Permit 8682

Heating Contr.

Plumbing Contr. Appliances, Inc. 8682

C. O.

SERVICE INVOICE

DUREIKO'S APPLIANCES, Inc.

COMMERCIAL & INDUSTRIAL INSTALLATIONS

Electrical - Mechanical - Pipe Fitting & Rigging

170 WEST MAIN STREET • PHONE 875-5383 • ROCKVILLE, CONN.

Nº 13543

NAME ______________________

ADDRESS ______________________

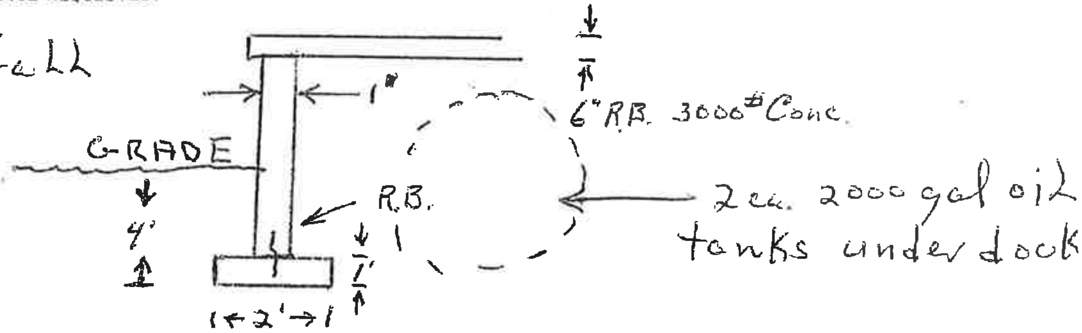
CITY & STATE ______________________

DATE / /	CHARGE JOB #
PUR. ORDER NO.	SCHEDULE DATE / /
REGULAR TIME	PREMIUM TIME
REG. PLUS PREM. TIME	LUMP SUM $
COST PLUS	COST PLUS NOT TO EXCEED $

REQUESTED BY	APPROVED BY AUTHORIZED PERSONNEL

DETAILED DESCRIPTION AND SKETCH OF SERVICE REQUESTED:

Cross Section
Loading dock wall
Ahlo Mfg. Co.



JOB: COMPLETE ☐ NOT COMPLETE ☐

INSPECTED & APPROVED BY ______________________ AUTHORIZED SIGNATURE

SERVICE RECORD

DATE	NAME	CLASS	RATE	REG. TIME	OVER TIME	CHARGES

TOTAL HOURS

TOTAL SERVICE CHARGE

MATERIAL RECORD

QTY.	DESCRIPTION	AMOUNT
	Footings 2' x 1'	
	Reinf. Bars to Wall	
	Wall 1' x Apprx. 7'6" 3000# Conc.	
	Slab - 6" Wire mesh Reinf	
	3000# Conc	

FOR ADDITIONAL MATERIAL SEE ATTACHED SHEET(S)

TOTAL

TOTAL ADDTL. MAT'L.

TOTAL MAT'L. CHG.

SALES TAX

% P. and O.H.

TOTAL SERVICE CHG.

GRAND TOTAL

STATE OF CONNECTICUT
Department of Public Safety
Division of State Police
Bureau of State Fire Marshal
and Safety Services
SP -76-C (10/87)

MANUFACTURING EMPLOYER HAZARDOUS MATERIALS SURVEY

IMPORTANT: Read instructions before completing form.

RECEIVED FEB 17 1989

(A) 1. FACILITY LOCATION
Name: Northland Industries
Street: 98 E Main St
City: Rockville State: Ct Zip: 06066
SIC Number (If known):

2. OWNER/OPERATOR
Name: Northland Industries
Mail Address: PO 864 Rockville, Ct 06066
Phone Number: (203) 872-8130

3. EMERGENCY CONTACT PERSON
Name: Donald Schoeck
Title: V Pres
Phone Number: (203) 872-8130
24 Hour/Day Phone Number: (203) 429-5910

(B) DOES THIS FACILITY USE, STORE, OR PRODUCE ANY QUANTITY OF ANY MATERIAL LISTED ON THE ATTACHED HAZARDOUS MATERIALS TABLE? (See Instructions)

If "no", sign the certification below
If "yes", complete the form using the code numbers provided.

YES ☑ NO ☐

HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.		ENTER CODES: ④ INVENTORY	ENTER CODES: ⑤ UNIT	FOR OFFICIAL USE ONLY
1. Methylene Chloride Dichloromethane Location: Room A 4th Floor	ORM-A	UN	1593	01	G	
2. Naptha Location: Room A 4th Floor	Flammable UN 2563 Liquid.	UN	2563	01	G	
3. Location						
4. Location						
5. Location						

⑥ ☐ Check here if the information is continued on the reverse side.

(D) ☑ Check here if facility site plan is attached.

(C) CERTIFICATION OF COMPANY OFFICIAL
I, hereby certify that all statements made by me are true, complete and correct to the best of my knowledge.

Signature: Jean L. Lara Date: 2/15/89 Title: Pres
Name (Print): JEAN L. LARA Phone Number: 203) 872-8130

IMPORTANT
RETURN ORIGINAL TO:
YOUR LOCAL FIRE MARSHAL OFFICE

FIRE DEPARTMENT Phone Number: ( ) 872-7333
Name: ROBERT E. KELLEY - FIRE CHIEF
Address: PO BOX 54, VERNON CT. 06066
Report Received by: _____ Date: / /

LOCAL FIRE MARSHAL OFFICE Phone Number: ( ) 872-8591
Name: DONALD MAGUDA - FIRE MARSHAL
Address: 14 PARK PLACE, VERNON, CT. 06066
Report Received by: Donald Maguda Date: 2/17/89

MANUFACTURING EMPLOYER
HAZARDOUS MATERIALS SURVEY

Facility Name _____

Location _____

_____

Please print or type

① HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.	ENTER CODES ④ INVENTORY	ENTER CODES ⑤ UNIT	FOR OFFICIAL USE ONLY
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					
Location					

If you have additional hazardous materials to list, include them on a copy of this form.

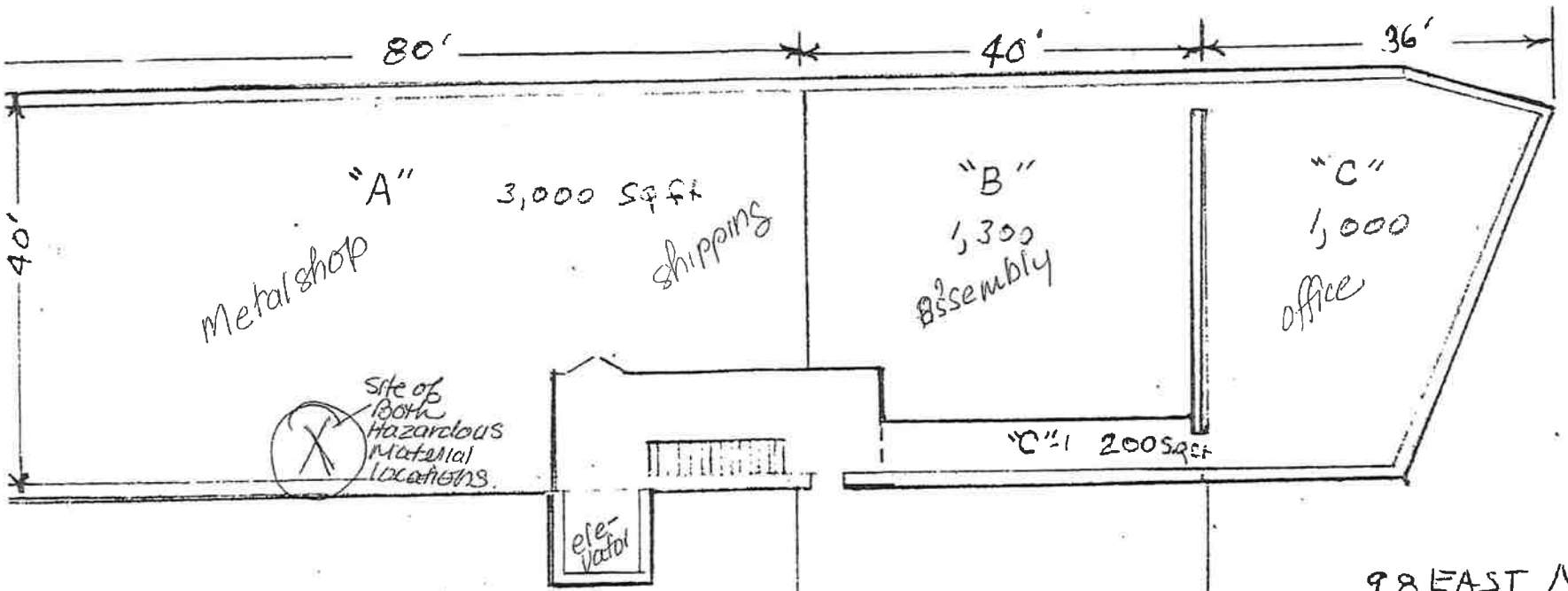
INVENTORY RANGE (Enter in Item 4)

01	less than 10	06	5,001 to 10,000
02	11 to 100	07	10,001 to 50,000
03	101 to 500	08	50,001 to 100,000
04	501 to 1,000	09	100,001 to 500,000
05	1,001 to 5,000	10	500,001 to 1 million +

UNITS OF MEASURE (Enter in Item 5)

C = Cubic Feet
P = Pounds
G = Gallons

RECEIVED FEB 1 7 1989



Northland Industries
872-8130

98 EAST MAIN
4 Th. floor

STATE OF CONNECTICUT
Department of Public Safety
Division of State Police
Bureau of State Fire Marshal
and Safety Services
SP-316-C (10/87)

MANUFACTURING EMPLOYER HAZARDOUS MATERIALS SURVEY

IMPORTANT: Read instructions before completing form.

RECEIVED JAN 13 1988

A 1. FACILITY LOCATION
Name C & C PRODUCTS INC.
Street 98 FAST MAIN ST.
City VERNON State CT Zip 06066
SIC Number (If known)

2. OWNER/OPERATOR
Name CHARLES KALBER
Mail Address 43 HUBBARD ST VERNON, CT. 06238
Phone Number (203) 643-1358

3. EMERGENCY CONTACT PERSON
Name CHRIS WALTER
Title PLANT SUPERVISOR
Phone Number (203) 875 6350 (DAY)
24 Hour/Day Phone Number (203) 429-2840 (NIGHT)

B DOES THIS FACILITY USE, STORE, OR PRODUCE ANY QUANTITY OF ANY MATERIAL LISTED ON THE ATTACHED HAZARDOUS MATERIALS TABLE? (See Instructions)

If "no", sign the certification below
If "yes", complete the form using the code numbers provided.

YES ☒ NO ☐

① HAZARDOUS MATERIALS DESCRIPTION AND LOCATION (be specific)	② HAZARD CLASS	③ ID NO.	ENTER CODES: ④ INVENTORY	⑤ UNIT	FOR OFFICIAL USE ONLY
1. LACQUER BASE Location STAINING AREA / STORAGE AREA	FLAMMABLE LIQUID	UN 1263	03	G	
2. KEROSENE Location STORAGE AREA	COMBUSTIBLE LIQUID	UN 1223	01	G	
3. ADHESIVE (CONTACT) Location STORAGE AREA	FLAMMABLE LIQUID	UN 1133	01	G	
4. Location					
5. Location					

6 ☐ Check here if the information is continued on the reverse side.

D ☒ Check here if facility site plan is attached.

C CERTIFICATION OF COMPANY OFFICIAL
I, hereby certify that all statements made by me are true, complete and correct to the best of my knowledge.

Signature [signature] Date 1/11/88 Title PRES.
Name (Print) CHARLES KALBER Phone Number (203) 643-1358

IMPORTANT
RETURN ORIGINAL TO:
YOUR LOCAL FIRE MARSHAL OFFICE

E FIRE DEPARTMENT Phone No. 875 25 43
Name TOWN OF VERNON FIRE DEPARTMENT
Address P.O. BOX 54
Report Received by Robert E Kelley Date 2/8/88

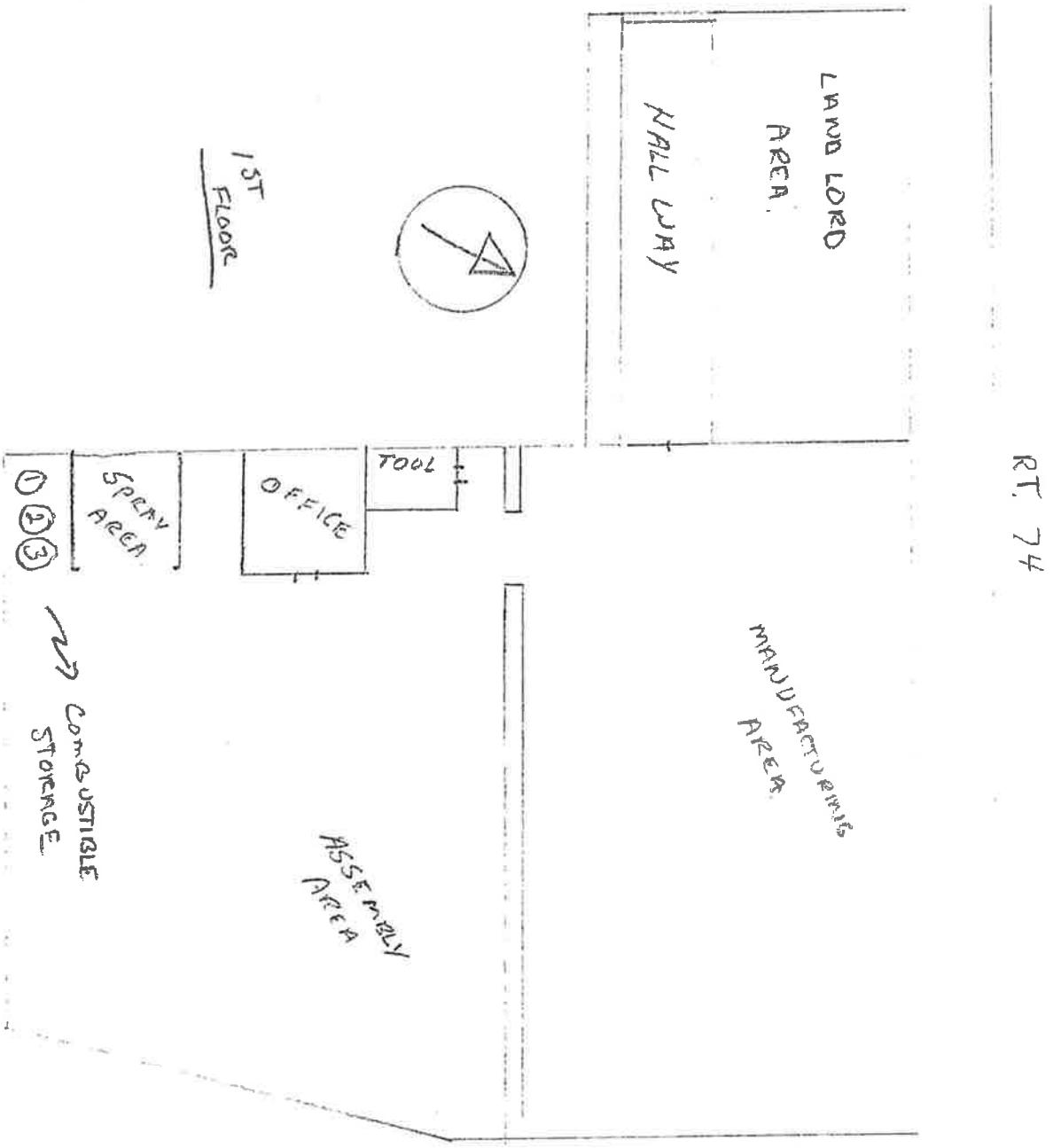
LOCAL FIRE MARSHAL OFFICE Phone No. 872-8591
Name DONALD MAGUDA
Address 14 PARK PLACE VERNON, CT. 06066
Report Received by [signature] Date 1/13/88

C&C PRODUCTS INC.

98 EAST MAIN ST. 1ST FLOOR)

VERNON, CT. 06066

DRAWN BY: CHRIS WALTER 1/11/88



MASTER LICENSE NO.

Application For Heating Permit

PERMIT # 790

DEPARTMENT OF BUILDING AND INSPECTIONS

CITY OF ROCKVILLE

APPLICATIONS MUST BE PRINTED OR TYPED. BEGIN WITH NUMBER ONE BELOW

1. LOCATION OF JOB: 98 (NO.) East Main (STREET) ____ (FLOOR) ____ (APT. NO.)

2. OWNER Alh. Mfg. Co

3. ADDRESS 98 East Main

4. APPLICANT Geo. Marchuk

5. ADDRESS ____

6. ESTIMATED COST $ 1000

7. IS THIS A CONTRACT COST? ☐ YES ☑ NO

8. FEE ENCLOSED $ 4.00

9. TYPE OF BUILDING: ☐ RESIDENTIAL ☑ COMMERCIAL

10. TYPE OF JOB: ☑ ORIGINAL INSTALLATION ☐ ALTERATION ADDITION REPAIR

DEPARTMENT DECISION

APPLICATION IS HEREBY:

☑ APPROVED ☐ DISAPPROVED

July 11, 1962 (DATE) ____ CHIEF INSPECTOR

FEE SCHEDULE

WORK OTHER THAN SIGNS:

ESTIMATED COST			FEE
$1.00	—	50.00	$2.00
51.00	—	500.00	3.00
501.00	—	1,000.00	4.00

$4.00 ~~XXX~~ per additional thousand or fraction thereof

Building Inspector may demand affadavit of actual cost.

ELECTRICAL INTERIOR SIGNS:

FLAT FEE OF $3 PER INSTALLATION

ACTUAL COST $____ FEE $____

ESTIMATED COST $____ FEE $____

FILE COMP. BY____ BALANCE $____

APPLICATION FOR HEATING PERMIT (Continued from Reverse Side)

11. LOCATION OF JOB 98 (NO.) East Main St. (STREET) (FLOOR) (APT. NO.)

12. TYPE OF INSTALLATION: ☐ OIL BURNER ☐ HEATING SYSTEM ☐ VENTILATION ☐ SPRINKLER

☐ GAS BURNER ☐ STACK ☐ INCINERATOR ☐ MISCELLANEOUS (IDENTIFY)

13. DUPLICATE PLANS BY: (NAME) (ADDRESS)

14. DESCRIPTION OF EQUIPMENT:

15. MANUFACTURER'S CATALOG DATA, RATING, ETC.,

16. DESCRIPTION OF WORK TO BE DONE: Install 3- 4,000 gal Tank

17. HEAT LOSS SCHEDULE. (TO BE INCLUDED FOR ALL JOBS):

ROOMS	L'GTH	WIDTH	H'GHT	EXPOSED WALL	GLASS	CUBIC CONTENTS	TOTAL IN CU. FT. AIR TO BE HEATED	RADIATION SQ. FEET	RADIATION STYLE

18. ELECTRICAL WORK BY: (NAME) (ADDRESS)

19. SUBCONTRACTORS AND THEIR TRADES

IMPORTANT! AFTER COMPLETING ITEMS 1-19, SIGN BELOW, AND MAKE CHECK PAYABLE TO CITY OF ROCKVILLE COVERING PROPER AMOUNT OF FEE. (SEE FEE SCHEDULE ON REVERSE.) MAIL CHECK AND APPLICATION TO DEPARTMENT OF BUILDING AND INSPECTIONS, 14 PARK PLACE, ROCKVILLE, CONNECTICUT.

ALL WORK COVERED BY THIS APPLICATION HAS BEEN AUTHORIZED BY THE OWNER OF THIS PROPERTY AND WILL BE DONE IN STRICT ACCORDANCE WITH THE BUILDING CODE.

April 11, 1962 (DATE) George Murdock (SIGNATURE OF APPLICANT)

I hereby give permission for the Albi Mfg. Co. of East Main St. to install three 1,000 gal. tanks to hold solvence. Three windows to be Rocked Tanks to be covered with sand and cement top.

TOWN OF VERNON

14 PARK PLACE, VERNON, CT 06066
Tel: (860) 870-3665
Fax: (860) 870-3580
E-mail: jward@vernon-ct.gov

OFFICE OF THE
INTERIM TOWN ADMINISTRATOR

EXECUTIVE SESSION

TO: Mayor Jason L. McCoy
Town Council Members

FROM: John D. Ward, Interim Town Administrator

DATE: January 15, 2009

RE: 98 East Main Street

At 98 E. Main Street, next to Amerbelle, there is a four-story brick building, with a sign marked Daniel's Storage. The property is owned by Daniels Management Inc, whose agent is Mrs. Barbara Cantor. Attached to the brick building is a shed, approximately 10 ft by 30 ft. It is constructed of metal sheeting over a wooden frame on a concrete floor. Administration learned last week that on or about November 20, 2008, perhaps due to a sprinkler leak, the ground under the shed began to erode. Parts of the concrete floor, the wooden slats, the metal siding, and some of the shed contents fell into the Hockanum River just above the spillway next to Anocoil pond. Some of the building materials went over the spillway. This is of a concern as this area is near the culvert where the river goes underground.

The Connecticut Department of Environmental Protection has been notified. They asked that the legislative body of Vernon pass a motion requiring the property owner to remove the debris. You, as the Town Council, have this authority under Conn. Gen. Statute 7-146. If the owner fails to do so, the Town may remove the items and assess the cost against the owner. The Town will also have a right of action against any insurance proceeds due the owners.

Administration recommends that you pass this.

PROPOSED MOTION

The Town Council, pursuant to its authority under Connecticut General Statutes, Section 7-146, hereby authorizes the Town Building Inspector, with the concurrence of either the Town Administrator or Mayor, to take such actions and contract for such services as they deem appropriate and necessary to free the Hockanum River in the area of 98 East Main Street from any debris, wreckage, or other similar material which prevents or which my tend to prevent the free discharge of the flood waters of said river. The Town Administrator with the concurrence of the Mayor is further authorized, on behalf of the Town of Vernon, to assess the cost of such removal against any person, firm or corporation responsible for the same. The Council further determines that it is in the best interest of the Town to waive the requirements of Town Charter, Chapter XII, Section 9 for sealed bids for any work contracted for, pursuant to this Resolution.

DANIELS MILL.

Machinery Inventory March 30, 1944

Appr. No.	Name	
MAINTENANCE DEPT.		
	Water Coolers & Bubblers - 1 cooler - 3 bubblers.	Amer. Elect. Service
432	100 KVA Transformer	
433	100 " "	
563	Elevator 66" x 8' 6"	Otis Elevator Co.
CARDING DEPT.		
561	40" Fearnaught Mixing Picker (with 2 small oil tanks)	Curtis & Marble
564-5	2 Belt Lacers	Davis & Furber
600-3	4 60" Card 60x60	" "
610	Grinder	" "
611	Fillet Winder, Drum & Stand	" "
612-15	4 60 x 60 Cards	" "
621	Grinder	Rushton & Carroll
624	Blower with 1 H.P. Motor	B.S. Roy & Son
629	60" Traverse Grinder Lathe	Davis & Furber
632	" " " 16" Wheel	NewEng.Mill Equip.
633	60" Universal Card Grinder	
6420	Blower-Piece Meal	J. Haight & Sons
6902	Willow Duster	
	1 Fairbanks Scale E749799	
SPINNING DEPT.		
140	Yarn Steamer	Davis & Furber
370	Spooler	J. J. Regans
650-7	8 Mules 340 spindles	Davis & Furber
662-65	4 Mules "	" "
668	Yarn Tester 100 lb. Cape.	Henry L. Scott & Co.
669	#3 Clipper Belt Lacing Mach.	Fairbanks
673	Mule 340 Spindles	Davis & Furber
674	Steam Box	American
676-8	2Spoolers30"	RookMfg.Co.
681-4	4 Spoolers 30"	RookMfg.Co.
3407	30" Spooler 40 End	Davis & Furber
3419	" " "	
4405	Horizontal Tumbling Barrell	
	2 Fairbanks scales E798727 E78795	

AMERICAN & DANIELS MILLS
April 1943

Mill No.	Description	Construction	Room Height	Floors	Departments	Square Feet	Cubic Feet
67	Main Building	Stone Frame 40 x 261	12'-0"	6	1-Wet Picking Storage	10440	125280
			12 -9		2-Carding-Storage	10440	133110
			9 -6		3-Spinning	10440	99180
			9 -6		4-Spinning	10440	99180
			8 -8		5-Carding	10440	90515
			11 -1		6-Spinning	10440	123192
						62640	670457
68	Office Building	Frame 20 x 58	7 -10	2	1-Storage	1160	9083
			11 - 4		2-Office	1160	13154
						2320	22237
69	Off Carding(Main)	Frame Brick 20 x 40	9 - 3	2	1-Storage	800	7400
		29 x 40	11 - 6		2-Carding	1160	13340
						1960	20740
70	Water Wheel	Brick Masonry 35 x 61	11 - 3	5	1-Water Wheel	2135	24019
			12 - 9		2-Storage	2135	27221
			9 - 6		3-Spinning	2135	20263
			9 - 7		4-Spinning	2135	20475
			10		5-Carding	2135	21350
						10675	113348
71	Storage Building	Stone 12 x 23	9 - 2	1	1-Storage	276	2531
77	Storehouse	Frame-Masonry 35x80	13 - 6	3	1-Rug Picker House	2800	37800
			10		2-Storage-Wool	2800	28000
			14		3-Storage-Wool	2800	39200
						8400	105000
80	Storehouse	Concrete-Brick 66x78	14 - 6	2	1-Maintenance-Storage	5148	74646
			10		2-Carding	5148	51480
						10296	126126
81	Daniels Office	Brick 20 x 30	7 - 6	2	1-Storage	600	4500
			9		2-Storage	600	5400
						1200	9900

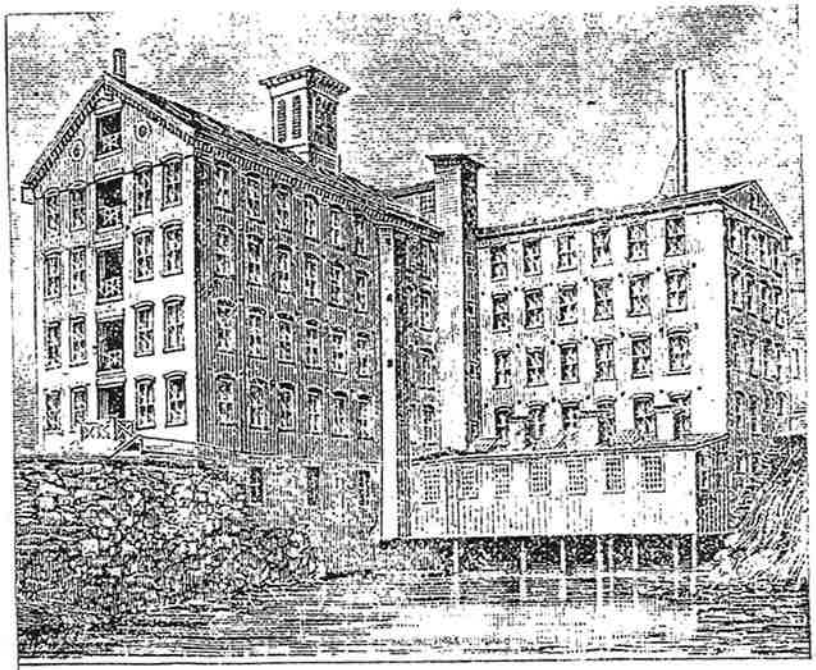
Mill No.	Description	Construction	Room Height	Floors	Departments	Square Feet	Cubic Feet
82	Daniels Main Mill	Brick 40 x 130	12' - 6"	6	B-Storage	5200	65000
			11 -10		1-Carding	5200	61516
			11 - 3		2-Carding	5200	58500
			10 - 9		3-Spinning	5200	55900
			12		4-Spinning	5200	62400
			8 - 2		Attic-Spinning	5200	42484
						31200	345800
82	Daniels East Wing	Brick 40 x 30	11 - 3	3	1-Carding Off.2nd " main bldg.	1200	13500
			10 - 6		2-Spooling	1200	12600
			10 - 6		3-Spooling	1200	12600
						3600	38700
83	Daniels South Wing	Brick 65 x 50	10 - 6	6	B-Wool	3250	34125
			12 - 1		1-Stock Bins	3250	41600
			11 - 2		2-Stock Bins	3250	36303
			10 - 9		3-Storage	3250	34938
			10 - 6		4-Spinning	3250	34125
			4 - 6		Attic-Storage	3250	14625
						19500	195716
85	Amer. Dye House	Brick 50 x 272	10	3	B-	9000	90000
	Amer.Dye House (Basement	Brick 50 x180	16		1-Dyeing,Drying,BurrPick	13600	217600
			10 - 4		2-Storage	13600	140624
						36200	448224
85 A	Amer. Dye House	Brick 50 x 20	16	1	1-Dye House Office	1000	16000
86	BoilerHouse	Brick 33 x 52	32	1	1-Boilers	1716	54912
87	Engine Bldg.	Brick 60 x 66	11 - 6	3	B-Engines-Pump	3960	45540
			14 - 6		1-Storage	3960	57420
			12 - 6		2-Carding	3960	49500
						11880	152460
General Plant	Hydrant House	7' x 7' x 7'6"					
	Fence	600 Lin. Ft. of Wire Fence					
		770 Lin. Ft. of Picket					
		165 Lin. Ft. of Double Wrought Iron Railing					
		High retaining wall - Stone 24' x 12' 230' long					
					Total -	202863	23 1

FITCH BLOCK.

THE FITCH BLOCK.

The largest and one of the most imposing of the recent architectural additions to Rockville is the Fitch Block. This fine building is a four-storied brick structure, of modern type, designed for stores on the ground floors and offices or family apartments above. It is now nearly completed, and a month hence will be fully occupied.

Mr. Samuel Fitch, the owner, is one of the leading and influential manufacturers of Rockville, generally respected for his business enterprise and public spirit.



MILLS OF THE SAMUEL FITCH & SONS COMPANY.

THE FITCH MILLS.

These mills are located just below the Belding Mills and upon the same waterfall.

The business was started in 1854.

The main building is of stone and brick. There are also several auxiliary buildings, including a commodious and handsomely fitted up office.

The machinery used is of the best improved type, and in the various departments of the business a force of 150 hands is employed. The products consist of stockinets, plushes and eider downs of the highest grade. In the eider down department, especially, the mills have won a wide celebrity, their goods in this line having a standard value in the trade, while the general output finds a prosperous market throughout the United States.

Mr. Samuel Fitch has been for upwards of thirty five years prominently identified with the business growth and prosperity of Rockville. His sons, who as they became competent and of a proper age have been admitted to a copartnership in the mills, are likewise respected for their sterling characteristics of integrity and enterprise.

1889

APPENDIX C

User Questionnaire

APEX

INTRODUCTION

In order to qualify for one of the Landowner Liability Protections ("LLPs") offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. The respondent is welcome to provide supporting documentation as attachments.

QUESTIONS

1.	**Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**		
1A Was the title reviewed for environmental cleanup liens against the property?		Yes	
		No	no

1B. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? If yes, please provide details and copies of supporting documents.

Yes	no	- not required at time of purchase
No	no	

2.	**Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**		
2A. Was the title reviewed for Activity & Use Limitations for the property?		Yes	
		No - no	

2B. Are you aware of any Activity & Use Limitations 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? If yes, please provide details and copies of supporting documents.

Yes	
No	no

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

As the user of this ESA do 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? If yes, please provide details and copies of supporting documents.

Yes	
No	

This is being done in order to offer bldg for sale

4.	**Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).** no relationship

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Bldg is for sale but

If you conclude that the value is lower than the fair market price, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? If you determined that contamination is believed to be the reason for the low purchase price, please provide details and copies of supporting documents.

Yes	
No	

I have not established what I will ask for a purchase price

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? If yes, please provide details. some		
Yes	✓	Originally built & used for manufacturing of cotton under garment. Sold to the Hockanum Mills for manufacture of woolen cloth. Then sold to Kaplan Bros - long dress. Do not know what they manufactured or produced.
No		
(b) Do you know of specific chemicals that are present or once were present at the property? If yes, please provide details.		
Yes		
No	no	
(c) Do you know of spills or other chemical releases that have taken place at the property? If yes, please provide details.		
Yes		
No	no	
(d) Do you know of any environmental cleanups that have taken place at the property? If yes, please provide details.		
Yes		
No	no	

6.	**The degree of obviousness of the presence of 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? If yes, please provide details and copies of supporting documents.

Yes	
No	No

7.	**Why is a Phase I ESA required?** Because I wish to sell bldg.

8.	**Please identify the type of property, type of property transaction (for example, sale, purchase, exchange), and use of property following transaction (for example, same as current, demolition, rehabilitation).**

9.	**Please provide a complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful). Is a site location map attached?**

Yes		98 East Main St. Vernon, CT. 06066
No		

10.	What services are required?	
Please Check All That Apply		**Comments**
ASTM 1527-00 (Former Standard)		
ASTM 1527-05 (All Appropriate Inquiry – Current)	✓	
Asbestos Containing Materials		
Lead Based Paint		
Lead in Drinking Water		
High Voltage Power Lines		
Wet Utility Audit		
Lender-Specific Scope of Work		
Please list Lender (e.g., Fannie Mae)		
Other (Please Describe)		

11.	Please list the full name and address for each party that will rely upon the Phase I ESA Report.
Daniels Management Inc. - Barbara c/o Ron Solomon 98 East Main St. Vernon, CT 06066	

12.	Please identify one or more site contacts and how each can best be reached.

13.	Please list any special terms and conditions, which must be agreed upon by the environmental professional.
None	

14.	**Please provide any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).**
NONE	

This ASTM E1527-05 Questionnaire was completed for the following property:

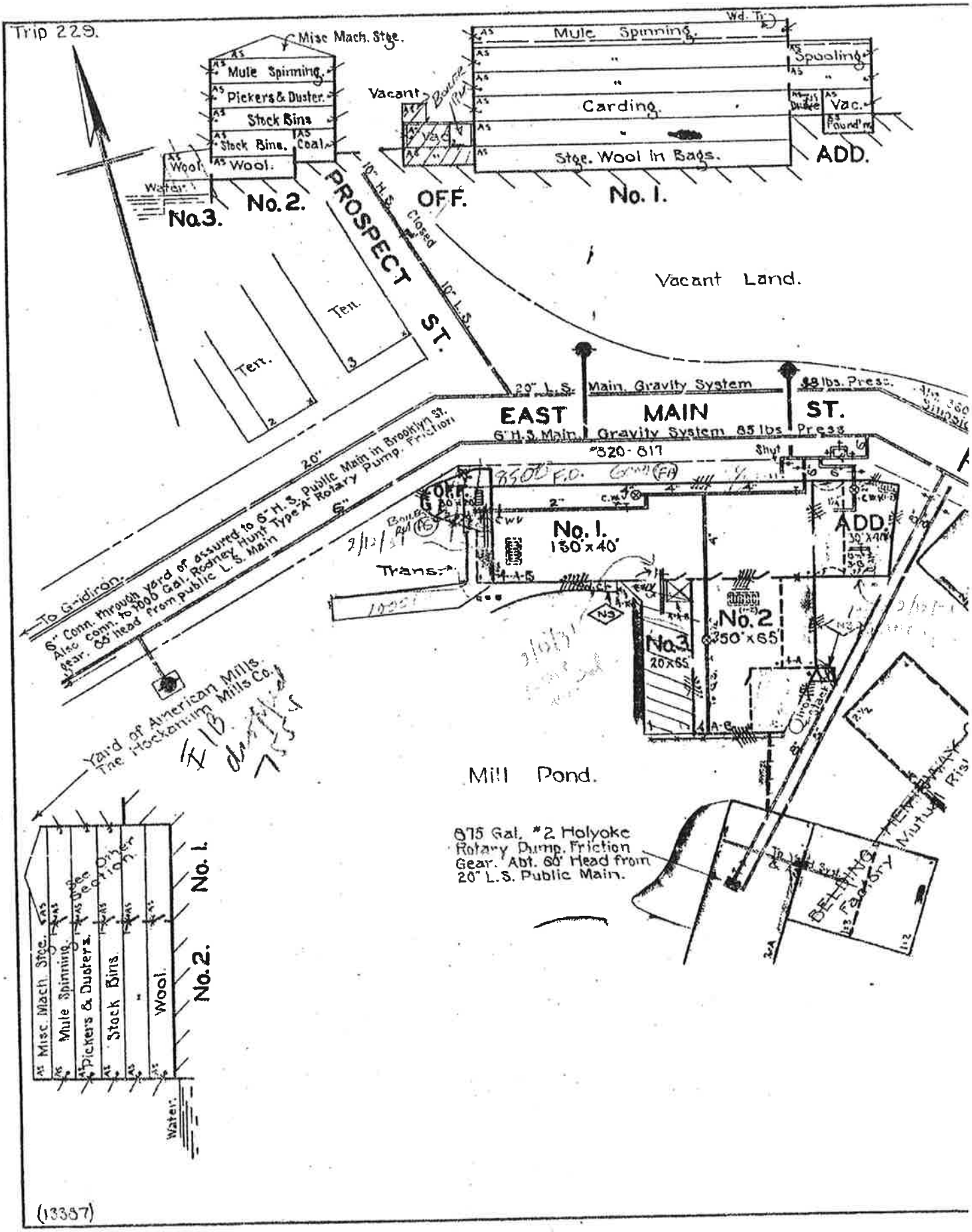
Property Name Address

City, State

This ASTM E1527-05 Questionnaire was completed by:

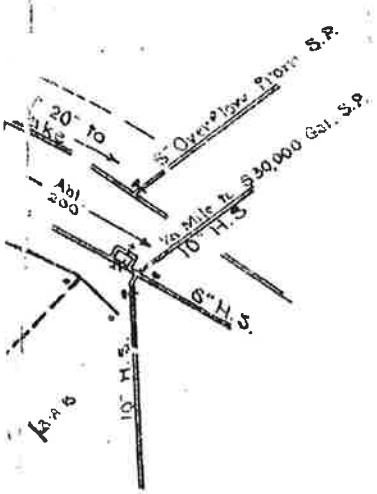
Signature Title

Company Date


Trip 229.
Misc Mach. Stge.
Mule Spinning.
Pickers & Duster.
Stock Bins
Stock Bins.
Coal.
Wool.
Wool
Water.
No.3.
No.2.
PROSPECT ST.
10" H.S.
Closed
10" L.S.
Ten.
Ten.
Vacant
Mule Spinning.
Spooling
Carding.
Vac.
Found'n
Stge. Wool in Bags.
ADD.
OFF.
No. 1.
Vacant Land.
20" L.S. Main. Gravity System
EAST MAIN ST.
6" H.S. Main. Gravity System 85 lbs Press.
#820-817
Shut
20"
6"
To Gridiron.
6" Conn. through yard of assured to 6" H.S. Public Main in Brooklyn St.
Also conn. to 1000 Gal. Rodney Hunt Type "A" Rotary Pump. Friction
gear. 60' head from public L.S. Main
Trans.
No. 1.
130'x40'
ADD.
No. 2
350'x65'
No.3
20x65
Yard of American Mills.
The Hockanum Mills Co.
Mill Pond.
875 Gal. #2 Holyoke
Rotary Pump. Friction
Gear. Abt. 60' Head from
20" L.S. Public Main.
BELDING HEMIWAY
Factory
Mutual Risk
See Other Section.
Misc. Mach. Stge.
Mule Spinning.
Pickers & Dusters.
Stock Bins.
Wool.
No. 1.
No. 2.
Water.
(13387)

2326

THE UNDERWRITERS' BUREAU
OF NEW ENGLAND.
16 OLIVER ST., BOSTON.



CONSTRUCTION:- **Roofs** are Plank on Timber except boards on joist in Office Bldg. Wood truss on No.1. Truss beams 2nd of No.2. **Floors** above ground are plank on timber except boards on joist in Office Bldg. Bays 8'; Posts wood. **Finish** open except wood lathe & plaster in Office Bldg. Floor openings fair protected.
HAZARDS:- Heat steam. **Power** electricity. **Light** electricity. **Special Hazards** Dirt, good care.
ALARM SERVICE:- Watchmans service good. Hourly rounds 6 to 6 nights. Hourly rounds Sundays & Holidays. Amer. Watchmans' Time Detector. 5 stations.
SPRINKLERS:- Cover all except 1 story brick former pump house adjacent No.2, W.C's. of No.1, wheel pit under No. 2, & small part vacant basement of Addition to No.1. **Grinnell** 1908 in No.1, and part of No. 2, 1919 in part of No.2 & No.3. Spacing 9' to 10' in 8' bays. Pipe sizes, 1-2-4 in No.1, 1-3-6 & 1-2-3 in No.2 & No.3. System installed by Grinnell Co. **Shut in winter** in drive of Addition., No.3, & Office.
WATER SUPPLIES:- Primary Supply 6" H.S. public main 85 lbs. pressure. 200' to 10" then ⅛ mile to 630,000 Gal stand pipe. Pressure top line 68 lbs. **Second Supply** 875 & 1000 Gal. rotary pumps at nearby mutual mills.
OUTSIDE PROTECTION:- Part paid fire department ⅛ mile distant to pumper. 1 pump in 10 minuts. 1 pump & 2 steamers in all.

DOUBLE "B" PRODUCTS CO. INC.

THE HOCKANUM MILLS CO.

(AMERICAN ~~DANIELS~~ MILL)
(ROCKVILLE) VERNON, CONN.

Nov. 30, 1926.
H. L. F.

Scale 1" = 50'
R. L. B.

APPENDIX E

CTDEEP Documents

Daniels Warehouse
Vernon
HAZ-enf files

BUREAU OF MATERIALS MANAGEMENT
& COMPLIANCE ASSURANCE

DATE 3/17/09 COMPLAINT # 09-016

REPORT OF COMPLAINT

Complaint Received By: Michelle Gore / Mohamed Deria
Site Name (alleged source): Daniels Warehouse
Source Address: 98 East Main Street, Vernon

Complainant: Phil Wilde (DEP-UST)
Address:
Phone Number: _____ x 3339
(Home) (Office)

STATEMENT OF COMPLAINT

Abandoned tank in Anocoil Pond, Vernon
(see attached notes)

Assigned to: M. Gore
Date Investigated 3/16/09
Referred to: N/A

Date: 3/13/09
No Need to Investigate ____ (check)
Date: ____/____/____

mlg
3/16/09

RCRA History at
98 E. Main St., Vernon, CT

SITE NAME: Daniels Warehouse
TOWN: Vernon
FILE TYPE: HAZ - WEED

Check RCRAinfo → no generator records

- Call to Dufford Construction → Scott Dufford said tank removed from pond appeared old and was well rotted, held no contents. Tank appeared to be out of use / junked.

- Fileroom search - 2 WEED - HAZ inspections @ location

Albi manufacturing on 4/8/82 - nothing left onsite, Albi (a paint manufacturer) moved from location in late 1970s. Daniels Warehousing beginning operations.

Daniels Warehouse on 2/24/86 - in response to complaint of waste disposal into river. Inspection by Doug Zimmerman & Tim Carr, found no hazardous waste disposal, generation, or storage on-site - did find non-haz. construction ~~be~~ debris disposed along river bank.

MJG

Summary by Michelle Gore
X4160
3/16/09

Phil Wilde X-3339
(PW) 3/13/09

98 East Main St., Vernon, Ct.
Kevin Barrett (DEP/Water Pollution) X-3697
Craig Perry (T. of Vernon/Wetlands) (860) 870-3638
" " M-W 1-4 PM
H 7-8 PM
F 8-1 PM

Does not appear ~~to~~ be a reported spill as of 3/11/09 AM
UST contains solvent based primer
Craig Perry 3/13 10:15 AM
Daniels Management, Inc. - owner "CONCORD"
Daniels Mill
Barbara Cantor - Agent of Service work# cell#
Solomon Cantor - Contact person 875-0765 558-0641

Four (4) story mill - used for storage
building collapsed
tank removed last Saturday 3/7
Dufford Const. removed tank, took to scrap yard
(860) 633-0209 "Chris ♂" "water looked clean"
pond lowered 10 ft. to get to ~~tank~~ by ancicil
also removed propane generator and furnace
no spill report on file w/OCSBD

tank most likely not petroleum, abandoned improperly (waste)

COMPLAINT NO. 832

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE MANAGEMENT SECTION
165 CAPITOL AVENUE, HARTFORD, CONNECTICUT 06106

File

DATE 2 / 21 / 86

REPORT OF COMPLAINT

leged Source DANIELS WAREHOUSE

Source Address EAST MAIN ST. (RTE. 74) ROCKVILLE
(Street) (Town)

Complainant GENE ORLOWSKI

dress VERNON HEALTH DEPT.
Town

hone 872-8591 Zip Code
(Home) (Office)

STATEMENT OF COMPLAINT

Above warehouse is cleaning out their basement & disposing of contaminated soil along riverbank and throwing drums into the river nearby. Many drums containing hazardous waste are stored in the building

Received by: J Fayniang

gned Referred to O+C.S. / / To Doug Zimmerman Investigation conducted 2/24/86

ION TAKEN: None Immed. Corr.

INTERDEPARTMENTAL MESSAGE
STO-201 REV. 4/85
(Stock No. 6938-051-01)

STATE OF CONNECTICUT

Obtain "STATE EMPLOYEE SUGGESTION" forms from, and send your ideas to: Employee's Suggestion Awards Program, 165 Capitol Avenue Hartford, Ct, 06106.

To	NAME, TITLE: Tom Stark Senior Environmental Analyst	DATE: 2/28/86
	AGENCY, ADDRESS: DEP Hazardous Waste 122 Washington ST. Htfd. CT.	
From	NAME, TITLE: Doug Zimmerman Field Inspector	TELEPHONE: 566-8844
	AGENCY, ADDRESS: "	

Subject: Investigation of complaint # 832

on 2/24/86 At ≈ 1:40 PM, Inspector Tim CARR and I arrived at 98 E. Main ST. Vernon CT. in order to investigate complaint # 832. We were Assisted with our investigation by Eugene Orlowski Sr. (Environmental Health officer for the Town of Vernon). We have determined the following.—

The site in question is the old Albee paint MFG building. Currently, A company named Daniel's warehousing and another company named Sol Canter electric reside there. We met with the owner Sol Canter and asked various questions concerning the complaint statement. He denied having any Knowledge of any Aspect concerning this issue.

However, our subsequent physical inspection of the building revealed A quite different story. We entered upon A room (see map.) and found An Air compressor Jack hammer Stuck in a half-destroyed ≈30'x 30'x 8" thick concrete Slab. It was At this point that Sol Canter confessed about lying to us. He said he was tearing

INTERDEPARTMENTAL MESSAGE
CO-201 REV. 4/85
Stock No. 6938-051-01)

STATE OF CONNECTICUT

Obtain "STATE EMPLOYEE SUGGESTION" forms from, and send your ideas to: Employee's Suggestion Awards Program, 165 Capitol Avenue Hartford, Ct, 06106.

To	NAME, TITLE Tom Stark AGENCY, ADDRESS	DATE 2/28/86
From	NAME, TITLE Doug Zimmerman AGENCY, ADDRESS Complaint # 832 cont.	TELEPHONE

Subject:

up the floor and throwing the demolition waste out the window. He also indicated that no drums at all were ever discarded out the window. This concrete slab is elevated above part of the floor and apparently was used as a base to house paint milling machinery for the Albee paint company. By a visual look at the disposed demolition debris, we felt that this was not of a Hazardous waste environmental matter and so no sample was procured. Mr. Orlowski plans to look into remedial action through local channels to perhaps rectify the existing situation.

Finally, the complaint statement indicated that there were many drums of Hazardous waste stored in this building. From the evidence we collected, this could not be substantiated.

Industrial Process Waste Mailer Questionnaire SIC 3471

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT

(M)

COMP. NO.

NAME

ALBI MANUFACTURING CORP

LOCATION

98 EAST MAIN ST

ROCKVILLE, CONN 06066

PERSON(S) RESPONDING (INCLUDE TITLE) D. P. THALER
GENERAL MANAGER

PRODUCT(S), PROCESS(ES)

FIRE RETARDANT PAINT
FIREPROOFING SYSTEMS

OPERATION TIMES

HRS/DAY 8 DAYS/WK 5 WKS/YR 52

NUMBER OF EMPLOYEES

TOTAL 55 PRODUCTION 20

OPERATING AT WHAT % OF CAPACITY?

60

AREA OF SERVICE

NATIONAL

WASTES FROM:	DESCRIPTION	VOLUME	REC	LFS	LFM	LFP	Inc	LAG	SOL	OTHER	HAULER (if applicable.
PHYSICAL OPERATIONS PERFORMED ON PRODUCT (ex. Machine, Grind, Tumble, Mill, Turn, Drill, Thread, Deburr, etc.)	GRINDING, MILLING ETC. PAINT PRODUCTION	55 gal/mo.									SOLVENT RECOVERY CO.
HEAT TREATING (ex. Tempering, Brazing, Anneal, etc.)	NONE										
CLEANING OF PRODUCT PIECES Surface Preparations (ex. Degreasing, Descaling, Polishing etc.)	NONE										
PLATING (ex. Electroplating, Dip Anodize, Galvanized, Chromate, Phosphate, Neutralize, etc.)	NONE										
FINISHES (ex. Paint (spray), Coat, Print, Oil, etc.)	OFF SPEC. LATEX PAINT ETC.	55 gal/mo.									SOLVENT RECOVERY CO.
PLANT MAINTENANCE	NORMAL GARBAGE SWEEPINGS. PAPER ETC.	20 cu.ft PER WK				✓					DECARLI BROS. SANITATION

STATE OF CONNECTICUT — Form P-

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OWNER: STANCHEM, BERLIN, CT.

Name of company	Town VERNON — Location on Map 021
ALBI Mfg Co.	Village Rockville
Mailing Address BOX 500, ELLINGTON	Rec. Stream HOCKANUM River Watershed CONN.
LOCATION: 88 E. MAIN STREET	Contact HENRY KRUPA - PLANT MANAGER 875-3386
Rockville, CT.	Type of Problem — Serious — Routine — Minor — Non
Date Established 1951	No. of Emp. 25 — 12 — 13 — 1
Date of Last Ex. —	Report by ASCHENBACH — Date 5/3/77

Products FIRE RETARDANT PAINTS AND MASTIC (COATING)

Processes
A GRINDING OF POWDERS AND SOLVENTS TO PRODUCE PAINT
B MIXING (Reactor Room), RINSE WITH HCl
C MIXING (BALL Mill Room), RINSE WITH HCl
D DRYING
E. PACKAGING, CANS

Origin of Wastes A, B, C, D

Wastes Contain
A Pyro-phosphate, VARIOUS solvents to produce paint pigments
B HCl, small amounts of "A", non-contact cooling water
C HCl, small amounts of "A", non-contact cooling water
D Resin sludge composed of HCl and "A"

Comments Not Covered by Above Data

1. pH of about 2.5 → 3.0, no pretreatment, direct discharge to HOCKANUM composed of HCl RINSE and pyro-phosphate powders and various solvents
2. Spent solvents → hauled by Solvent Recovery Service of Southington

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	Sewer	STREAM (u)	Stream and Sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	375	25 EMP X 15GPD	
Industrial Wastes	3600	Contact est. 1000 ypd → SAN. sewer 2600 → RIVER	
Clean Discharge	3600	TOTAL - MINUS SANITARY AND Cooling	
Boiler Water	10	BLOWDOWN ONCE/DAY TO RIVER	
In Product			
Unaccounted			
Total Used	7580	CONN. Water Co. 246 m ft³/month ÷ 10 X 3	

SANITARY TREATMENT - SANITARY SEWER

INDUSTRIAL TREATMENT - NONE

File Data Available:

NOTES: 1. SLUDGE Pumped in Sump - leaches to RIVER
2. Should have pretreatment before discharge to sewer

HAZARDOUS WASTE INSPECTION CHECKLIST

MOVED ?

Site:

Name: albi mfg. co.

Location: 98 E. main St.
Rockville, CT

Phone No: ( )

ID No:

Contact & Title: Mrs. Trask (CO Electric)

Mailing Address (if different from location):

Inspector(s): E Flores

Inspection Date: 4-8-82

Inspection Category:

RCRA Notifier as:

Generator:

Transporter:

TSDF:

Part A Application ___No, ___Yes

UIC:

Inventory: X

Complaint No:

Other (describe):

Ellington

CHARACTERIZATION OF SITE ACTIVITY

6-7 yrs - moved to New Britain ?

A) Date Established at Present Location: 1951 blg. now occupied by Daniel's warehouse (furniture) - empty for 4 yrs. before Daniels came here

B) No. of Employees, Shifts:

C) Type of Activity:

D) Products: fire retardant paints and mastic (coating)

E) Processes:

grinding of powders + solvents to produce paint
mixing (reactor room) - rinse with HCl
mixing (ball mill room), - rinse with HCl
drying
packaging, canning

water:
Sanitary waste
located right beside Huckanum River
(in same area as amerbelle.)

II WASTE PROFILE

Type of Waste	Amount/Frequency	On-Site. Temporary Storage/TSD	Transporter	Off-site TSD

?

III INVENTORY

A) Has this site notified EPA under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 PL 96-510 (commonly known as Superfund): ___No, ___ Yes: (Attach copy of Notification, if available)

B) Prior to the November 19, 1980 Implementation of RCRA Where; When; What type; Amount/ Frequency; How long; and by Who (Transporters, Facilities, Etc.) were wastes disposed of Off-site:

1977 P-5 = HCl, resin sludge, small amounts ground paint powder + solvents, etc ⇒ (no pretreatment) to Huckanum River

spent solvents ⇒ SRS (since at least 1970 - see P-5)

C) Is there any evidence of On-site disposal? ____No, ____Yes.

Give Approximate Location; Type; Amount/Frequency; Length of Time On-site disposal has been used, etc. (Specify any historical On-site disposal):

?

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Form P

Name of company Albi Mfg	Town Vernon Location on Map 021
Division of Cities Service	Village Rockville
Mailing Address	Rec. Stream Watershed Hockanum
98 East Main St.	Contact Mr. Ferrille Miller - Production Manager
Rockville, Conn.	Type of Problem Serious Routine Minor (Nor)
Date Established 1951	No. of Emp. 50 1-8 hr.
Date of Last Ex. —	Report by Aschenbach / Stetson Date 10-5-74

Products Fire Retardant Paint and Mastic

Processes
A Grinding of Powders and Solvents to produce paint
B Mixing in ball mill
C Packaging, Canning in 5-gallon drums
D Processing of Intermediates - Formaldehyde Resins (Mastic), Melamine Resin

Origin of Wastes See A and B above

Wastes Contain
A Solvents - recycled
B NaCl - to sewer
C Formaldehyde - Atmosphere (Evaporates)
D

Comments Not Covered by Above Data
By Products discharged to sewer

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	Sewer	Trucked away	Sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	750	50 x 15 gal/cap/day	
Industrial Wastes	1000	To Sewer	
Clean Discharge (cooling water)	14,100	To Sewer	
Boiler Water	50 (estimate)		
In Product			
Unaccounted			
Total Used	15,900	water bill	

SANITARY TREATMENT - Sewer

INDUSTRIAL TREATMENT - Sewer

File Data Available:

NOTES: ~~Recycled cooling water system~~

Quarterly

Monthly Water Bill - 1607 x 100 = 160,700 cubic feet/month

Yearly - 6,075,256 gallons/yr. - 1973

STATE OF CONNECTICUT
WATER RESOURCES COMMISSION

Form P-5

Name of company Albi Mfg.	Town [illegible]		Location on Map 021		
Division of Cities Service	Village [illegible]				
Mailing Address	Rec. Stream —		Watershed [illegible]		
18 East Main St.	Contact [illegible] maintenance				
[illegible], Conn.	Type of Problem	Serious	Routine	Minor	None
Date Established 1951	No. of Emp.	[illegible]	[illegible]	21	1-8 hr
Date of Last Ex. —	Report by [illegible]		Date 9/24/72		

Products fire retardant paint

Processes A grinding of fine powders

B mixing of liquids

C

D

Origin of Wastes cleaning

Wastes Contain A solvents

B

C

D

Comments Not Covered by Above Data the only industrial wastes are [illegible] with solvents [illegible] liquid wastes are barrelled and trucked away to be reprocessed

Water Used For	San. Wastes	Industrial Wastes	Clean Water
Discharged To	sewer	trucked away	sewer
Water Usage	Gals-per-day	How Computed	
Sanitary Sewage	450	30 x 15 gal/capita	
Industrial Wastes			
Clean Discharge	12,550	Total - all others	
Boiler Water	200	est. from [illegible] records	
In Product	200	est. from production [illegible]	
Unaccounted			
Total Used	13,400	water bill	

SANITARY TREATMENT - [illegible]

INDUSTRIAL TREATMENT - sewer (clean water only)

File Data Available:

NOTES:

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 98-03063
Staff Receiving Call: 933 SANTACROCE, JIM **Assigned To:** 902 BURTON, DON
Date Reported: 05/19/1998 **Time Reported:** 7:51
Date of Release: 05/19/1998 **Time of Release:** UNKNOWN
Town of Release: VERNON **State of Release:** CT
Location of Reported Release: 98 EAST MAIN ST.
Reported By: TOLLAND BASE **Phone:** (860) 875-2543
Representing: ROCKVILLE FIRE
Responsible Party: UNKNOWN TRUCKING CO. AT THIS TIME **Phone:**
Street Address:
Town: **State:** **Zip Code:**
Does the Responsible Party Accept Financial Responsibility? NO
Release Type: CHEMICAL
Release Substance: GLUE
Media: GROUND SURFACE
Total Quantity: 110 Gallons 0 Cubic Yards 0 Cubic Feet 2 Drums 0 Pounds
Emergency Measures: two drums leaking
Has the Release Been Terminated?: NO
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 **Total Quantity in Water:** 0
Corrective Actions Taken: CONTRACTED
Discharge Class:
Cause of Incident: UNKNOWN
Agencies Notified: LOCAL FIRE DEPARTMENT
DEP DISPATCH
LOCAL FIRE MARSHAL

Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2005-05344
Staff Receiving Call: 204 THERRIEN,ADAM Assigned To: 000 NO RESPONSE
Date Reported: 08/13/2005 Time Reported: 22:14
Date of Release: 08/13/2005 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: BROOKLYN ST POLE 11
Reported By: REX Phone: (860) 883-5310
Representing: CL&P
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: DIELECT
Release Substance: TRANSFORMER OIL
Media: GROUND SURFACE
Total Quantity: <20 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: LESS THAN 1 PPM ALL 20 GALLONS WERE SPILLED FROM THE TRANSFORMER HEAVY RAIN WASHED ALL PRODUCT AWAY UNRECOVERABLE
Has the Release Been Terminated?: YES
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: NO ACTIONS TAKEN
Discharge Class: UTILITY
Cause of Incident: TRANS/CAPAC.
Agencies Notified: DEP DISPATCH
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 98-05963
Staff Receiving Call: 917 EMANUELSON, BRIAN Assigned To: 000 NO RESPONSE
Date Reported: 09/03/1998 Time Reported: 13:44
Date of Release: 09/03/1998 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: MAIN/BROOKLYN ST.
Reported By: DISP. Phone: (860) 871-3555
Representing: CL&P
Responsible Party: SAA Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: DIELECT
Release Substance: TRANSFORMER OIL
Media: GROUND SURFACE
Total Quantity: 1 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: NON PCB
Has the Release Been Terminated?: YES
Type of Waterbody Affected: NA
Name of Waterbody Affected: NA
Total Quantity Recovered: 1 Total Quantity in Water: 0
Corrective Actions Taken: CONTAINED REMOVED
Discharge Class:
Cause of Incident: TRANS/CAPAC.
Agencies Notified: BUREAU OF WASTE MANAGEMENT - OIL AND CHEMICAL SPILL RESPONSE
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2005-07362
Staff Receiving Call: 202 LANDRY, ROBIN Assigned To: 000 NO RESPONSE
Date Reported: 10/28/2005 Time Reported: 8:18
Date of Release: 10/28/2005 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: 104 EAST MAIN STREET
Reported By: JOHN DONLIN Phone: (860) 478-6080
Representing: AMERBELLE TEXTILES
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: CHEMICAL
Release Substance: AMMONIA
Media: INSIDE BUILDING
Total Quantity: <10 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: Remenants from an old pipe was released, minor amount. Building was evacuated. Comp not requesting response or call. Will advise when FD on scene. 0835 Fd on scene requesting our response 875-2543
Has the Release Been Terminated?: YES
Type of Waterbody Affected: NONE
Name of Waterbody Affected: NONE
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: ENVIRONMENTAL SERVICES REFERRED
Discharge Class: INDUSTRIAL
Cause of Incident: CUT PIPE
Agencies Notified: LOCAL FIRE DEPARTMENT
DEP DISPATCH

Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2001-09286
Staff Receiving Call: 937 CHANDLER, JEFF Assigned To: 000 NO RESPONSE
Date Reported: 11/06/2001 Time Reported: 15:11
Date of Release: 11/06/2001 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: 104 EAST MAIN ST
Reported By: BRIAN CARRA Phone: (860) 875-3325
Representing: AMERBELLE CORP.
Responsible Party: SAA Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: CHEMICAL
Release Substance: SULFURIC ACID
Media: INSIDE BUILDING GROUND SURFACE
Total Quantity: ~4 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: SULFURIC ACID FROM A PUNCTURESD POLY DRUM, NEUTRALIZED WITH SODA. WASTE DISPOSED OF, TRANSFERRED REMAINING PRODUCT.
Has the Release Been Terminated?: YES
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: NEUTRALIZED CLEANED
Discharge Class: COMMERCIAL INDUSTRIAL
Cause of Incident: CONTAINER FAILURE
Agencies Notified: BUREAU OF WASTE MANAGEMENT - OIL AND CHEMICAL SPILL RESPONSE
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2008-07351
Staff Receiving Call: 205 COX, MICHAEL Assigned To: 000 NO RESPONSE
Date Reported: 11/20/2008 Time Reported: 8:55
Date of Release: 11/20/2008 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: EAST MAIN & PROSPECT STREET
Reported By: DISPATCH Phone: (860) 875-2543
Representing: VFD
Responsible Party: UNKNOWN Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: CHEMICAL
Release Substance: ANTIFREEZE
Media: ROADWAY
Total Quantity: ~1 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures:
Has the Release Been Terminated?: YES
Type of Waterbody Affected: NONE
Name of Waterbody Affected: N/A
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: SPEEDY-DRY
Discharge Class: PRIVATE TRANSPORTATION
Cause of Incident: MV ACCIDENT
Agencies Notified: LOCAL FIRE DEPARTMENT
DEP DISPATCH

Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 97-07005
Staff Receiving Call: 206 KINNEY, CLARENCE Assigned To: 931 COSS, BRIAN
Date Reported: 12/03/1997 Time Reported: 5:22
Date of Release: 12/03/1997 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: EAST MAIN ST & GROVE ST AT AMERBELLE CO
Reported By: VERNON FIRE Phone: (860) 875-2543
Representing: SELF
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: GAS EMISSION
Release Substance: PROPANE
Media: AIR
Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: VERNON FIRE REPORTED A MASSIVE PROPANE LEAK
Has the Release Been Terminated?: NO
Type of Waterbody Affected: N/A
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken:
Discharge Class:
Cause of Incident:
Agencies Notified: LOCAL FIRE DEPARTMENT
DEP DISPATCH

Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2000-01003
Staff Receiving Call: 935 TORRES, NEIL
Assigned To: 000 NO RESPONSE
Date Reported: 02/17/2000
Time Reported: 10:05
Date of Release: 02/17/2000
Time of Release: 8:30
Town of Release: VERNON
State of Release: CT
Location of Reported Release: 104 EAST MAIN ST.
Reported By: JOHN DONLON
Phone: (860) 875-3325
Representing: AMERBELLE CORP.
Responsible Party: AMERBELLE CORP.
Phone:
Street Address: ABOVE
Town:
State:
Zip Code:
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: CHEMICAL
Release Substance: LIQUID CAUSTIC
Media: GROUND SURFACE
Total Quantity: <2 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: 50% liquid caustic (naoh), drum punctured while unloading truck, contained and cleaned up, neutralized to 6ph
Has the Release Been Terminated?: YES
Type of Waterbody Affected: NONE
Name of Waterbody Affected:
Total Quantity Recovered: 0
Total Quantity in Water: 0
Corrective Actions Taken: NEUTRALIZED
CONTAINED
CLEANED
Discharge Class: INDUSTRIAL
Cause of Incident: CONTAINER FAILURE
Agencies Notified: DEP DISPATCH
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2001-02261
Staff Receiving Call: 935 TORRES, NEIL Assigned To: 000 NO RESPONSE
Date Reported: 04/10/2001 Time Reported: 10:12
Date of Release: 04/10/2001 Time of Release: 9:30
Town of Release: VERNON State of Release: CT
Location of Reported Release: 104 EAST MAIN ST.
Reported By: BRIAN CARRA Phone: (860) 875-3325
Representing: AMERBELLE CORP.
Responsible Party: AMERBELLE CORP. Phone:
Street Address: ABOVE
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: CHEMICAL
Release Substance: ECO-SOFT
Media: GROUND SURFACE
Total Quantity: ~5 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: 55 gal.eco-soft (non-haz fabric softener) Poly drum fell off fork truck, picked up with sorbents.
Has the Release Been Terminated?: YES
Type of Waterbody Affected: NONE
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: CLEANED CONTAINED
Discharge Class: INDUSTRIAL
Cause of Incident: CONTAINER FAILURE
Agencies Notified: DEP DISPATCH
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 97-02526
Staff Receiving Call: 922 ACETO, JOHN Assigned To: 935 TORRES, NEIL
Date Reported: 05/19/1997 Time Reported: 12:27
Date of Release: 05/19/1997 Time of Release: 12:00
Town of Release: VERNON State of Release: CT
Location of Reported Release: 104 EAST MAIN STREET
Reported By: LEO DUBREUIL Phone: (860) 875-3325
Representing: AMERBELLE CORP,
Responsible Party: SAME AS ABOVE Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: PETROLEUM
Release Substance: HYDRAULIC OIL
Media: INSIDE BUILDING
Total Quantity: 80 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: RESERVE TANK LINE RUPTURED / OIL INTO SUMP / SUMP DISCHARGES INTO RIVER
Has the Release Been Terminated?: NO
Type of Waterbody Affected: RIVER
Name of Waterbody Affected: HOCCENAUM RIVER
Total Quantity Recovered: 0 Total Quantity in Water: 80
Corrective Actions Taken: INVESTIGATED INVESTIGATED
Discharge Class: COMMERCIAL
Cause of Incident: TRANSFER LINE FAILURE
Agencies Notified: BUREAU OF WASTE MANAGEMENT - OIL AND CHEMICAL SPILL RESPONSE
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2009-04815
Staff Receiving Call: 202 LANDRY, ROBIN Assigned To: 917 EMANUELSON, BRIAN
Date Reported: 08/25/2009 Time Reported: 11:16
Date of Release: 08/25/2009 Time of Release: UNKNOWN
Town of Release: VERNON State of Release: CT
Location of Reported Release: 104 EAST MAIN STREET
Reported By: MIKE Phone: (860) 875-2543
Representing: FD
Responsible Party: AMERBELLE TEXTILES Phone: (860) 979-0070
Street Address: 104 EAST MAIN ST
Town: VERNON State: CT Zip Code: 06066-
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: CHEMICAL
Release Substance: CASTIUM CAUSTIC SODA SOLUTION 50%
Media: UNKNOWN
Total Quantity: 3 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: 2 patients with difficulty breathing. FD going to call back with any additional details. Thiurea dioxide mixed with water and spilled over.
Has the Release Been Terminated?: YES
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: ESI CONTRACTED
Discharge Class:
Cause of Incident:
Agencies Notified:
Status: CLOSED

Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 96-03740
Staff Receiving Call: 204 THERRIEN,ADAM Assigned To: 932 DECAPRIO, MARK
Date Reported: 07/19/1996 Time Reported: 21:18
Date of Release: 07/19/1996 Time of Release: 21:01
Town of Release: VERNON State of Release: CT
Location of Reported Release: BROOKLYN STREET AMERBELLE CORP.
Reported By: #5 Phone: (860) 875-2543
Representing: TOLLAND CITY DISPATCH CELL 559-2509 CHIEF ROBERT K
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility?
Release Type: CHEMICAL
Release Substance: UNKNOWN
Media: GROUND SURFACE
Total Quantity: 55 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: chemical blankets in place
Has the Release Been Terminated?:
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: CHEMICAL BLANKETS
Discharge Class: INDUSTRIAL
Cause of Incident:
Agencies Notified:
Status: CLOSED

Amerbelle Textiles
104 E. Main St
Vernon
ptp

WATER PROTECTION AND LAND REUSE
DEC 22 2009
REMEDIATION DIVISION

Limited Phase II/Limited Phase III Environmental Site Assessment

Amerbelle Textiles
104 East Main Street
Vernon, Connecticut

December 2009

FUSS & O'NEILL
Disciplines to Deliver

Fuss & O'Neill
146 Hartford Road
Manchester, Connecticut 06040

1 Introduction

1.1 Project Objective

Fuss & O'Neill was retained by the Capitol Region Council of Governments (CRCOG) on behalf of the Town of Vernon to perform a Limited Phase II/Limited Phase III Environmental Site Assessment (ESA) at the Amerbelle Textiles facility located at 104 East Main Street in Vernon, Connecticut. The investigation was completed as part of the Metro Hartford Community Wide Brownfield Assessment Program. The purpose of the investigation was to characterize potential contaminant source areas located in the shallow unconsolidated material to the extent that these areas are accessible. In addition, we evaluated the potential for the migration of contaminated groundwater onto and off of the site in the shallow bedrock aquifer.

The assessment was completed in accordance with the QAPP Addendum that was submitted to the United States Environmental Protection Agency (USEPA) in August 2008. To achieve this objective, our Limited Phase II/Limited Phase III investigation was conducted in general conformance with the Connecticut Department of Environmental Protection (CTDEP) 2007 Site Characterization Guidance Document. For this phase of the project, only a portion of the EPA-approved QAPP Addendum was implemented due to funding limitations. Implementation of the remaining parts of the QAPP Addendum may be completed in the future when sufficient funds are available.

2 Site Information and Preliminary Conceptual Model

This section provides a summary of the information used to construct the initial conceptual model for the site, which, in turn, guided the physical investigations. Information such as the site's operational history, geology, hydrogeology, and potential receptors help identify areas where releases of hazardous materials could occur and how they might impact human health and the environment.

2.1 Site Description and History

The subject site, the current Amerbelle Corporation, is located on the western side of East Main Street in an industrial zone of Vernon, Connecticut (Tolland County). A portion of a United States Geological Survey (USGS) topographic map showing the subject site location is provided as Figure 3-1. Amerbelle Corporation produces specialty textiles for various applications.

The subject site is divided into two parcels, one 2.7-acre parcel located south of Brooklyn Street and one 1.5-acre parcel located north of Brooklyn Street. The site building on the southern parcel contains Amerbelle's dyeing, mixing and finishing operations, while the building on the northern parcel is used for coating operations and as a storage area. Several aboveground storage tanks (ASTs) are located throughout the property as follows:

- Two 18,000-gallon waste oil storage tanks
- One 27,000-gallon production water supply tank
- One 500-gallon tank containing sodium hydroxide for dyeing processes
- Two 275-gallon finishing resin tanks
- Two 7,500-gallon pH neutralization tanks
- One 275-gallon tank containing sodium hydroxide for pH neutralization
- One 275-gallon tank containing sulfuric acid for pH neutralization
- One 10,000-gallon hot water storage tank.

A site plan is provided as Figure 2. The site buildings, numbered 1 through 14, are distributed over the two parcels. Buildings 12 and 14 are the only two located on the southern parcel. A summary of operations conducted in each building is provided below. This information was compiled based on Fuss & O'Neill's review of existing environmental documents and a site visit performed in July 2008.

Buildings 1 and 2

Building 1 is used for the mixing and storage of flammable, organic coatings. Raw materials are stored on the northern side of the building. Constituents noted in the storage area included formaldehyde, toluene, and isopropyl alcohol as well as brand-named compounds. The mixing area is located on the southern side. A hazardous waste storage area is located in the northwestern portion of the mixing area. The floor in Building 1 is concrete. A wood-floored basement and earth/stone sub-basement underlie this area. The main floor appears to have been reinforced with additional steel support columns that extend to bedrock in the sub-basement. We suspect that the original floor was likely wood and that the new construction was completed to accommodate the current use.

Building 2

Building 2 is a storage area with three loading docks on the southwest side. Rolls of fabric were stored in this area at the time of Fuss & O'Neill's site visit, which was made in July 2008. The floor of Building 2 is concrete with a wood-floored basement area below. The area in front of the loading docks is asphalt paved. Files held by the Fire Marshal indicate that tank trailers were used for the temporary storage of oil in 1989 (GeoDesign, 2004).

Buildings 3, 4 and 5

These buildings are used for general storage. Building 5 is located above the raceway. Buildings 3 and 4 both have basements. The basement of Building 3 is used for storage. The basement of Building 4 houses fire pumps that draw water from American Mill Pond.

Building 6

Building 6 is located adjacent to the boiler room and built around the base of the boiler stack. No manufacturing processes appear to take place in this area. A shallow floor trough (less than three inches deep) is present to provide drainage for groundwater infiltration. Boiler operations are located to the northwest and northeast of Building 6. Concrete cradles for a historical AST are located outside Building 6, adjacent to the raceway.

Building 7

Building 7 houses two solvent coater lines. The solvents are primarily methyl ethyl ketone (MEK)- and toluene-based. The solvents are stored in Building 1. Emissions from the coating lines are discharged to a gas-fired thermal oxidizer to destroy volatile compounds prior to discharge to the air. The solvent coaters operate in conjunction with air-to-air heat dryers which utilize heat from exhaust gases coming from the oxidizer. The coating lines are located above the raceway. A two-bay loading dock is located in the eastern end of Building 7.

Building 8

Water is withdrawn from the Hockanum River for use in manufacturing operations. The water is processed through a filtration system in the western portion of the Building 8 basement and pumped to a 27,000-gallon holding tank in the eastern portion. Process wastewater is discharged to the sanitary sewer. A floor drain system in the basement also discharges to the sanitary sewer. Non-contact cooling water that is withdrawn from the raceway is discharged back to the river. Several 55-gallon drums containing waste oil are stored on containment pallets. Equipment that may have been used in former mixing or wastewater treatment operations is also located in the basement. Building 8 was used as a dye house until 1927 (GeoDesign, 2004).

Building 9

This area is used for general storage. Groundwater seepage from the raceway is evident and a sump pump pumps water to the floor drain system in Building 8. Building 9 was used for dye storage from 1868 to 1927 (GeoDesign, 2004). A Hazardous Materials Survey in 1986 identified several miscellaneous chemicals as being stored on the ground of this building.

Building 10

Building 10 is not identified on available mapping.

Building 11

This area is used for the storage of equipment, drums of oil, and chemicals. The building was previously used for dye operations prior to 1927 (GeoDesign, 2004). A floor trench system currently conveys groundwater infiltration but in the past may have conveyed liquid seepage from former operations. The central collection point of the trench system is not known, but is suspected to have discharged to American Mill Pond. One loading bay is located along the northern edge of the building. An elevator shaft is present on the west wall. Dyeing operations subsequently moved to Building 14.

Building 12

This area is used as a machine shop and storage area. Operations include welding, turning, milling, grinding and electrical repair. A small parts cleaner area is located here. The 4-floor building was constructed between 1885 and 1892 (GeoDesigns, 2004). It is not known if historical manufacturing operations were conducted in this building.

Building 13

The latex coating line is located in the eastern end of Building 13. The latex coatings are stored in a storage area located just east of the coating line. The western end of the building is usually empty. At the time of the July 2008 site visit, the facility was shut down for maintenance and this area was used to temporarily store rolls of fabric.

Building 14

This building occupies most of the southern parcel and is used for textile dyeing and finishing. Two loading docks are located at the southwest end of the facility; three are located on the southeast side. A textile storage area with an elevator is located in the southern corner of the building.

Most of the dying operations occur in the western portion of the building. A dye mixing room is located in the northwest corner of the ground floor. Dyes are stored just outside the dyeing room in 55-gallon drums. The rest of the ground floor is generally open and houses dyeing and finishing machines. A floor drain trench system is located throughout the ground floor to collect oversplash and drips that occur when cleaning the equipment and removing processed material from the machines. The liquid is directed to a wastewater sump, approximately 20 feet deep, located in the southwestern end of the building. Two 7,500-gallon pH neutralization tanks are located in a loading dock west of the sump. Wastewater treatment chemicals (including sodium hydroxide, citric acid, soda ash, and sodium bicarbonate) are stored in 55-gallon drums in the vicinity of the sump. Treated wastewater is discharged to the sanitary sewer.

Most of the finishing operations occur in the southwestern portion of the building. Finishing products are applied to fabrics which are then dried. Finishing chemicals (including formaldehyde, fabric protector, and brand name chemicals) are stored in the southwestern portion of the building.

18,000-Gallon Fuel Oil ASTs

Two 18,000-gallon fuel oil ASTs are located east of Building 13 in a concrete containment structure. The structure is walled and roofed.

Two 20,000-gallon fuel oil USTs were formerly located in this area. The USTs were removed in 1989 along with an undocumented quantity of contaminated soil (GeoDesign, 2004).

Exterior Pad-Mounted Transformers

Three PCB-containing transformers and one non-PCB-containing transformer are located south of Building 7 in a fenced-in area. The PCB transformers are on a concrete pad that adjoins a concrete paved bridge over the raceway to the northeast and the concrete wall of the AST structure to the southwest.

2.2 Physiographic Setting

The topography of the subject site slopes sharply to the north and northwest with an approximately 80 foot difference in elevation across the site (USGS, 1992). The site is bounded on the east by the Paper Mill Pond. A raceway connects the pond with the Hockanum River, located south of the site across Grove Street. The Amerbelle facility is built around a raceway. Water flows from a small dam in the river through a raceway running from the southeastern corner of the site to the north into the Paper Mill Pond. Groundwater migration at the site is controlled primarily by drainage to the raceway and Paper Mill Pond and the bedrock surface.

The Hockanum River and Paper Mill Pond are classified by the State of Connecticut as C/B (CTDEP, 1993). Such inland surface waters are known or presumed to be suitable for the following designated uses: recreational use, fish and wildlife habitat, agricultural and industrial supply, and other legitimate uses (CTDEP, 2002).

2.3 Site Geology and Hydrogeology

Site Geology

Surficial material at the subject site is mapped as till (Stone, 1992). Test hole logs for borings advanced in the vicinity of the site by the Connecticut Department of Transportation in association with the CTDEP Water Resources Bulletin in 1960 indicate that the soil near the site is sand with some silt and clay up to a depth of 9 feet. To the east of the site unconsolidated material consists of varved clay to a depth of 36 feet. Based on observations made during Limited Phase II/Limited Phase III field investigations, fill comprised of sand and silt with trace amounts of asphalt and concrete fragments is present across the surface of the site. The thickness of the fill ranges between 1 foot and 1.5 feet. Native soil was encountered at a depth of 1 to 1.5 feet below the ground surface and consists primarily of compact fine-sand and silt and clay.

Bedrock beneath the subject site is mapped as Glastonbury Gneiss, a well-foliated, grey to silver gneiss (Rodgers, 1985). Suspected bedrock was encountered during drilling at various depths, as summarized in the table below.

Location	Refusal Depth (feet)
MW-01	14
MW-02	19
MW-03	24
SB-101	4.0
SB-102	2.0
SB-103	2.0
SB-116	6.2

Since portions of the Amerbelle facility foundation was constructed in bedrock and the Paper Mill Pond raceway flows through the central portion of the building, the shallow refusals were likely on bedrock. A bedrock outcrop is visible in the northwestern portion of the site.

Site Groundwater

The quality of groundwater beneath the subject site is classified by the Connecticut Department of Environmental Protection as GB (CTDEP, 1993). Groundwater classified as GB is defined by CTDEP as groundwater within a historically highly-urbanized area or an area of intense industrial activity and where public water-supply service is available. Class GB groundwater may be not be suitable for human consumption without treatment due to waste discharges, spills, or leaks of chemicals or land use impacts. The designated uses for Class GB groundwater are as industrial process water and cooling waters and as baseflow for hydraulically-connected surface water bodies. Class GB groundwater are presumed not suitable for human consumption without treatment (CTDEP, 1996).

Limited Phase II/Limited Phase III investigations indicate the depth to groundwater at the site ranges from 5.3 feet bgs to 19 feet bgs. Groundwater flow at the site is generally toward the northwest and is primarily influenced by the adjacent Hockanum River, Paper Mill Pond and underlying raceway. Seepage from the raceway and drainage features around the building and parking lots are likely affecting the water table elevation at monitoring wells MW-01 and MW-03.

A summary of well detail information and depth to groundwater measurements is provided in the table below.

Well I.D.	Well Diameter (inches)	Well Depth (feet)	Screened Interval (feet)	Depth to Bedrock (feet)	Measurement Date	Depth to Water (feet)
MW-01	2	50.0	40 – 50	14.0	7/6/2009	7.18
					7/13/2009	5.38
MW-02	2	33.0	23 – 33	19.0	7/6/2009	20.15
					7/13/2009	18.98
MW-03	2	37.5	27.5 – 37.5	24.0	7/6/2009	10.70
					7/13/2009	10.72
ME-1	2	14.9	4.9 - 14.9	3.0	7/13/2009	5.44
ME-2	2	18.0	8 – 18	5.3	7/13/2009	6.92
ME-6	2	25.5	15.5 – 25.5	13.5	7/13/2009	18.51
AM-1	2	12.0	7 – 12	10.3	7/13/2009	11.44
AM-5	2	12.5	7.5 – 12.5	10.0	7/6/2009	12.27
					7/13/2009	12.27
AM-7	2	9.5	4.5 – 9.5	NE	7/6/2009	5.43
					7/13/2009	8.30

NE = not encountered

The groundwater flow direction at the site was not determined during this investigation. Vertical gradients at the site have also not been determined. Seepage from the raceway

influences local groundwater flow direction. The existing well network at the site includes wells screened in the unconsolidated deposits aquifer, the shallow bedrock aquifer, and the deeper bedrock aquifer. The well network needs to be better defined for the unconsolidated deposits aquifer and bedrock aquifer to assess groundwater flow direction and to determine vertical gradients. Recommendations for expanding the well network at the site are provided in the Technical Memoranda provided as *Appendix A*.

2.4 Previous Site Investigations

This section provides a summary of previous investigations conducted at the site, including Phase I and Phase II investigations completed by GeoDesign, Inc. and a Targeted Brownfields Assessment Report completed in 2006 by Metcalf & Eddy. The reports contained information regarding description of AOCs, locations of AOCs, and a summary of constituents of concern identified from these investigations.

A Phase I report prepared by GeoDesign, Inc. in 2004 identified 21 AOCs on the subject site. After reviewing this information as well as the results of the Phase II investigation, Fuss & O'Neill identified 2 additional AOCs. A list of AOCs identified for the subject site properties is detailed below. A detailed description of each AOC is summarized in the AOC-Specific Technical Memoranda provided in Appendix A.

- AOC 1 – Former xylene USTs south of Building 14
- AOC 2 – Building 14 south loading dock
- AOC 3 – Building 14 west loading dock
- AOC 4 – Northwest corner of Building 14
- AOC 5 – Building 14 wastewater conveyance trenches
- AOC 6 – Southeast corner of Building 14
- AOC 7 – Building 12, Maintenance
- AOC 8 – Slope west of Buildings 1 and 2
- AOC 9 – Building 13, Latex Coating
- AOC 10 – Building 2 loading dock
- AOC 11 – Buildings 1 and 2, Coating Storage
- AOC 12 – Building 3, Storage
- AOC 13 – Building 7, Solvent Coating
- AOC 14 – Fuel oil ASTs
- AOC 15 – Transformers
- AOC 16 – Building 7 loading dock
- AOC 17 – Building 9, Dye Storage
- AOC 18 – Building 8, Former Dye House
- AOC 19 – Building 11, Former Dyeing/Current Chemical Storage
- AOC 20 – Building 11 loading dock
- AOC 21 – Former off-site gasoline station
- AOC 22 – Fill
- AOC 23 – Groundwater

Phase I and II Environmental Site Assessments (ESAs), *February and March 2004*, completed by GeoDesign, Inc.: Environmental investigations included the following:

- Site history and file review
- Interior and exterior site inspection
- Identification of AOCs
- Five exterior soil borings
- Six interior soil borings
- Installation of four groundwater monitoring wells.

Analytical results from the Phase II soil sampling indicated the presence of trace VOCs at several locations throughout the site. ETPH was detected at low concentrations at almost all of the sample locations. Formaldehyde was detected in two samples, both collected from the northwestern portion of Building 14. No SVOCs or PCBs were detected in any of the samples.

Groundwater samples were analyzed for VOCs, SVOCs, ETPH, formaldehyde, aniline and dissolved metals. Trace VOC concentrations were detected in several of the groundwater samples. ETPH was detected at concentrations up to 1,100 ug/L. Arsenic (11 ug/L) and copper (82 ug/L) were detected in the groundwater sample from the monitoring well installed in Building 11. The sample collected from the town well on Brooklyn Street showed zinc at a concentration of 171 ug/L.

Targeted Brownfields Assessment Report, *August 2006,* completed by Metcalf & Eddy: Between November 28 and December 3, 2005, five soil borings were drilled, and overburden soil samples were collected. Four monitoring wells were installed during drilling-three in bedrock (ME-1, 2 and 6) and one in the overburden (ME-5). See Figure 3-2 for a map showing sampling locations. Soil analytical results are summarized below:

- VOCs were detected at trace concentrations in several of the shallow soil samples collected throughout the site.
- SVOCs were detected throughout the site and may be associated with fill. Coal ash, which contains SVOC compounds, was found to be present in fill in one of the borings.
- The sample from soil boring AM-1 (south of the Building 7 loading dock) also contained arsenic at a concentration of 54.4 mg/kg.
- ETPH concentrations ranging from 21 to 75 mg/kg were detected, the highest concentrations being detected in samples collected from Building 3, a general storage area, and outside of the Building 7 loading dock.

Groundwater samples were collected from all four of the newly installed wells (ME-1, 2, 5, 6) as well as from an existing monitoring well (AM-7). Analytical results indicated the presence of TCE, PCE and several other VOCs in the groundwater downgradient of Building 11. The source of TCE and PCE contamination is unknown; however PCE and TCE are currently used in several site operations. PCE and TCE have also been identified as constituents of concern in groundwater as a result of an off-site release at the upgradient Roosevelt Mills facility located 0.5 miles east of the site. ETPH was detected at higher than background concentrations. Metals were found at concentrations higher than background at monitoring wells ME-2 (chromium, lead and copper) and AM-7 (copper and zinc). The groundwater sample collected

at ME-2 was reported to have a blue-green tint. ME-2 is located on Brooklyn Street in the area where dye-colored water was encountered during sewer installation.

3 Regulatory Framework

The Connecticut Remediation Standard Regulations (RSRs) are the clean-up standards in the State of Connecticut. They also contain procedures to evaluate whether actions (e.g., remediation or institutional controls) will be required to address identified releases of hazardous substances.

The RSRs require that the nature and extent of release areas be fully characterized prior to making a final determination of compliance with the RSRs. At this point in the investigation process, release areas have not been fully characterized, and it is not appropriate to make a compliance determination based on this initial data. However, RSR criteria can be used to gauge the relative magnitude of identified releases and assist in the early identification of potential risks to human health and the environment. For this reason, baseline RSR criteria are presented alongside the analytical data as a preliminary evaluative tool, and the RSR criteria that apply to Amerbelle Textiles are discussed in the following subsections.

3.1 RSR Soil Criteria

The RSR Soil Remediation Standards (RCSA Section 22a-133k-2) require polluted soil at a release area to be remediated to meet the Direct Exposure Criteria (DEC) to protect human health from exposure to constituents of concern (COCs). Soil must also meet the Pollutant Mobility Criteria (PMC), which is intended to prevent the pollution of groundwater through the leaching of constituents from impacted soil. The RSRs also define specific alternatives to strict compliance with the baseline numeric DEC and PMC by including self-implementing options, exceptions, and variances.

Direct Exposure Criteria: In general, these criteria apply to soil located within fifteen feet of the ground surface. Soil impacted by a release must be remediated to a concentration that is consistent with the Residential (Res) DEC, unless the site is used exclusively for industrial or commercial activities. In such a case, the Industrial/Commercial (I/C) DEC may be used, provided an Environmental Land Use Restriction (ELUR) is recorded to ensure that the site is used only for industrial/commercial activities. In addition, it is possible to use institutional or engineered controls to manage impacted soil on-site.

Pollutant Mobility Criteria: The PMC is dependent upon the groundwater quality classification of the site. Based on the site's location in a GB-designated area, the GB PMC apply to the Site. In a GB-area, these criteria apply to soil located above the seasonal high water table. Since groundwater at the site is relatively shallow (5-20 ft below the ground surface), the GB PMC may not apply at certain release areas. As with the DEC, it is possible to use engineered controls to manage impacted soil on-site. Variances also exist for the presence of widespread, polluted fill and constituents associated with fill that contains only asphalt fragments, coal fragments, or coal/wood ash.

3.2 RSR Groundwater Criteria

The RSR Groundwater Remediation Standards (RCSA Section 22a-133k-3) require that remediation of a groundwater plume shall result in the attainment of the Surface Water Protection Criteria (SWPC) and Volatilization Criteria (VC) *or* the background concentration for groundwater for each substance in the plume. The criteria which apply to the subject site are discussed in more detail below. As with soil, the RSRs specify self-implementing options and exceptions associated with determining compliance with groundwater criteria.

Surface Water Protection Criteria (SWPC): The SWPC ensure that surface water quality is not impaired by the discharge of contaminated groundwater into a surface water body at constituent concentrations above the Water Quality Standards. The SWPC apply to a groundwater plume at the point where the plume discharges to a surface water body. Alternatively, the SWPC may be evaluated as an average of concentrations within the plume. Site-specific SWPC may also be calculated.

Volatilization Criteria (VC): The VC protects human health from volatile substances in shallow groundwater that may migrate from groundwater into overlying buildings. Under the current regulations, the VC are considered for areas where groundwater is within 15 feet of the ground surface or a structure intended for human occupancy; however, the CTDEP is proposing that this compliance depth be increased to 30 feet. The VC are specific to a site's land use (i.e., residential versus industrial/commercial). Residential criteria apply unless an ELUR is filed to restrict the site's use to industrial/commercial. In evaluating the site with respect to the volatilization criteria, Fuss & O'Neill considered the draft revised VC and the potential for vapor intrusion.

4 Limited Phase II/Limited Phase III Scope of Study

As described in Section 2.4, previous investigations have identified releases of VOCs, SVOCs, ETPH and several metals to soil and groundwater at the site. This scope of work targeted the identified areas of concern with supplemental investigations. The site is an active manufacturing facility, and the nature of the processes and arrangement of the buildings prevented access to sampling in some areas.

The objectives of the investigation are identified below:

1) Characterize potential releases to shallow, unconsolidated soil to the extent that identified AOCs are accessible.

2) Evaluate the potential for the off-site migration of impacted groundwater in the shallow bedrock. Fuss O'Neill consulted the CTDEP on development of the scope of work for assessment of groundwater quality. On June 5, 2008 Fuss & O'Neill met with CTDEP's Tom O'Connor to review groundwater quality for the area surrounding the site. CTDEP is involved in the investigation and remediation of the upgradient Roosevelt Mills site where releases of chlorinated solvents to groundwater at that property have occurred. The releases at Roosevelet Mills have migrated off-site and have affected groundwater quality in the area and potentially the Amerbelle site. The

degree of groundwater characterization at this phase of investigation at the site focused on identifying potential hot spot contaminant source areas and evaluating groundwater quality in the shallow aquifer at the downgradient property boundary.

This section provides an overview of the methods used to investigate the site and evaluate the data collected and describes data quality objectives (DQOs), constituents of concern (COCs), laboratory methods used to analyze environmental samples, and field investigation methods.

4.1 Data Quality Objectives and Reasonable Confidence Protocols

DQOs are used to ensure that data is collected in a manner that permits it to be used to evaluate a site and support decisions based on those evaluations. Procedures used to ensure that the DQOs for the project were met include:

- Work was conducted in accordance with the EPA approved Quality Assurance Project Plan (QAPP) dated November 2008
- Selection of analytical methods with appropriate detection limits
- Use of pre-determined sampling handling and custody procedures
- Use of pre-determined data management and documentation procedures
- Selection of sampling locations and COCs appropriate to the potential release area
- Collection of samples from locations most likely to exhibit evidence of a release based on the AOC conceptual model
- Use of Connecticut's soil VOC sampling procedures
- Use of trip blanks, equipment blanks, duplicates, and laboratory matrix spikes for quality assurance/quality control
- Use of Connecticut's Reasonable Confidence Protocols (RCP)and laboratory QA/QC procedures

QA/QC data and laboratory RCP reporting were reviewed to confirm that objectives for investigation data were met. Our observations are summarized below.

Trip Blanks: Trip blanks for VOC analysis were provided by the laboratory to accompany each cooler of environmental samples to be analyzed for VOCs. Trip blank results were used to determine whether samples may have been compromised as a result of sample container handling or transport. No VOCs were detected in trip blanks. Trip blank analytical results are included in the laboratory reports.

Duplicates: Duplicate samples were generally submitted at a frequency of 1 per 20 samples per matrix. Both soil and aqueous duplicate samples were submitted to Phoenix Laboratories to check the precision of laboratory analysis and field sampling procedures during our Limited Phase II and Limited Phase III investigations. Each duplicate was collected at the same time as the corresponding primary sample and was analyzed for the same parameters.

Duplicate sample concentrations were comparable with reported concentrations for the primary samples. Minor differences in primary and duplicate sample results were generally due to sample heterogeneity and matrix interference. Duplicate results are included in tables with the primary sample.

Reasonable Confidence Protocols: The reasonable confidence protocol packages provided with laboratory reports were reviewed. The laboratory reported that "reasonable confidence" was achieved on all analyses conducted. This checklist is included in the analytical report in Appendix D and Appendix E. A review of the narratives revealed no notes that affect the usability of the data. The lab answered "no" to the following QA/QC questions with the following explanations:

3. *Were samples received at an appropriate temperature (<6 degrees C)?* Soil and groundwater samples were greater than 6 degrees C upon arrival at the laboratory. No bias in the sample results is suspected due to temperature.

4. *Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?* During the analysis of one soil sample (993090630-07 collected at location SB-107), the surrogate dibromofluoromethane exhibited a negative interference. The sample was re-analyzed with similar results indicating matrix interference. Since this sample is beings used to assess the environmental quality of soil, a negative surrogate recovery does not affect the usability of the results.

5b. *Were all reporting limits specified or referenced on the chain-of-custody met?* Due to the presence of petroleum in the shallow soil sample collected at boring location SB-109 (Lab ID AR89517), both the volatile and semi-volatile analysis required a dilution. As a result, the requested reporting limits for volatiles and semi-volatiles could not be achieved. Although the reporting limits were elevated, the primary constituents of concern for this AOC (PCE and TCE) were detected in the sample. In addition, samples collected from adjacent locations did not require a dilution; therefore the absence/presence of AOC-specific constituents of concern at these locations could be evaluated.

Reporting limits for the semi-volatile pyridine and the volatiles acrylonitrile and dibromoethane did not meet the requested groundwater protection criteria for groundwater samples. Groundwater samples collected from monitoring wells AM-1 and ME-2 required a dilution due to non-target material in the sample. As a result, not all requested reporting limits were achieved for these two samples.

6. *For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists present in the Reasonable Confidence Protocol documents?* On the chain of custody, polynuclear aromatic hydrocarbons (PAHs) were requested via EPA Method 8270. This list refers to all semi-volatile organic compounds; however PAHs are a sub-set of SVOCs and the lab used a shortened list of compounds.

4.2 Constituents of Concern

A list of COCs to be investigated was developed for each REC. The COC list comprises those compounds most likely to be released, based on knowledge of site operations and results of previous investigations. The COCs include:

- Volatile Organic Compounds (VOCs)
- Polychlorinated Biphenyls (PCBs)
- Semi-volatile Organic Compounds (SVOCs)

- Extractable total petroleum hydrocarbons (ETPH)
- RCRA 8 (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) metals plus copper, nickel and zinc
- Formaldehyde
- Glycols
- Methanol
- Ammonia

The analytical methods presented in the following table were selected to identify and evaluate potential releases because they are capable of achieving analytical detection limits less than the baseline numeric RSR clean-up criteria applicable to the Site.

Constituent of Concern (COC)	Analytical Method
VOCs	EPA Method 8260. Soil samples were collected using Terracores and preserved using the 5035 preservation method.
SVOCs (and PAHs)	EPA Method 8270
Petroleum hydrocarbons	Connecticut ETPH Method
RCRA 8 metals (plus Cu, Ni, Zn)	SW6010 and SW-7471
SPLP metals	SW6010 and 1323/245.1
PCBs	EPA Method 8082
Formaldehyde	SW8315
Glycols	8015MOD
Methanol	SW8015
Ammonia	E350.1

Sample analysis was conducted by Phoenix Environmental Laboratories of Manchester, Connecticut.

4.3 Limited Phase II/Limited Phase III Investigative Procedures

The Limited Phase II/ Limited Phase III field activities conducted between June 26, 2009 and July 13, 2009 were broken down into the following general tasks, which are described in the following subsections:

- Bedrock monitoring well installation and development (3 locations)
- Geoprobe™ soil sampling (21 locations)
- Groundwater sampling (8 locations)

Sample locations are depicted on Figure 2.

Bedrock Monitoring Well Installation

Prior to initiating field work associated with this Limited Phase II/Limited Phase III ESA, potential sampling locations were marked at the site. As required by law, a state-wide underground utility locating service was contacted prior to commencement of subsurface

sampling activities to mark the location of public underground utilities entering the property. Because providers do not mark out utilities on the property, Fuss & O'Neill contracted NAEVA Geophysics of Congers, New York to clear proposed drilling locations. Fuss & O'Neill contracted Aquifer Drilling and Testing (ADT) of Bloomfield, Connecticut to conduct a portion of the work using a direct-push drill rig. Because the site has several unique conditions likely to complicate drilling operations, Fuss & O'Neill walked the site with the contracted driller to ensure that all proposed investigation areas were accessible to either a track-mounted or portable drill rig.

Three 2-inch diameter groundwater monitoring wells (MW-01 through -03) were installed at the site using a Geoprobe™ drill rig. Monitoring well MW-01 was installed adjacent to the boiler room at the Building 4 loading dock, monitoring well MW-01 was installed near the Building 2 loading dock at AOC 10 and monitoring well MW-03 was installed in the southeastern corner of Building 14 along Grove Street to assess upgradient groundwater quality. Bedrock was encountered between 14 and 24 feet bgs.

The monitoring wells were constructed with standard PVC materials and ten feet of screen. Two of the wells (MW-02 and MW-03) are screened in the shallow bedrock aquifer and MW-01 is screened in deep bedrock (40-50 feet bgs). During drilling, the shallow bedrock wells were advanced several feet below the soil/bedrock interface to ensure that the screened interval was contained within bedrock. The interval above the well screen at the soil/bedrock interface was sealed with bentonite to prevent vertical migration of potential contamination between the unconsolidated deposits and the bedrock. Each monitoring well was finished with flush-mount curb boxes. Well completion details are provided with boring logs in Appendix A and are further described in Section 2.3.

Geoprobe™ Soil Sampling

A total of 21 soil borings were drilled in areas associated with 16 of the 23 areas of concern (AOCs) where manufacturing operations may have resulted in a release of hazardous materials and/or petroleum products to soil. In general, soil sampling was conducted to depths of up to 5 feet below the ground surface (bgs). Bedrock was encountered at several locations, including SB-101, SB-102, SB-103 and SB-116, above the desired boring depth. Deeper borings were advanced in areas where underground structures (such as storage tanks) may have been the source of a release, such as AOC 14. Soil boring SB-104 was drilled to the water table to assess the presence of contaminants in the soil and groundwater at AOC 12.

Soil sampling intervals were selected to characterize the maximum concentrations of release constituents within a release area and confirm the extent of impacted soil. At the majority of AOCs, the release mechanism is expected to be shallow in nature (spills, leaks from equipment, etc.). Therefore, a release to the subsurface would be concentrated in the shallow sub-slab soil beneath concrete floor or exterior asphalt paving. If visual inspection and field screening did not yield evidence of impacted soil, samples were selected for laboratory analysis from predetermined intervals based on the conceptual model for the parcel.

Each soil sample was inspected by a field scientist from Fuss & O'Neill for physical evidence of contamination, such as staining or odors. Where VOCs were a potential COC, samples were also field screened for VOCs using a photoionization detector (PID). In addition, we screened

for select metals (arsenic, chromium, copper, iron, lead, manganese, mercury, nickel, selenium, and zinc) using X-Ray Fluorescence (XRF) technology at some locations. The field scientist recorded soil descriptions, changes in stratigraphy and evidence of potential contamination on boring logs (included in Appendix A).

Fill material, including asphalt, brick, debris and ash, were observed in several borings throughout the site. Fill thickness at the site varies; however, according to boring logs, increases towards the east. Borings drilled in the Building 2 loading dock and southern parking lot indicate fill to a depth of two feet bgs. Borings drilled at AOC 17, 18 and 19 indicate fill to a depth of three feet bgs. The maximum fill thickness (5 feet) observed during this investigation was at AOC 16.

Monitoring Well Development

Monitoring wells were developed immediately after installation using surge-and-purge techniques to remove suspended sediments from the well and to increase the hydraulic connection between the wells and the aquifer.

Groundwater Sampling

An attempt was made to locate existing monitoring wells from previous investigations. Five existing monitoring wells (AM-1, AM-7, ME-1, ME-2 and MW-6) were located and sampled along with the three new wells (MW-01, MW-02 and MW-03). AM-5 was located; however there was not enough water in the well to sample.

Eight wells in total were sampled on July 13, 2009. Due to poor recharge, MW-02, AM-1 and AM-7 could not be sampled using low-flow techniques; a grab sample was collected from available groundwater in the well. The rest of the wells were sampled by the low-flow method. Groundwater samples were analyzed for VOCs, SVOCs, including polynuclear aromatic hydrocarbons (PAHs), RCRA 8 metals plus copper, nickel and zinc, ammonia, formaldehyde, aniline and phenols. Elevated metal concentrations in a sample can be the result of high turbidity (>10 NTU). If a sample did not exhibit a turbidity of less than 10 NTU, an extra metals bottle was collected and field filtered using a 10 micron disposable filter. These samples were analyzed for both total and dissolved metals. The measured turbidity in wells ME-2, MW-01 and MW-03 was less than 10 NTU, therefore samples from these wells were not field filtered and were analyzed only for total metals.

5 Phase II/III Results

This section presents the findings of the Limited Phase II/Limited Phase III investigation and relates the data gathered to the conceptual model developed in Section 2. Each AOC investigated is discussed in detail in the Technical Memoranda for AOCs 9 through 23 included in Appendix A. Sampling locations are shown on Figure 2. Analytical results are summarized on Table 1 and Table 2. Boring logs and well completion reports are included in Appendix B. Low-flow groundwater sampling data sheets are included in Appendix C. Laboratory reports are included in Appendix D and Appendix E. A discussion of site-wide groundwater is presented in the following subsections as well as the Technical Memorandum for AOC 23.

5.1 Soil Analytical Results

Volatile Organic Compounds (VOCs)

A total of sixteen (16) samples were analyzed for VOCs. Tetrachloroethene (PCE) was detected above the laboratory reporting limit at AOC 18, 19 and 20. The highest concentration of PCE detected during this investigation was 36000 ug/kg in the sample collected from SB-109. Borings drilled downgradient (northwest) of this location contained PCE at lesser concentrations. The VOCs cis-1,2-dichloroethene and trichloroethene (TCE) were also detected at SB-109.

Semi-volatile Organic Compounds (SVOCs)

Polynuclear aromatic hydrocarbons (PAHs), which are a sub-set of SVOCs commonly associated with petroleum products, were detected in eight of the 17 samples in which they were analyzed. Most of the detections can be attributed to fill; however PAH detections at AOC 15, 16 and 18 are likely associated with a release of petroleum that has occurred as a result of site operations. Samples collected at these three AOCs were analyzed for PAHs after extraction via synthetic precipitation leaching procedure (SPLP). SPLP analysis assesses the potential mobility and transport of contaminants in soil. A detection indicates that leaching of the constituent to groundwater may be a concern. Phenanthrene was present in the analysis for PAHs after extraction by SPLP in one of the samples collected from boring SB-106. This indicates that the leaching of petroleum compounds is a concern at AOC 18.

ETPH

A total of twenty one (21) samples were analyzed for petroleum hydrocarbons (ETPH). A summary of the results is presented in Table 1. Eight of the samples exhibited concentrations of ETPH. Detected concentrations ranged from 46 mg/kg to 4700 mg/kg. The highest concentration of ETPH was in the sample collected from SB-109 (AOC 19).

PCBs

PCBs were analyzed for one sample (SB-111) collected adjacent to the transformers (AOC 15). Analytical results indicate that PCBs were not detected in this sample.

Metals

A total of nineteen (19) samples were selected for metal analysis. Metals detected throughout the site include arsenic, barium, cadmium, chromium, copper, mercury, nickel, lead, selenium and zinc. A background range for these constituents was determined based on samples collected from the southern parking lot (upgradient) that did not appear to contain fill material. Lab results from the samples collected at SB-115 and SB-120, which contained small amounts of fill material, showed slightly elevated levels of the same metals detected in the background sample plus arsenic and selenium. The approximate ranges of detected metals in soil associated with fill quality are provided in the table below.

Metal	Concentration Range (mg/kg)
Arsenic	ND – 5.9
Barium	14 – 78.8
Cadmium	ND
Chromium	5.42 – 36.6
Copper	4.38 – 19
Mercury	ND – 0.21
Nickel	8.12 – 42
Lead	2.52 – 65.5
Selenium	ND – 26
Zinc	15.1 - 116

A summary of detected metal concentrations is provided as Table 1. An AOC-specific release of metals was suspected to occur if the concentration of a metal significantly exceeded the inferred background range in the table above. Releases of one or more metals consisting of arsenic, cadmium, chromium, copper, mercury, lead and zinc are suspected to have occurred at AOC 10, 13, 16, 17, 18 and 19. AOC 19 had the highest concentrations of metals detected above inferred site background. This may be due to the presence of metals in the fill at these AOCs or may be associated with releases that have occurred at the AOCs. Based on review of the mass metal analysis, samples were additionally analyzed for select metals after extraction via synthetic precipitation leaching procedure (SPLP). The results are summarized in the table below.

Area of Concern	AOC 10	AOC 12	AOC 13	AOC 17	AOC 18	AOC 19	AOC 22
Site I.D.	SB-112	SB-104	SB-103	SB-107	SB-106	SB-109	SB-115
Arsenic	----	----	----	<0.004	----	<0.004	----
Barium	----	----	----	----	----	0.085	----
Cadmium	----	----	----	----	----	<0.005	----
Chromium	----	<0.010	----	----	----	<0.010	<0.010
Copper	----	----	----	----	----	0.033	----
Mercury	----	<0.001	<0.001	----	----	<0.001	----
Nickel	----	----	----	----	----	----	<0.010
Lead	<0.015	<0.015	0.107	<0.015	----	0.127	<0.015
Selenium	----	----	----	----	----	----	<0.020

--- = sample not analyzed for this constituent
<value = not detected above laboratory reporting limit

SPLP analysis assesses the potential mobility and transport of contaminants in soil. A detection indicates that leaching of the constituent to groundwater may be a concern.

Formaldehyde

Formaldehyde was not detected in any of the five samples in which it was analyzed.

Glycols

Glycols, including ethylene glycol and propylene glycol, were not detected in the six samples in which they were analyzed.

Ammonia

A total of five samples were analyzed for ammonia. Four of the five samples contained a detectable amount of ammonia. Concentrations ranged from non-detect to 190 mg/kg. Ammonia is commonly used to treat textiles. Detections are indicative of a release to the subsurface as a result of site operations.

Methanol

Methanol was not detected in any of the five samples in which it was analyzed.

5.2 Soil – Discussion of Conceptual Site Model

Releases of hazardous substances or petroleum products have been identified at ten areas of the site. The table below summarizes the potential source areas and the associated constituents of concern.

AOC	Area	Release Constituent(s)
10	Building 2, Loading Dock	PAHs, cadmium, lead
12	Building 3	PAHs, ETPH, metals
13	Solvent coaters	PAHs, ETPH, metals
14	Fuel Oil Above-ground Storage Tanks	ETPH
15	Transformers	PAHs, ETPH
16	Building 7, Loading Dock	Ammonia, arsenic, ETPH
17	Building 9	ETPH, metals
18	Building 8	PCE, PAHs, ETPH, ammonia, metals
19	Building 11, Former Dyeing/Current Chemical Storage	VOCs, ETPH, ammonia, metals
20	Building 11, Loading dock	PCE, TCE

Fill material was encountered at ten boring locations during this investigation up to a depth of five feet below the ground surface. Fill material consisted of asphalt and brick fragments and building material debris. Fill thickness at the site varies; however, according to boring logs, increases towards the east. Borings drilled in the Building 2 loading dock and southern parking lot indicate fill to a depth of two feet bgs. Borings drilled in the eastern buildings along East Main Street, which are used for chemical storage, indicate fill to a depth of three feet bgs. The maximum fill thickness (5 feet) observed during this investigation was at AOC 16. Metals associated with fill at the site include arsenic, barium, chromium, copper, mercury, nickel, lead, selenium and zinc. These metals are present throughout the site at various concentrations, however a background range has been determined based on analytical results of samples collected upgradient (the southeastern portion of the site) of site operations. Elevated metal detections at AOCs 10, 12, 13, 16, 17 and 18 are likely associated with fill material in soil.

Several of the borings where fill was encountered contain elevated ETPH and PAH concentrations when compared with the inferred background range for the site. At AOCs 12, 13, 16, 17 and 18, ETPH and/or PAH concentrations associated with fill exceeded one or more of the applicable RSR criteria. PAH concentrations at AOC 10 were also elevated when compared with the concentrations detected in upgradient, background samples. Since asphalt contains petroleum hydrocarbons, the detected constituents are these AOCs are inferred to be the result of fill material having impacted the surrounding soil. The presence of EPTH and PAHs in soil at these six AOCs is not likely indicative of a release of petroleum products associated with the AOC.

The release of ETPH at AOC 14 is inferred to be the result of a previous underground storage tank leak. Two 20,000-gallon fuel oil tanks were removed in 1989 along with petroleum contaminated soil. Tank closure samples were collected to document that soil remaining in place after the excavation did not contain petroleum concentrations above the RSR criteria. Petroleum compounds were not detected during this investigation and a release associated with the current above-ground storage tanks is not expected to have occurred.

Soil adjacent to the active concrete transformer pad (AOC 15) has been impacted by petroleum compounds (ETPH and PAHs). The transformer pad appeared to be in good condition and there was no evidence of staining on either the concrete pad or the adjacent asphalt pavement. The release may be the result of a minor surficial spill of non-PCB containing transformer oil.

VOCs (primarily PCE, TCE and VC) have impacted soil in the eastern portion of the site beneath Building 11 and Building 8. This area is used for chemical storage and was historically used to dry clean test fabric. Since PCE and TCE are typical compounds used in dry cleaning operations, the release of these constituents to the soil is likely a result of former site operations. The source of this contamination appears to be the central portion of Building 11 and has impacted downgradient areas, including Building 8 (AOC 18) and the Building 11 loading dock (AOC 20).

5.3 Groundwater Analytical Results

Three monitoring wells (MW-01 through MW-03) were installed on the subject site as part of the Limited Phase II/Limited Phase III investigation. Monitoring well MW-01 was installed in deeper bedrock and MW-02 and MW-03 were installed to intersect the shallow bedrock aquifer. Each well contains a 2-inch diameter 10 feet PVC screen and is finished with a flush-mount curb box.

Each of the three newly installed wells was sampled on July 13, 2009. Five existing wells were also sampled on this date. Groundwater flow at the site is towards the north and northwest. Flow direction is influenced by the raceway running across the site and the adjacent Paper Mill Pond and Hockanum River. The water table around MW-01 is elevated; this is likely due to water seepage from the raceway, located west of the monitoring well.

A site-wide groundwater evaluation is presented in the Technical Memoranda for AOC 23. Groundwater at the site contains metals, including arsenic, barium, cadmium, chromium, copper, nickel, lead, silver and zinc. Background metal concentrations in groundwater were determined based on the sample collected from upgradient monitoring well MW-03. A

summary of the metals detected at this location and the background concentration is provided in the table below.

Metal (mg/L)	Inferred Site Background Concentrations Detected at MW-03
Barium	0.457
Copper	0.005
Nickel	0.004
Silver	0.001
Zinc	0.056

Detected concentrations of metals throughout the site were generally within the same order of magnitude for each constituent, based on comparison with data collected at MW-03. Exceptions to this are summarized below:

- At monitoring well AM-7, all metals that were analyzed exceeded background.
- Concentrations of arsenic, chromium, copper, nickel and lead exceeded background at ME-2. Concentrations of the same metals, except for arsenic, only slightly exceeded background at MW-02, which is located downgradient of ME-2.
- At ME-6, detected chromium and copper concentrations exceeded background.
- Only the concentration of chromium exceeded the background concentration at AM-1.

A description of the current conceptual model for various areas of the site that have impacted groundwater is provided below. The summaries provide a description of the groundwater impact, the rationale for the source of the groundwater impact and current assessment of the fate and transport of the groundwater impact.

Building 1 and Building 2

During the subsurface investigation for AOC 11, Building1 and Building 2, a release to groundwater of the SVOC bis(2-ethylhexyl)phthalate and the metals arsenic, barium, cadmium, chromium, copper, nickel, lead, silver and zinc were identified, however the source of the release is not likely the result of AOC 11 operations. Blue tinted groundwater was encountered during a sewer line installation along Brooklyn Street and again when sampling well ME-2, located upgradient of Building 1 and Building 2. The presence of dye compounds such as aniline and formaldehyde at ME-2, as well as the presence of blue dye-tinted water, indicates that chemicals associated with Building 14 (AOC 4 and 5, which were not investigated during this mobilization) operations have impacted the groundwater. Both monitoring wells at which these constituents were detected screens groundwater in the shallow bedrock. Additional information pertaining to the source area for the detected constituents and the degree and extent of the groundwater contamination plume will be obtained during the investigation of AOC 04 and AOC 05.

Building 7

Groundwater at AOC 16, the Building 7 loading dock, contained detectable concentrations of the PAHs benzo(a)anthracene, benzo(b)fluoranthene, and phenanthrene. These constituents were not detected in the groundwater sample collected from the upgradient monitoring well MW-03, therefore their presence in groundwater at AOC 16 is indicative of a release. No other constituents detected in soil at this AOC were detected in groundwater at concentrations above background, with the exception of ammonia. Gasoline or automobile fluid spilled from trucks during loading and unloading may have migrated to the subsurface through cracks in the asphalt pavement. Since the monitoring well located in the Building 7 loading dock, AM-1, screens the shallow overburden, it is likely that the release to groundwater is the result of surficial spills.

Buildings 8, 9 and 11

VOCs are the primary concern in groundwater at AOC 19 and 20. Chlorinated VOCs consisting of tetrachloroethene (PCE), trichloroethene (TCE) and vinyl chloride (VC) have impacted the shallow bedrock groundwater downgradient from Building 11. Soil at AOC 20 only contains trace constituents of PCE and TCE, indicating that although groundwater in this location has been impacted by these constituents, the Building 11 loading dock is not the primary source of contamination. PCE and TCE are present in soil at AOC 19, primarily in the area of SB-109, at higher concentrations. The greatest concentrations of PCE and TCE detected in groundwater were at monitoring well ME-6 (210 ug/l and 220 ug/l, respectively). Vinyl chloride was only detected in the sample collected from ME-6. Monitoring well AM-7 is located slightly upgradient to this boring location and does not exhibit any detectable concentration of PCE or TCE. Groundwater contamination at AOC 20 is likely from an on-site source, possibly AOC 19. Monitoring well MW-01 is located downgradient of AOC 19 and 20 and screens groundwater in deep bedrock (40 to 50 feet below the ground surface). The samples collected from this well did not contain detectable concentrations of PCE or TCE, indicating that the plume does not extend vertically to this depth and in contained primarily in the shallow bedrock groundwater. The degree and the extent of the VOC plume in this area have not been fully delineated. Specifically, it is not known in the plume extends off-site to the north onto the Daniel Management, Inc. warehouse property.

Elevated concentrations of metals, PAHs and the SVOC bis(2-ethylhexyl)phthalate were also detected in overburden groundwater at AOC 19. A release of these constituents was identified from the results of shallow soil sampling at AOC 19 (SB-109 and SB-110). PAHs and SVOCs were not detected at the downgradient location ME-6, which is screened in the shallow bedrock and only the metals chromium and copper were detected at concentrations slightly above background.

6 Conclusions and Recommendations

Fuss & O'Neill conducted a Limited Phase II/Limited Phase III Environmental Site Assessment (ESA) of Amerbelle Textiles located at 104 East Main Street in Vernon, Connecticut to determine if releases of hazardous substances or hazardous wastes have occurred at sixteen previously identified AOCs. Our investigations included the advancement of soil borings, installation of monitoring wells and the collection of groundwater samples.

No evidence of releases of hazardous substances or petroleum products was found at the following AOCs:

- AOC 9 – Building 13, Latex Coating
- AOC 11 – Buildings 1 and 2
- AOC 21 – Former Off-site Gasoline Station

The determination of "no release" was based on physical inspections, document reviews and analytical data from soil samples.

Based on the data collected during our Limited Phase II/Limited Phase III investigations as well as analytical data from previous investigations, we conclude that releases of hazardous substances or petroleum products have occurred at the following AOCs:

- AOC 10 – Building 2, Loading Dock*
- AOC 12 – Building 3
- AOC 13 – Solvent coaters
- AOC 14 – Fuel Oil Above-ground Storage Tanks
- AOC 15 – Transformers
- AOC 16 – Building 7, Loading Dock
- AOC 17 – Building 9
- AOC 18 – Building 8
- AOC 19 – Building 11, Former Dyeing/Current Chemical Storage
- AOC 20 – Building 11, Loading dock**
- AOC 23 – Site Groundwater

* Constituents of concern detected at these areas may be associated with fill material; however additional investigation must be conducted in order to confirm that the releases are not the result of site operations. Fill is discussed in the Technical Memorandum for AOC 22.

** Contamination at this AOC does not appear to be a result of loading dock operations. The source is likely a release that has occurred at AOC 19.

Technical memorandums for each AOC describing the investigation and sampling results is provided as an appendix to this report.

Several of the above-referenced AOCs contain releases that have the potential to impact the site buildings and/or adjacent properties. The presence of PCE in overburden groundwater at ME-6 suggests that there is a potential concern for vapor intrusion into Buildings 8 and 11. The PCE and SVOC (bis(2-ethylhexyl)phthalate) contamination plumes identified on the property north of Brooklyn Street are upgradient of the Paper Mill Pond. It is unknown whether these plumes have migrated off-site to affect either the Paper Mill Pond of the north abutting property. We recommend further investigation of the Building 11 PCE release to assess the possibility of vapor intrusion and off-site migration of the plume. The source of the SVOC plume was not identified during the first mobilization of the investigation because it is likely originating from a release below Building No. 14, the textile dyeing building, which is located on the southern portion of the site. We also recommend implementation of the EPA-approved scope of work in the QAPP Addendum for Buildings 12 and 14.

Further investigation at the above-referenced AOCs where a release of hazardous material was identified is needed to determine the degree and extent of contamination. Area-specific conceptual models (Technical Memoranda) are included as Attachment A. Each area of concern investigated as part of this Limited Phase II/Limited Phase III First Mobilization Investigation is described and the potential release mechanism is identified. Recommendations for future investigations at AOCs 9 through 23 are given in the Technical Memoranda.

7 References

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3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject site with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may effect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided, and unless otherwise described in the work product has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

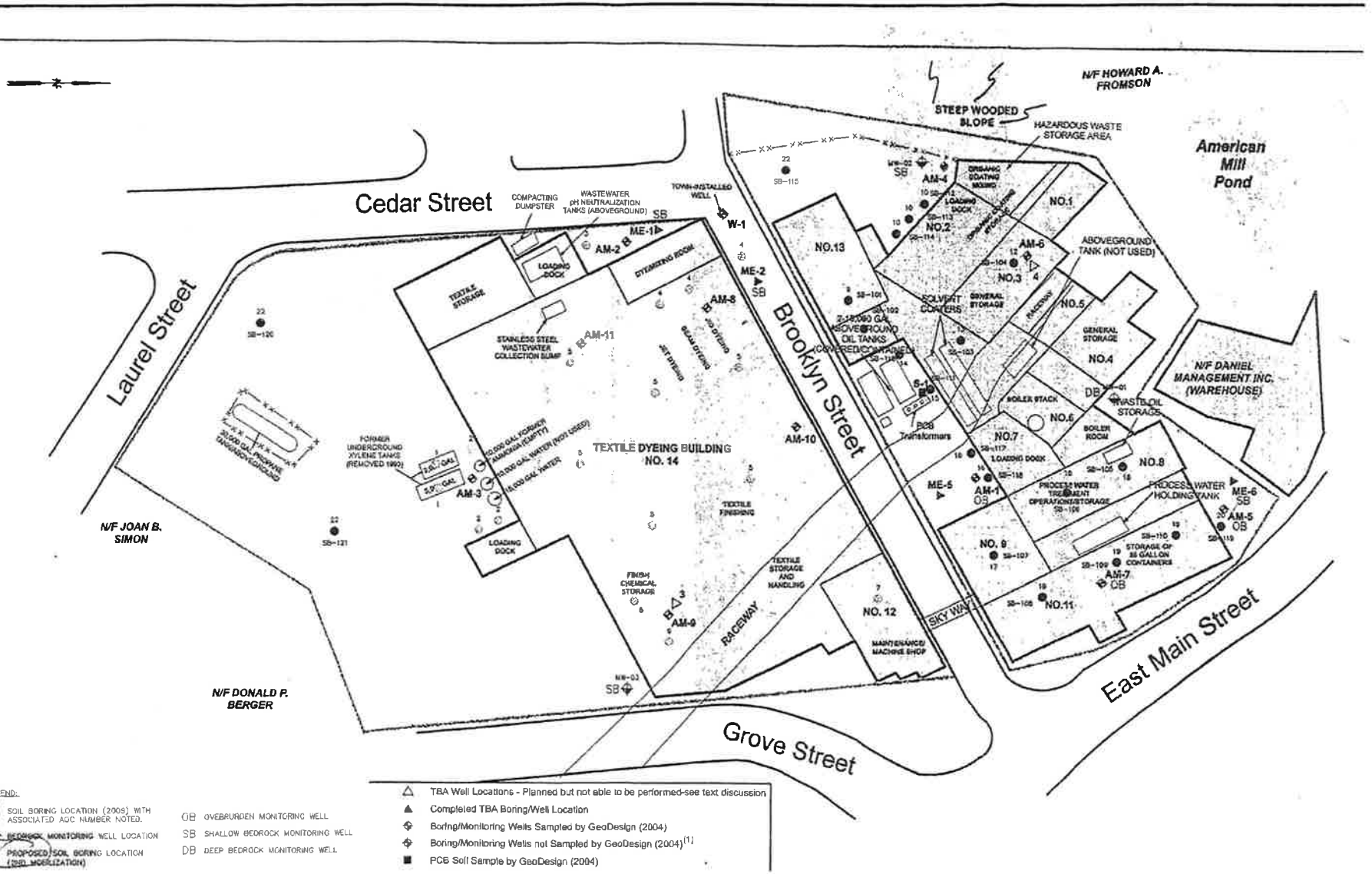
9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the subject site.

10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and CRCOG, whether or not the project is completed.

11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and CRCOG, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.



NOTE:
BASEMAPPING FROM "FIGURE 3, SAMPLING LOCATIONS" AMERBELLE TEXTILES, VERNON, CONNECTICUT, METCALF & EDDY/AECOM.

GRAPHIC SCALE

WWW.FandO.COM
FUSS & O'NEILL
Disciplines to Deliver
146 HARTFORD RD MANCHESTER, CT 06040 860.646.2469

PROPOSED AND EXISTING SAMPLING LOCATIONS
AMERBELLE TEXTILES
VERNON CONNECTICUT

FIGURE 2

TOWN OF VERNON

OFFICE OF THE
TOWN ADMINISTRATOR

14 PARK PLACE., VERNON, CONN. 06066
Tel: (860) 870-3665
Fax: (860) 870-3580
E-Mail: larry.shaffer@ci.vernon.ct.us

REMEDIATION SECTION, 2ND FL
RECEIVED

DEC 23 2004

WASTE MANAGEMENT BUREAU

December 20, 2004

Ms. Elsie Patton, Acting Director
Planning & Standards Division
Bureau of Waste Management
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

RE: Amerbelle Corporation

Dear Ms. Patton:

Please note in response to your letter of November 29, 2004, relative to the schedule for investigating and remediating the Amerbelle Corporation property located at 104 East Main Street, Vernon, CT, note that the Town of Vernon has successfully applied to the Environmental Protection Agency, Region I, under the Brownfields Targeted Site Assessment Program. EPA, Region I and James Byrne, the Brownfields Targeted Site Assessment Coordinator announced in the summer of 2004, that Amerbelle and the Town of Vernon would be awarded the funds for the Brownfields Targeted Site Assessment. EPA shall employ the licensed environmental firm Metcalf & Eddy to conduct the Brownfields Targeted Site Assessment, which is designed to take the study that was completed by GeoDesign, Inc. and complete both the Phase II and Phase III Analysis and the Remediation Action Plan.

We fully believe that the Remediation Action Plan (RAP) will be submitted to the Department of Environmental Protection on or before November 1, 2006. Based upon the (RAP), the Town would intend to move forward with remediation utilizing funding from all sources as it becomes available.

The Town of Vernon very much looks forward to continuing our long and collaborative relationship with the Department of Environmental Protection to address environmental concerns within the Town of Vernon. We are deeply committed to fulfilling all of our

obligations under the law and we look forward to complete cooperation from the Department as it pursues a mutual goal of providing a clean and safe environment.

Thank you.

Sincerely,

Laurence Shaffer
Town Administrator

LS:dl

C: Mark Sussman, Murtha Cullina, 1 CitiPlace, Hartford, CT 06103-3469
Douglas Rimsky, Secretary, Amerbelle Textiles, LLC, 104 East Main St., Vernon, CT 06066
William Horowitz, President, Amerbelle Corp., 104 East Main St., Vernon, CT 06066
Timothy Carr, Manager of Environmental Services, GeoDesign, Inc., 984 Southford Rd., Middlebury, CT 06762
Gary Wolff, President/Secretary, HIDVC Property I, Inc., 135 Bolton Rd., Vernon, CT 06066
Kim Maiorano, DEP
James Byrne, EPA Region I, Brownfields Coordinator

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Rcd Back on 11/24/04
Change address to cert. party
Did so given to ... on 11/24/04 ... E.P. not around

Mr. Mark Sussman, Esq.
Murtha Cullina, LLP
CitiPlace I
183 Asylum Street
Hartford, CT 06103-3469

RE: Environmental Condition Assessment Form
Amerbelle Corporation, 104 East Main Street, Vernon, CT

Dear Mr. Sussman:

On April 20, 2004 the Remediation Section of the Department of Environmental Protection received an Environmental Condition Assessment and a Form III for the transfer of the business assets of an establishment known as the Amerbelle Corporation located at 104 East Main Street and 5 Brooklyn Street in Vernon to Amerbelle Textiles, LLC for the transfer of an establishment pursuant to Section 22a-134(a-e) of the Connecticut General Statutes. Page 1 of the Form III was resubmitted with revisions on May 10, 2004. The Department acknowledged the Form III as being complete on May 11, 2004. These parcels are recorded in the Town of Vernon Tax Assessors office respectively as Map 40, Block 117, Lot 6 for 104 East Main Street and Map 41, Block 119, Lot 1 for 5 Brooklyn Street. The property deeds for these parcels are recorded on volume 85, page 104, volume 86 page 89, volume 103 page 111, volume 172 page 432, and volume 1023 page 177 of the Vernon land records.

This letter is to notify you that an environmental professional licensed pursuant to Section 22a-133v may verify that the investigation has been performed in accordance with prevailing standards and guidelines and that the remediation has been performed in accordance with the remediation standard regulations adopted by the Commissioner pursuant to Section 22a-133k. Upon your receipt of such verification by a licensed environmental professional, you must file a copy with the Commissioner.

Pursuant to Section 22a-134a(g), on or before 30 days of the receipt of this notice, you must submit to the Commissioner a schedule for investigating and remediating the establishment and for providing public notice prior to the remediation. Such schedule shall provide that the investigation be completed within two years of the date of receipt of this notice and that remediation be initiated within three years of the date of receipt of this notice. The schedule shall also provide that a copy of the public notice of remediation be submitted to the Department, and copies of technical plans and reports related to the investigation and remediation of the establishment be submitted to the Department on an annual basis. The schedule shall provide the name of the licensed environmental professional that will be retained to oversee such activities at the establishment. The Department must be notified in writing within 30 days should there be any change in the selection of the licensed environmental professional originally identified.

Unless an alternative schedule has been approved in writing by the Commissioner, you shall investigate the parcel and remediate the establishment in accordance with the proposed schedule. You shall submit to the Commissioner an independent verification by a licensed environmental professional that the establishment has been remediated in accordance with the remediation standards.

You should note that as provided under Section 22a-134a(g), the Commissioner may determine that the Commissioner's review and written approval of the investigation and remediation at the parcel is necessary. Nothing in this determination shall affect the authority of the Commissioner under any other statute or regulation, including, but not limited to, any authority to issue an order to any party associated with the transfer, to institute any other proceeding, or take any other action to prevent or abate pollution, to recover costs and natural resource damages, and to impose penalties for violations of law.

If at any time the Commissioner determines that the actions at the parcel have not fully characterized the extent and degree of pollution or have not successfully abated or prevented pollution, the Commissioner may institute any proceeding, or take any action to require further investigation or further action to prevent or abate pollution.

In addition, nothing in this determination shall relieve any person of his or her obligations under applicable federal, state and local law.

Please direct all future correspondence and any questions pertaining to this matter to Thomas O'Connor of my staff at (860) 424-3769.

Sincerely,

Elsie Patton,
Acting Director
Planning & Standards Division
Bureau of Waste Management

EBP:to

cc: Laurence Shaffer, Town Administrator, 14 Park Place, Vernon, CT, 06066
Douglas Rimsky, Secretary, Amerbelle Textiles, LLC, 104 East Main Street Vernon, CT 06066
William Horowitz, President, Amerbelle Corp., 104 East Main St. Vernon, CT 06066
Timothy Carr, Manager of Environmental Services, GeoDesign, Inc.,
984 Southford Road, Middlebury, CT 06762
Gary Wolff, President/Secretary-HIDVC Property I, Inc.,
135 Bolton Road, Vernon, CT 06066
Kim Maiorano, DEP

Sent Certified Mail, Return Receipt Requested

ECAF ADDENDA
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT
MARCH 2004

Initialed: fe

Part II.1 Summary of industrial/commercial history of site (present and former use, including dates and SIC codes):

Site History

The first mill buildings were constructed between 1865 and 1869. Textile dyeing and finishing operations have been performed by various tenants and owners almost continuously since that time. Former property industrial occupants have included: The White Manufacturing Company, J.J. Regan Mfg Company, The Rose Silk Company, Belding Brothers Silk Thread Mill, American Dyeing Company and Amerbelle Corporation.

A more detailed description of site history is provided in the Phase I Environmental Site Assessment report (March 2004).

Current Operations

Amerbelle operates as a "commission dye house" which dyes, coats and finishes synthetic and blend nylon or polyester fabrics to meet a variety of customer requirements. The fabrics are typically scoured, bleached and dyed. Following dyeing, fabrics are processed through calendars to tighten the weave. The fabrics can also be further processed by application of latex or solvent-based coatings and/or a water-based finish solution. Following lay-up and inspection, the fabric is packaged and shipped either to the customer or to the next step in the textile conversion process. Amerbelle's SIC code is 2262 (Finishers of Broadwoven Fabrics of Manmade Fiber and Silk).

A more detailed description of various industrial processes is provided in the Phase I Environmental Site Assessment report (March 2004).

Part II.2 Hazardous substances or petroleum products presently or formerly handled at the site (list materials & management method):

Former Underground Fuel Oil Storage Tanks

From approximately 1948 through 1989, Amerbelle maintained two 20,000-gallon underground fuel oil storage tanks. The steel tanks were reportedly located within the same concrete containment structure as is used today, but the structure had an earthen base. The tanks inside of the containment structure were backfilled with sand. From 1948 until the early 1980's, the tanks reportedly contained No. 6 fuel oil. From 1983 through 1989 the tanks stored re-refined off-specification and specification used oil fuel. During the period from 1983 through 1987, Amerbelle also added waste MEK to the fuel oil for on-site burning.

The 20,000-gallon underground tanks were removed in 1989 and no evidence of a release was reported. A concrete slab was poured within the containment and two 18,000-gallon aboveground tank systems were installed and have been in use since that time.

Initialed: fl

Former Xylene Storage Tanks

One 5,000-gal. and one 3,000-gal. xylene underground storage tank were located on the south side of Building No. 14. File information indicated that tightness testing was performed in August 1991 (the 3,000-gallon tank) and in May 1992 (5,000-gallon tank) which indicated that both of the tanks met the criteria for tightness at that time. The tanks were reportedly removed on or about July1993 by M&G Associates, Inc. of West Willington, CT. No information was found regarding the condition of the tanks or the subsurface when the tanks were removed.

Hazardous Substances

A listing of dyeing and finishing chemicals was included in Appendix 3 of the Phase I ESA.

- Oil and hazardous materials were observed to be in use throughout the active portions of the facility.
    - Waste oils were stored in 55-gallon drums on containment pallets located in Building No. 8.
    - Solvent-based coatings were stored in 55-gallon drums in Building No. 1. Amerbelle's solvent-based coatings include acrylic and urethane blends and silicones. Amerbelle's solvent-based coatings typically contain toluene (40 to 45%), isopropyl alcohol (10 to 15%) and methyl ethyl ketone (2 to 3%) as the principal solvents.
    - Latex-based coatings were stored in 55-gallon drums in Building No. 13. The area appeared neat and well maintained.
    - More than one hundred chemical containers, mostly 55-gallon drums, were observed stored on the ground floor of Building No. 11. Most of the containers were reported to be empty drums awaiting off-site disposition.
    - Numerous types of dyeing and finishing chemicals were observed to be used and stored in Building 14. Some of the chemicals contain formaldehyde.

- Four electrical transformers were observed inside a locked fenced enclosure located on the north side of Brooklyn Street in the central portion of the site. The largest transformer appeared to be newer and was labeled as non-PCB containing. Three smaller ones were labeled to be PCB-containing. We did not observe evidence of leaking from the transformers.

Part II.4 Has any enforcement action been taken by CT DEP or EPA regarding waste handling practices at the site, or requiring remediation at the site? If yes, list action type, date, number, name of party, purpose & status:

According to Amerbelle personnel, the company does not have pending enforcement actions and all permits are currently in place and being complied with. There is an extensive regulatory history for the site regarding air, water and waste management issues.

Initialed:

In 1987, the company was cited for violations primarily related to the burning of hazardous waste or off-specification fuel oils in the industrial boiler system. These matters have reportedly been corrected.

Part II.5 Releases reported to CT DEP Oil & Chemical Spills? If yes, list date, material released and quantity:

A total of 32 oil and chemical spill incidents were identified for the site and vicinity between 1984 and 2002, based on a review of facility records, CTDEP files and Environmental Data Resources.

No.	Date	CTDEP Case Number	Type of Release	Amount Released	Location/Cause	Corrective Action/Status
1	4/25/84	Not Specified	Chemical reaction (Gaseous)	Not Specified	Thiourea dioxide caused an exothermic reaction and approximately 100 lbs was discharged to the sanitary sewer.	Not Specified
2	5/11/84	Not Specified	Acetic acid	Not Specified	Rt. 31 - Main Street	None Required
3	5/21/86	757-5-21-86	Waste Oil	5 gallons	Heat exchange tube broke - release to pond surface	None Required
4	5/29/86	821-5-89-86	Oil	5 gallons	Hose failure - pond surface	Recovered 5 gal - Dispersed
5	6/23/86	971-6-23-86	Waste Oil	500 gallons	Tank overfill - 100 gallons to pond	400 gallons recovered
6	3/1998	Not Specified	Sewage	Not Specified	Recurring back-up of sewer line on Brooklyn Street. A 2x4 was found to be restricting flow downstream from the site	Fixed
7	6/24/88	Not Specified	Oil	50-100 gallons	Released into river from oil delivery	Not Specified
8	12/19/88	31-12-19-88	Refined waste oil	350 gallons	Tank overfill on Brooklyn Street	Contained
9	4/26/89	Not Specified	Oil	20-25 gallons	Oil delivery - hose ruptured	Contained
10	7/11/89	2277-7-11-89	Waste Oil	13 gallons	Failure of 25,000-gallon (presumably 20k) inground tank	Pumped out tank
11	10/17/89	3974-10-17-89	Waste Oil	20 gallons	Overfilled 6,500-gal temporary tank	Not Specified
12	11/23/89	4374-11-23-89	Sprinkler system	Unknown	Sprinkler system misfired in chemical storage room	Not Specified
13	2/20/90	545-2-20-90	Xylol	10-15 gallons	55-gal drum spill for tank testing - rear parking lot of Bldg. 14	Contained
14	8/13/90	3114-8-15-90	Gas odors	Not Specified	Possible burner malfunction	Not Specified

ECAF ADDENDA
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT
MARCH 2004

Initialed:

No.	Date	CTDEP Case Number	Type of Release	Amount Released	Location/Cause	Corrective Action/Status
15	1/18/91	209	Ammonia	100 gallons	5000-gallon exterior tank on the south side of Bldg 14 began leaking.	Emptied, Contained & Removed
16	2/13/91	537-2-13-91	Used Oil	5-10 gallons	Hose failure during used oil delivery	Contained
17	4/23/91	1491	Dyeing Wastewater	Not Reported	Sanitary sewer pipe failure caused release to river at Grove St	Closed
18	3/10/92	92-1074	Diesel fuel	50 gallons	Fuel tank failure on truck at Bldg 11 loading dock	Contained
19	11/5/92	5647	Specification Oil	100 gallons	Released into river (piping problem)	Closed
20	2/15/94	686	Liquid Dye	5 gallons	Discharged to a floor drain to the sanitary sewer inside an unspecified building	Closed
21	4/18/95	1962	Dye or sewage	> 100 gallons	Dark blue substance encountered by contractor rebuilding bridge on Grove Street, southeast of the site. The material was impacting the river.	Closed
22	7/19/96	96-3796	Non-Haz Dye	55 gallons	Drum fell off truck at corner of Brooklyn & Cedar Streets	50 gallons recovered
23	5/19/97	97-02526	Hydraulic oil	80 gallons	Freight elevator hose ruptured. A sump drained to river.	Closed
24	5/29/97	Not Specified	Aerotex 96 Water Repellent	20-25 gallons	Spilled from a drum on Brooklyn Street	Contained
25	12/3/97	Not Specified	Liquid Propane	Not Specified	Valve failure on aboveground tank in rear parking lot	Not Specified
26	11/13/98	Not Specified	Gasoline	Not Specified	Tractor trailer on Grove Street leaking gasoline	Contained
27	1/12/99	Not Specified	Hydraulic oil	Not Specified	Hydraulic oil leaked from a calendar. The oil collected in a sump beneath the machine.	Contained
28	5/13/99	Not Specified	Oil	Not Specified	DEP observed oil sheen on pond surface	Not Specified
29	2/17/00	2000-01003	Liquid Caustic	2 gallons	Drum punctured while loading truck at the Bldg 11 loading dock	Closed
30	10/11/00	Not Notified	Chemical (not specified)	Not Specified	Spill inside plant at DSN 004 pH station	Not Specified
31	11/6/01	Not Specified	Sulfuric Acid	4 gallons	Drum punctured at Bldg 11 loading dock	Contained & cleaned
32	01/02	Not Specified	Compressor Oil	Est. 5-10 gallons	Air compressor leaked and released into river through the non-contact cooling water discharge.	Not Specified

ECAF ADDENDA
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT
MARCH 2004

Initialed: JE

Part II.8.a List any release areas or potential release areas on the site, and for each describe the nature of the release, the date and estimated duration of the release, and an estimated volume of the release. For each release area or potential release area indicate whether the area has been investigated or remediated.

A total of twenty-one Recognized Environmental Conditions or potential release areas were identified for the site the site

REC No.	REC Location	Rationale For Listing	Some Investigation Conducted?
1	Former underground tanks located south of Bldg. 14 (3,000-gal & 5,000-gal. xylene)	Underground xylene tanks were removed in 1993 without reported closure confirmation soil sampling	Yes
2	Loading dock on south side of Bldg. 14	Potential for chemical spills during loading/unloading	No
3	Loading dock on west end of Bldg. 14	Potential for chemical spills during loading/unloading. This dock is located nearest the dye and finishing chemical room and wastewater treatment area.	No
4	Northwest corner of Bldg. 14	Location where dye-colored water was observed in the ground during sewer line installations in 1997. This is also the area where seeps of discolored liquid were observed coming from an exhaust vent and cracks in the foundation.	Yes
5	Wastewater conveyance trenches in Bldg. 14	Concrete erosion and chemical attack of sub slab wastewater conveyance trenches. The sub-slab trench network is extensive.	Yes
6	Southeast corner of Bldg. 14	Location where a bridge contractor identified dye-colored in 1995 and adjacent to location of process water overflows.	No
7	Building 12	Maintenance/ Machine Shop	No
8	Slope west of Bldgs. 1 and 2	Location of reported dye-colored water seeping from embankment and observed solid waste debris.	No
9	Building 13	Latex coating operations	No
10	Building 2 loading dock	Potential for chemical spills during loading/unloading	No
11	Buildings 1 & 2	Storage of flammable solvents and mixing of coatings.	Partial
12	Building 3	Downgradient of solvent coating / former storage area	Partial
13	Building 7	Solvent Coaters	No
14	Area west of Bldg. 13	Two 18,000-gal fuel oil ASTs where oil releases have occurred	No
15	South of Bldg. 7	Four transformers (3 PCB containing)	Yes

Initialed: JL

REC No.	REC Location	Rationale For Listing	Some Investigation Conducted?
16	Bldg. 7 Loading Dock	Potential for chemical spills during loading/unloading	Yes
17	Building 9	Former Dye Storage	No
18	Building 8	Former Belding Bros. Dye House	No
19	Building 11	Reported location of former Amerbelle dye operations and present chemical storage	Yes
20	Bldg. 11 Loading Dock	Potential for chemical spills during loading/unloading	Yes
21	Across Grove Street from Bldg. 14	Former gasoline station located across Grove Street southeast of the site	No

Part III.4 Describe the land use on the site and in the area surrounding the site. Identify any sensitive land uses within 2 miles of the site.

Amerbelle occupies two separate parcels of land and building complexes which are separated by Brooklyn Street. More than 90% of the land area is covered by buildings or pavement.

The southern-most parcel consists of 2.7-acres of land occupied by an approximately 54,500 square foot (footprint) two-story brick building (Building No.14). The parcel is adjoined by residential properties to the south; Grove Street and Paper Mill Pond to the east; Brooklyn Street to the north; and Cedar Street to the west. A small dam is located on Amerbelle's property and forms Paper Mill Pond across Grove Street to the east. The northern parcel consists of approximately 1.5-acres of land which is occupied by an approximately 42,700 square foot mill complex which houses Amerbelle's solvent and latex-based coating operations, the company's industrial boiler systems, and storage areas.

From the Paper Mill Pond Dam, the Hockanum River flows in a raceway beneath Buildings Nos. 14, 7 and 5. The river flows from the southeast corner to the north-central portion of the site. Besides the Hockanum River, the only sensitive land use in the vicinity is Shenipsit Lake, located approximately 3,000-feet to the east.

Part III.5 Provide a brief geologic and hydrogeologic summary of the site and surrounding area:

The Water Quality Classifications Map of Connecticut, Thames River, Pawcatuck River, and Southeast Coastal Basins (CT DEP, 1986), indicated the groundwater underlying the site is classified as GB.

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF CONNECTICUT
VS
THE AMERBELLE CORPORATION

IN THE MATTER OF AN ORDER TO THE AMERBELLE CORPORATION TO ABATE POLLUTION

ORDER

Having found that the Amerbelle Corporation is maintaining a facility or condition which reasonably can be expected to create a source of pollution of the waters of the state and has initiated a discharge without a discharge permit and is therefore in violation of the laws intended to prevent pollution of the waters of the state, under the provisions of Chapter 446K of the General Statutes as amended, the Commissioner of Environmental Protection acting under Sections 22a-430 and 22a-432 hereby Orders the Amerbelle Corporation to take such action as is necessary to:

1) Delineate, characterize and evaluate all non-domestic wastewater discharges from the Amerbelle Corporation to the Town of Vernon sanitary sewerage system, apply for discharge permits and provide, as necessary, adequate pretreatment of the wastewaters to ensure compatibility of such wastewaters with the Vernon municipal water pollution control facility and to prevent pollution of the waters of the state.

2) Eliminate the foaming problems in the Town of Vernon sanitary sewerage system caused by the discharge of textile processing wastewaters from the Amerbelle Corporation.

3) Modify existing industrial chemical storage and handling facilities to ensure protection of the waters of the state from pollution.

The Amerbelle Corporation is further Ordered to accomplish the above described programs except as may be revised by the recommendations of detailed engineering study and agreed to by the Commissioner of Environmental Protection in accordance with the following schedule.

(A) On or before September 30, 1987 submit for the review and approval of the Commissioner of Environmental Protection an engineering report addressing the requirements of Directives 1, 2, and 3 above and submit the necessary permit applications for non-domestic discharges to the Town of Vernon sanitary sewerage system..

(B) On or before October 31, 1987 submit for the review and approval of the Commissioner of Environmental Protection contract plans and specifications for facilities approved under Step A above.

(C) On or before December 31, 1987 verify to the Commissioner of Environmental Protection that construction has started.

Phone:
165 Capitol Avenue • Hartford, Connecticut

(E) On or before March 31, 1988 verify to the Commissioner of Environmental Protection that the constructed facilities have been placed in operation.

Failure to comply with this order subjects the recipient to penalties under Section 22a-438 and injunction under Section 22a-435 of the Connecticut General Statutes.

Entered as an Order of the Commissioner of Environmental Protection this 17th day of August, 1987.

Leslie Carothers
Commissioner

ORDER NUMBER WC 4561
DEP/WPC-146-003
TOWN OF VERNON
LAND RECORDS
MAILED CERTIFIED MAIL-RRR
TO: Mr. Irving Horowitz
The Amerbelle Corporation
104 East Main Street
Rockville, Ct. 06066

MURTHA CULLINA LLP

ATTORNEYS AT LAW

CITYPLACE I
185 ASYLUM STREET
HARTFORD, CONNECTICUT 06103-3469

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www.murthalaw.com

MARK R. SUSSMAN
(860) 240-6034
MSUSSMAN@MURTHALAW.COM

RECEIVED
MAR 12 2004
Dept. of Environmental Protection
Office of the Commissioner

March 11, 2004

HAND DELIVERY

Robert Kaliszewski
Department of Environmental Protection
Office of the Ombudsman
79 Elm Street
Hartford, CT 06106

Re: Amerbelle Corporation, Rockville, CT.

Dear Mr. Kaliszewski:

This letter follows up on the meeting that we had in February concerning the potential sale of the assets of Amerbelle Corporation. I represent Amerbelle Textiles LLC, a new company being formed to buy the operating assets of the Amerbelle Corporation, and make a substantial investment to keep the Amerbelle facility open, preserve manufacturing jobs in Connecticut, and avoid abandonment of yet another old mill in Rockville. As we discussed at the meeting, we have been working closely with the Town of Vernon, which has been very helpful in supporting our plan to keep the Amerbelle facility open.

Under the plan, which is still subject to negotiation, Rockville Bank, Amerbelle Corporation's secured creditor, will exercise its right to take Amerbelle Corporation's non-real estate assets and will transfer those assets to Amerbelle Textiles LLC. At the same time, the Town of Vernon, which has a substantial lien on the real estate for back taxes and sewer assessment fees, will take ownership of Amerbelle Corporation's real estate through a deed in lieu of foreclosure. It is anticipated that the Town will immediately transfer the real estate to the Hockanum Industrial Development and Venture Corporation, a non-profit entity created by the Town to own and manage mills and other Brownfields properties.

Amerbelle Textiles LLC has retained an environmental consultant, who has conducted a phase 1 and partial phase 2 investigation. Based on those studies, it appears that the environmental conditions on the site are manageable, and we anticipate that the Town of Vernon or its special purpose non-profit entity will sign a Form III under the Transfer Act, as a certifying party taking responsibility for the environmental remediation of the site. The real

estate will be leased to Amerbelle Textiles LLC, which will be responsible for complying with ongoing environmental operational requirements and any future releases of hazardous substances.

Amerbelle has been operating under severe economic distress for a number of years. Its work force has fallen to approximately 100 employees as a result of weak economic conditions and cheap foreign competition. The potential new owner of Amerbelle understands that it will need to make a significant investment in the facility, so that Amerbelle can compete effectively in the marketplace. Therefore, Amerbelle Textiles LLC needs a reasonable period of time to improve operations at the facility without any significant new environmental regulatory burdens. While we understand that DEP will only impose requirements that it believes are necessary to protect the environment, Amerbelle Textiles LLC's willingness to proceed with this transaction depends, in part, on its ability to pay for additional environmental requirements as it begins operations. Therefore, Amerbelle Textiles LLC needs to understand the DEP's position on several specific issues and requests for time to implement new study requirements.

Although we are working to put together the required permit transfer forms, the forms cannot be completed, since the transaction is still under negotiation. Nevertheless, this letter provides a list of the current environmental permits and registrations for the facility, and identifies the few specific environmental regulatory issues that need to be addressed to allow this transaction to proceed.

The Amerbelle facility currently operates with the following permits and registrations:

Air Permits and Registrations:

NSR Permit to Construct and Operate a Stationary Source of Air Pollution Permit No. 0009 – Town/Premise No. 187/15
Covered Equipment: 50 MMBTU/Hr Wickes Boiler (Boiler #6)
Original Permit Issue Date: 08/06/80 (Construction Permit)
04/23/81 (Operating Permit)
Permit Modification Dates: 03/31/0
07/23/03
Expiration Date: None

NSR Permit to Construct and Operate a Stationary Source of Air Pollution
Permit No. 0010 – Town/Premise No. 187/15
Covered Equipment: 33 MMBTU/Hr Titusville Boiler (Boiler #5)

Original Permit Issue Date: 08/06/80 (Construction Permit)
04/23/81 (Operating Permit)
Permit Modification Dates: 03/31/03
07/23/03
Expiration Date: None

NSR Permit to Construct and Operate a Stationary Source of Air Pollution Permit No. 0012 – Town/Premise No. 187/15
Covered Equipment: Combustion Engineering Model 109 Thermal Oxidizer
Original Permit Issue Date: 10/14/83 (Construction Permit)
10/14/83 (Operating Permit)
Expiration Date: None

Registration for General Permit to Limit Potential to Emit from a Major Stationary Source of Air Pollution
Application No. 200301703
Registration No. 187-0038-GPLPE
Effective Date: 07/18/03
Expiration Date: 03/29/06

Air Management Bureau process and/or fuel-burning equipment registrations

Registration No.	Source Description
# 187-0064	Solvent Coating Machine No. 1 - Constructed 1970
# 187-0065	Solvent Coating Machine No. 2 - Constructed 1970
# 187-0068	Latex Coating Machine No. 5 - Constructed 1950
# 187-0044	Finishing/Tenter Frame No. 2 - Constructed Prior to 1972
# 187-0045	Finishing/Tenter Frame No. 3 - Constructed Prior to 1972
# 187-0046	Finishing/Tenter Frame No. 4 - Constructed Prior to 1972
# 187-0048	Finishing/Tenter Frame No. 6 - Constructed Prior to 1972
# 187-0049	Finishing/Tenter Frame No. 7 - Constructed Prior to 1972
# 187-0050	Heat Setting Machine No.1 - Constructed Prior to 1972
# 187-0051	Heat Setting Machine No.2 - Constructed Prior to 1972

Water Permits and Registrations:

State Pretreatment Discharge Permit No. SP0000599
Modification Date: 07/10/97
Expiration Date: 05/23/99
Application for Renewal No. 199804931
Date of Submittal: 11/24/98

NPDES Discharge Permit No. CT 0020940
Modification Date: 07/10/97
Expiration Date: 05/23/99
Application for Renewal No. 1998804932
Date of Submittal: 11/24/98

Registration for General Permit for the Discharge of Minor Non-Contact Cooling and Heat Pump Water
Permit No. GCW000098
Application No. 200203450
Issue Date: 08/28/02
Expiration Date: 06/11/12

Water Resources Permits and Registrations

Water Diversion Registration
Registration No. 4500-038-IND-R

Dam Registration
Name: Paper Mill Pond Dam
Registration No. 14606

Hazardous Waste Identification No.

Hazardous Waste Identification No. CTD001139898

In order to allow the Amerbelle Textiles LLC sufficient time to take over the operations, stabilize the company's financial position, and make the improvements necessary

for the long term success of the company, additional time will be necessary to implement several studies or tests. Specifically, as part of the permit transfers, Amerbelle Textiles LLC intends to request the following relief:

- The company requests that the Department grant an extension of time to conduct the boiler stack emission testing that was required to have been conducted by October 1, 2003, pursuant to Part III, paragraph A of Amerbelle Corporation's two boiler operating permits (Permit Nos. 0009 and 0010). Amerbelle Corporation had previously submitted a request to the Commissioner seeking a 120-day extension of the compliance date until February 1, 2004, however the company did not complete this testing, following a vote by Amerbelle's Board of Directors in November, 2003, to close the facility by the end of January 2004. Amerbelle did not close in January in light of my client's proposal to purchase Amerbelle's assets and the strong support that we have received from the Town of Vernon. In order to help it become viable, Amerbelle Textiles LLC requests that the emission testing requirements be deferred to allow until April 1, 2006, to conduct the boiler stack emission testing. This would simply preserve the status quo for two additional years.

- It is also requested that the Department modify certain terms of the draft renewal permit for State Pretreatment Permit No. SP0000599. Section 7 of the draft permit includes two new study requirements: (1) to identify sources of nitrogen in the discharge and assess the use of alternative processes to reduce such sources; and (2) to evaluate alternatives to reduce or eliminate aquatic toxicity in stormwater at the site. Amerbelle Textiles LLC would like to extend the time to conduct such studies from 6 months to a year. These extensions of the proposed compliance dates will help provide the new owner sufficient time to take over the operations, stabilize the company's financial position, and move forward.

I am aware of two additional issues with which we will need the Department's assistance. First, in December 2003, Amerbelle Corporation received a Notice of Violation (NOV) from the Water Management Bureau. A number of the issues raised by the NOV related to water discharge sampling methodologies. Amerbelle Corporation responded to the NOV, in part, by suggesting some revisions to sampling procedures. Some of the suggested revisions may require changes to the Pre-treatment permit, which will soon be proposed for issuance. We request that Department review the response to the NOV and, to the extent possible, agree to make the suggested revisions during the permit renewal process.

Second, we understand that the Department may suggest changes to the copper limits in the facility's non-contact cooling water NPDES permit. Any changes that would lead to new copper limits could substantially affect the new company's ability to discharge non-contact

cooling water. Earlier this week, the U.S. Environmental Protection Agency announced that it was extending the comment period to accept additional scientific comment on updated aquatic life criteria for copper. 69 Fed. Reg. 11012 (March 9, 2004). In light of the ongoing review of the appropriate criteria, and the new owner's need to stabilize the company's financial conditions in the short term, we request that any new copper limitations for the non-contact cooling water be deferred, at least until the new aquatic criteria is established. As with our other requests, this will simply maintain the status quo and provide the time that will be needed to make the other investments that are necessary to preserve and improve operations over the long term.

If this transaction is consummated, it is expected to close on or about March 31, 2004. It is important for us to understand the Department's position on the above issues sufficiently before March 31st, so that the prospective purchaser can take the Department's position into account in deciding whether or not to proceed. Thank you very much for your consideration.

Respectfully submitted,

Mark R. Sussman

cc. Jane Stahl
William R. Horowitz
Douglas Rimsky
Laurence Shaffer, Town of Vernon
Joseph D. Courtney, Town of Vernon
John Donlon

APEX

APPENDIX F

City Directory, Topographic Maps, Sanborn Fire Insurance Map Documentation and Aerial Photographs

Daniels Management
98 East Main Street
Rockville, CT 06066

Inquiry Number: 3165469.4
September 13, 2011

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
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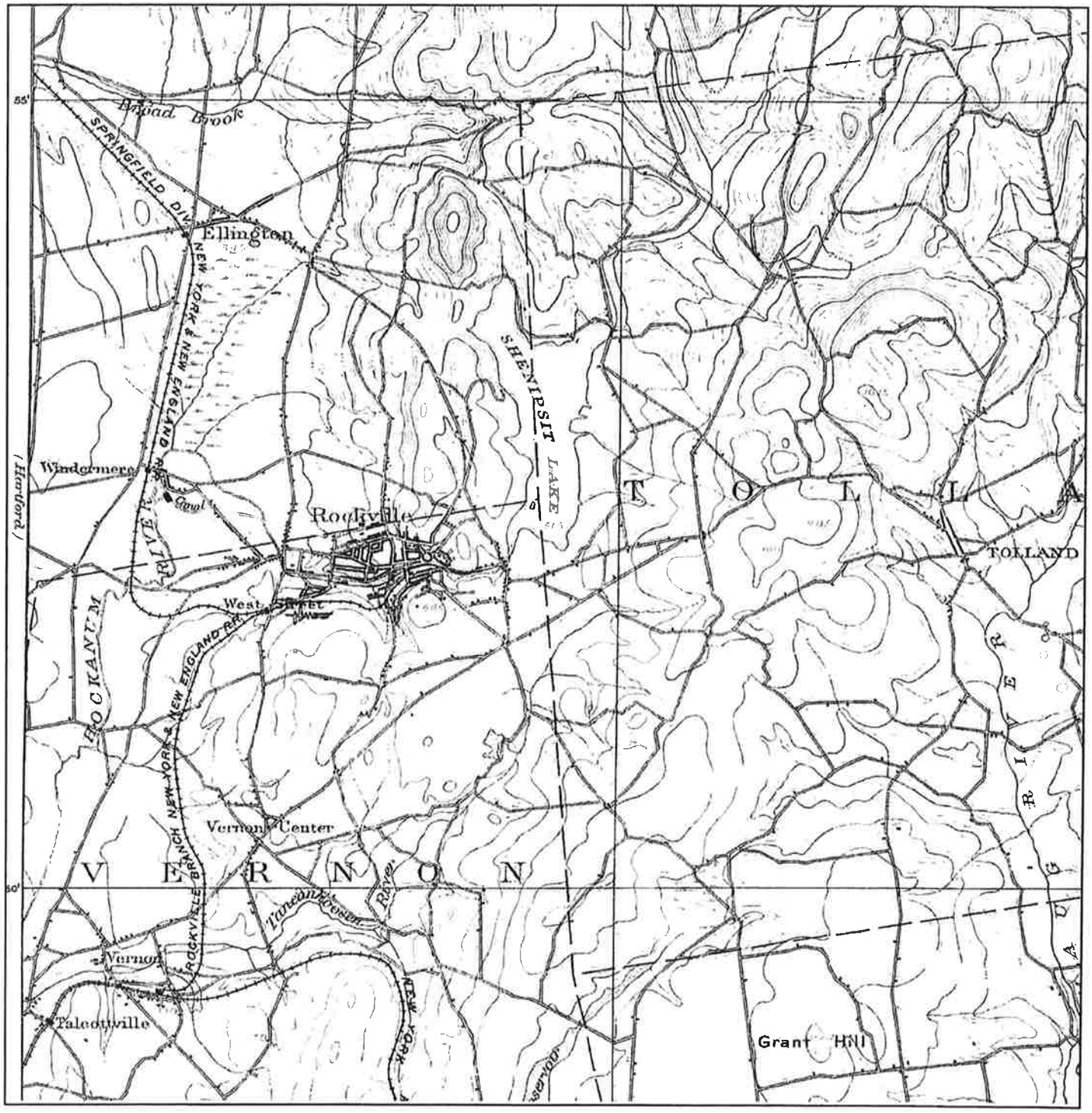
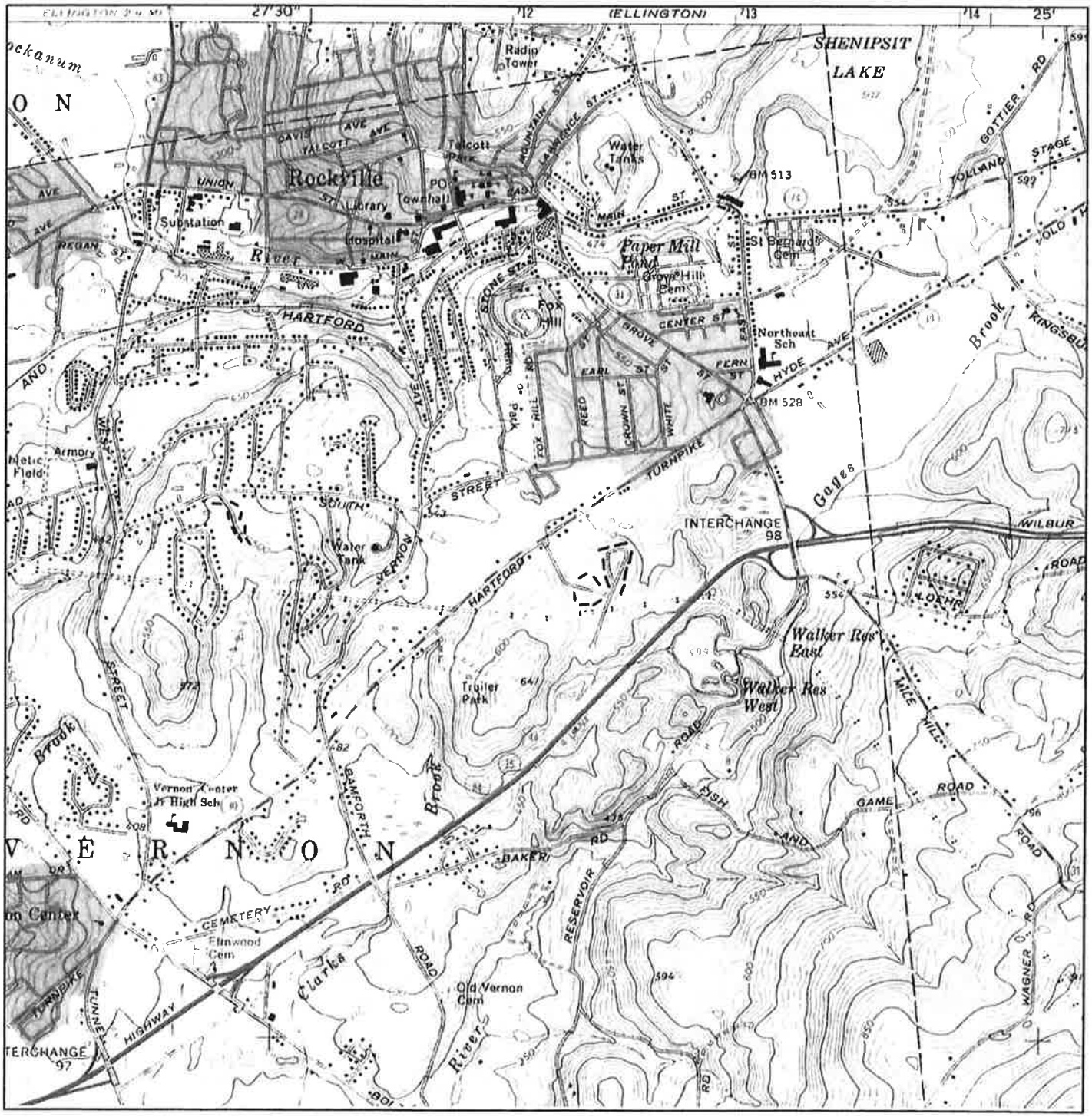
Historical Topographic Map



N	TARGET QUAD NAME: TOLLAND MAP YEAR: 1892 SERIES: 15 SCALE: 1:62500	SITE NAME: Daniels Management ADDRESS: 98 East Main Street Rockville, CT 06066 LAT/LONG: 41.868 / -72.4431	CLIENT: APEX Companies LLC CONTACT: Donna Kask INQUIRY#: 3165469.4 RESEARCH DATE: 09/13/2011

Historical Topographic Map

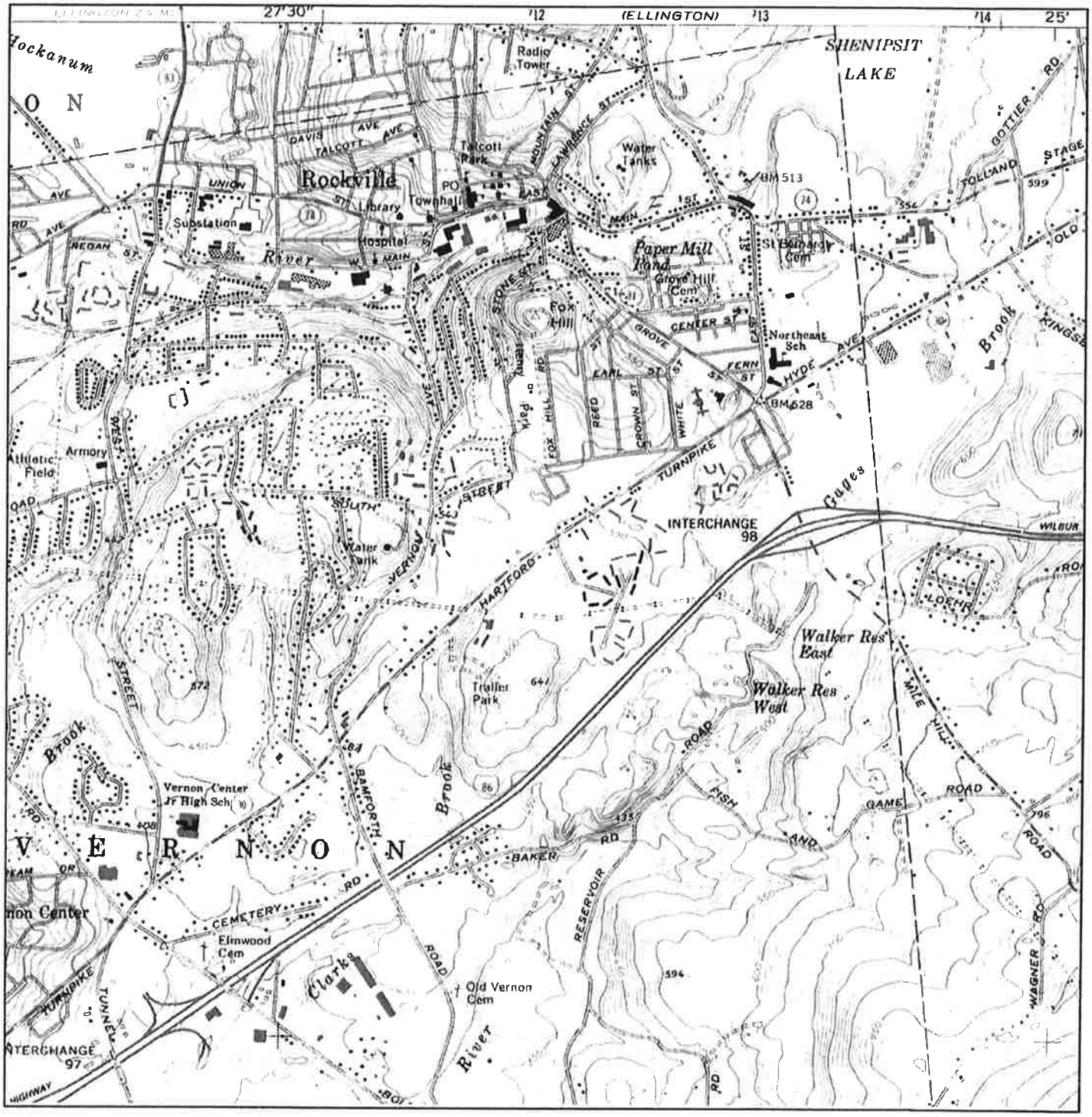


N	TARGET QUAD NAME: ROCKVILLE MAP YEAR: 1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Daniels Management ADDRESS: 98 East Main Street Rockville, CT 06066 LAT/LONG: 41.868 / -72.4431	CLIENT: APEX Companies LLC CONTACT: Donna Kask INQUIRY#: 3165469.4 RESEARCH DATE: 09/13/2011

Historical Topographic Map

N	TARGET QUAD NAME: ROCKVILLE MAP YEAR: 1972 PHOTOREVISED:1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Daniels Management ADDRESS: 98 East Main Street Rockville, CT 06066 LAT/LONG: 41.868 / -72.4431	CLIENT: APEX Companies LLC CONTACT: Donna Kask INQUIRY#: 3165469.4 RESEARCH DATE: 09/13/2011

Historical Topographic Map



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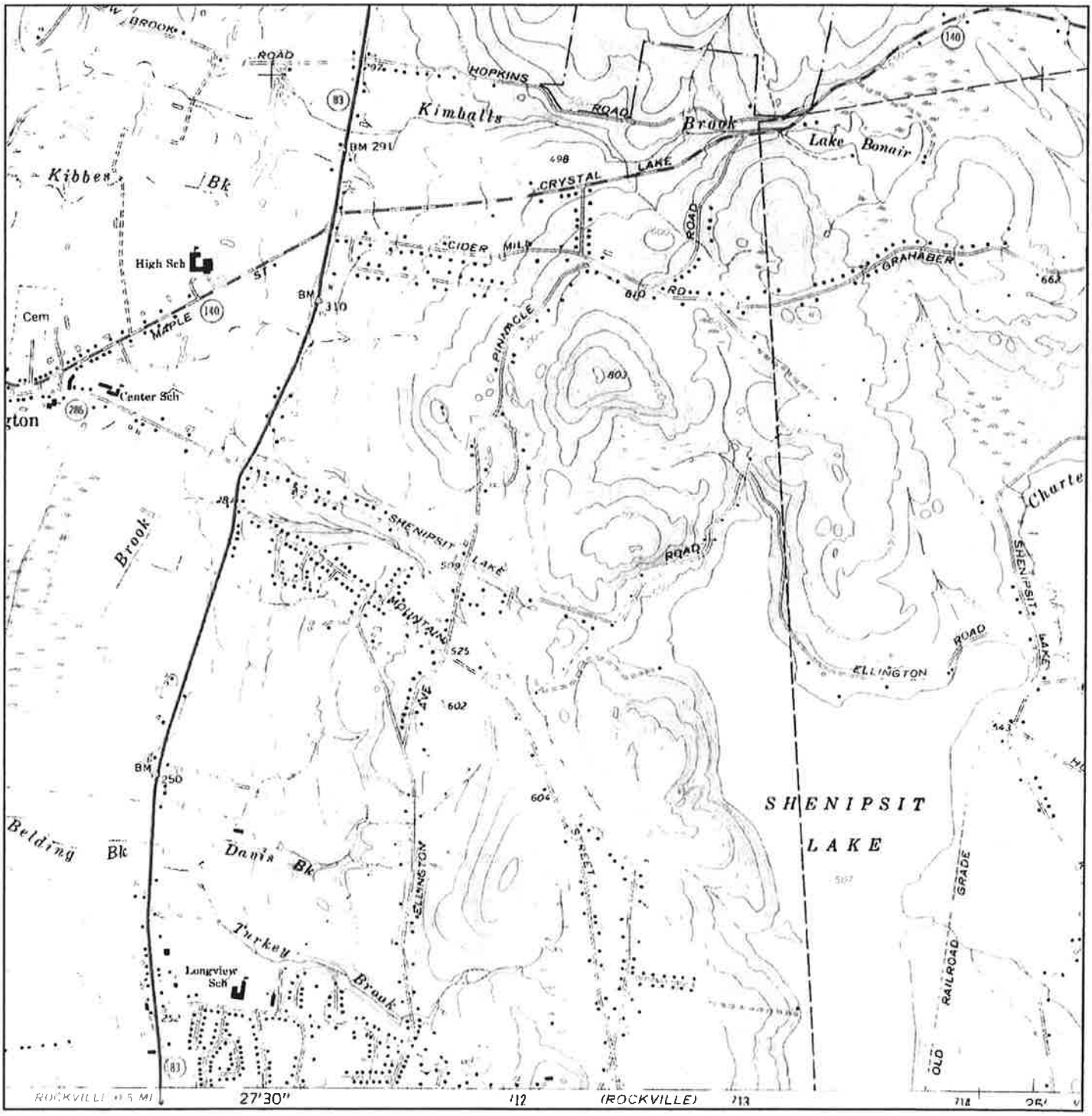
Historical Topographic Map



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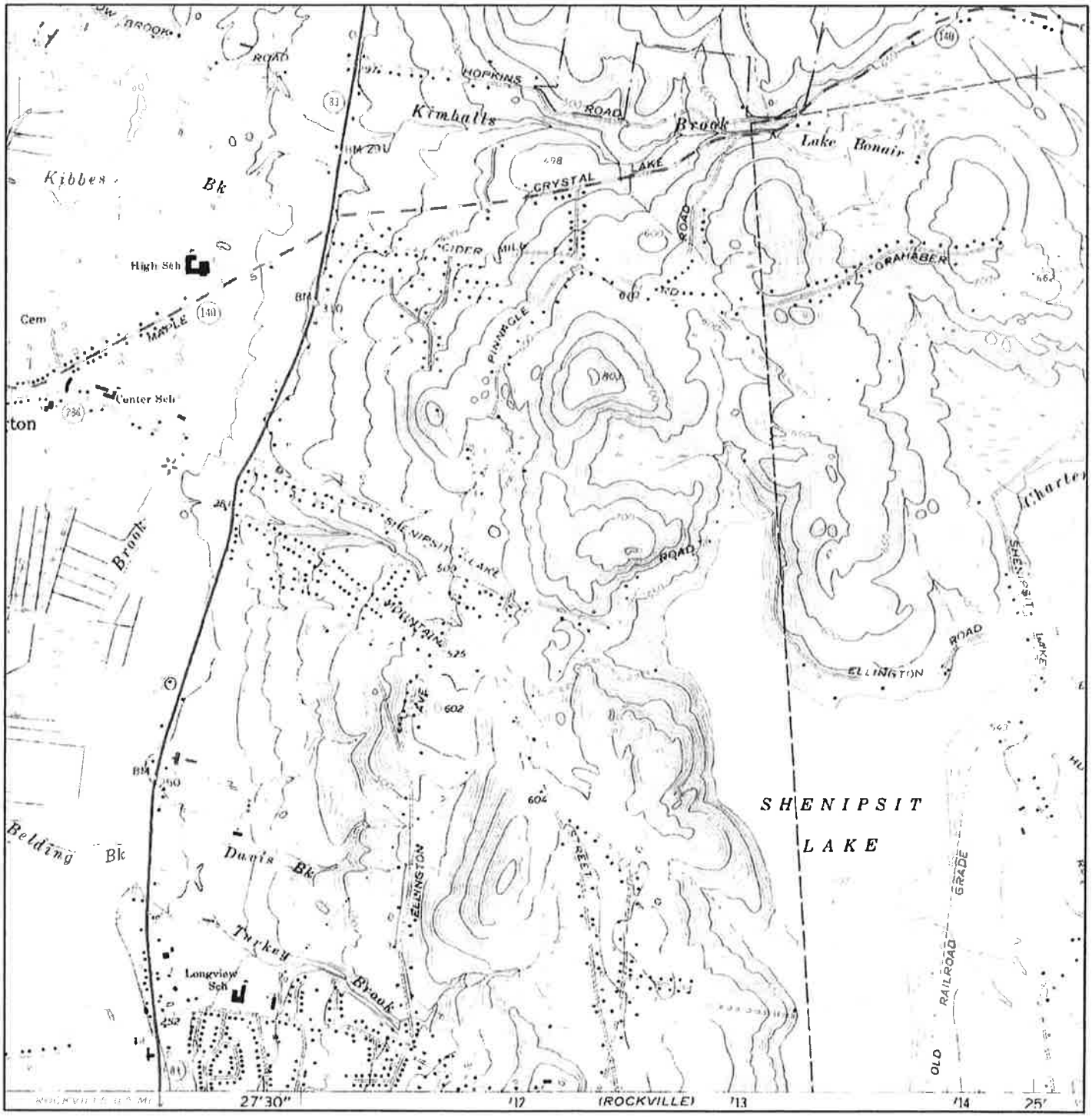
Historical Topographic Map



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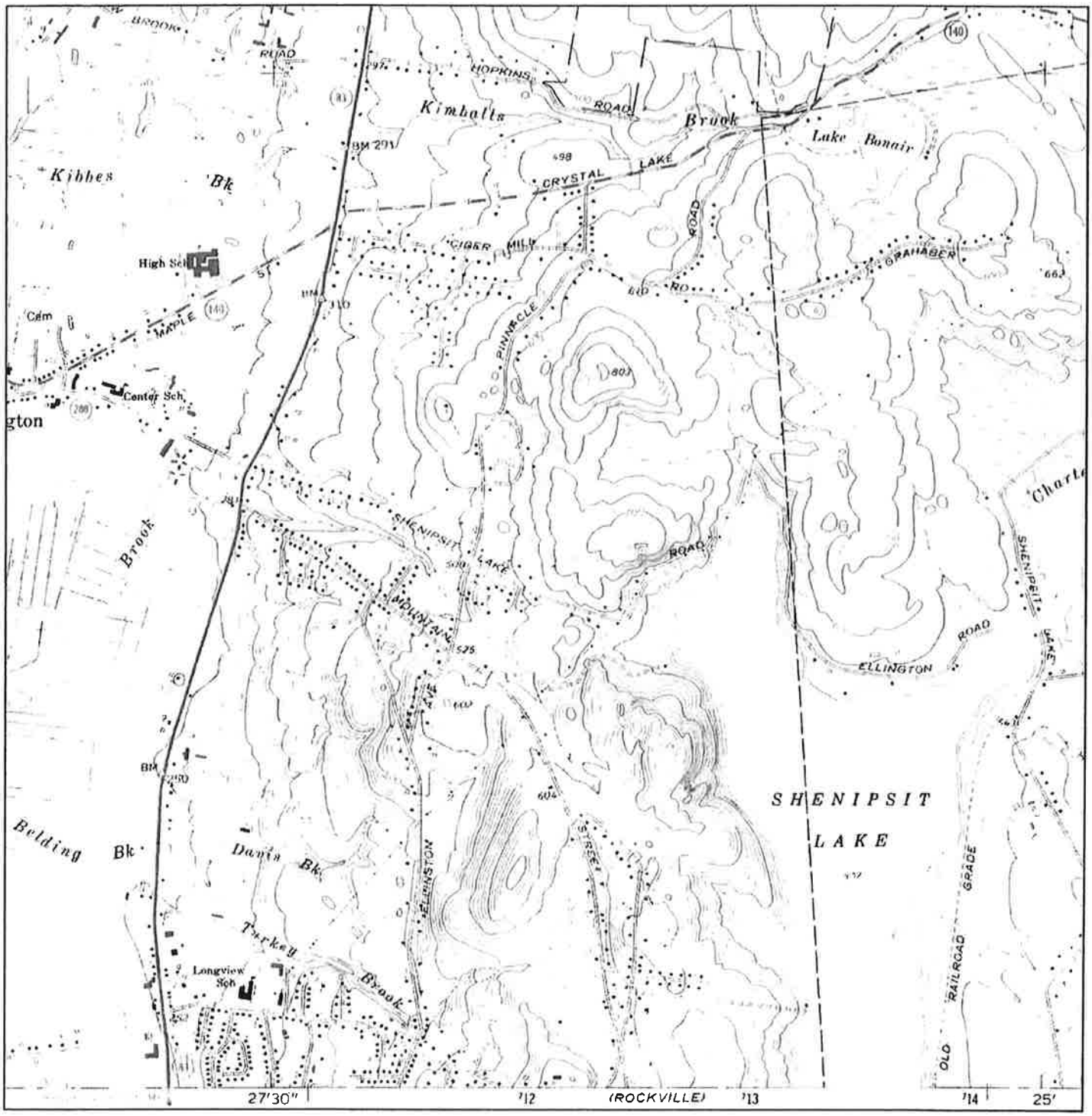
Historical Topographic Map



N	ADJOINING QUAD NAME: ELLINGTON MAP YEAR: 1984 PHOTOREVISED:1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Daniels Management ADDRESS: 98 East Main Street Rockville, CT 06066 LAT/LONG: 41.868 / -72.4431	CLIENT: APEX Companies LLC CONTACT: Donna Kask INQUIRY#: 3165469.4 RESEARCH DATE: 09/13/2011

Daniels Management
98 East Main Street
Rockville, CT 06066

Inquiry Number: 3165469.6
September 16, 2011

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

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Executive Summary

Findings

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
1987	Johnson's City Directory	X	X	X	-
1970	Price & Lee's City Directory	X	X	X	-
1966	Price & Lee's City Directory	X	X	X	-
1962	Price & Lee's City Directory	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

98 East Main Street
Rockville, CT 06066

FINDINGS DETAIL

Target Property research detail.

Year	Uses	Source
1987	A1 Enterprises	Johnson's City Directory
	C&C Products Inc	Johnson's City Directory
	Cantor Sol Electrical Contractors Inc	Johnson's City Directory
	Daniel's Warehouse Inc	Johnson's City Directory
	Furncace Brokers Inc	Johnson's City Directory
	Hockanum Salvage Inc	Johnson's City Directory
1970	Albi Mfg Co Inc Paints	Price & Lee's City Directory
	Double B Products Co Paint mfrs	Price & Lee's City Directory
	Gessays Outboard Shop	Price & Lee's City Directory
	Sport Center	Price & Lee's City Directory
1966	Albi Mfg Co Inc Paints	Price & Lee's City Directory
	Double B Products Co (paint mfrs)	Price & Lee's City Directory
1962	Albi Mfg Co Inc Paints	Price & Lee's City Directory
	Conversion Chemical Corp	Price & Lee's City Directory
	Double B Products Co (paint mfrs)	Price & Lee's City Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

East Main Street

104 East Main Street

Year	Uses	Source
1987	Amerbelle Corporation	Johnson's City Directory
	Challenge Sailcloth	Johnson's City Directory
1970	Amerbelle Corporation Textile Dyers	Price & Lee's City Directory
1966	Amerbelle Corporation Textile Dyers	Price & Lee's City Directory
1962	Amerbelle Corporation Textile Dyers	Price & Lee's City Directory

113 East Main Street

Year	Uses	Source
1987	Residential	Johnson's City Directory
1970	Residential	Price & Lee's City Directory
1966	Residential	Price & Lee's City Directory
1962	Residential	Price & Lee's City Directory

114 East Main Street

Year	Uses	Source
1987	Elm Motors Inc	Johnson's City Directory
1970	Mattesen Motors Inc	Price & Lee's City Directory
1966	Mattesen Motors Inc	Price & Lee's City Directory
1962	Auto center Auto Repairs	Price & Lee's City Directory

91 East Main Street

Year	Uses	Source
1987	Residential	Johnson's City Directory
1970	Residential	Price & Lee's City Directory
1966	Residential	Price & Lee's City Directory
1962	Residential	Price & Lee's City Directory

93 East Main Street

Year	Uses	Source
1987	Displays Unlimited	Johnson's City Directory
1970	New England Display Service	Price & Lee's City Directory
1966	New England Display Service	Price & Lee's City Directory

FINDINGS

95 East Main Street

Year	*Uses*	*Source*
1987	No Return	Johnson's City Directory
1966	Red Men's Club	Price & Lee's City Directory
1962	I O R M Hall	Price & Lee's City Directory

97 East Main Street

Year	*Uses*	*Source*
1970	Residential	Price & Lee's City Directory
1966	Vacant	Price & Lee's City Directory
1962	Vacant	Price & Lee's City Directory

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
104 East Main Street	No Years Found
113 East Main Street	No Years Found
114 East Main Street	No Years Found
91 East Main Street	No Years Found
93 East Main Street	1962
95 East Main Street	1970
97 East Main Street	No Years Found

Daniels Management
98 East Main Street
Rockville, CT 06066

Inquiry Number: 3165469.3
September 13, 2011

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Certified Sanborn® Map Report

9/13/11

Site Name:
Daniels Management
98 East Main Street
Rockville, CT 06066

Client Name:
APEX Companies LLC
58 H Connecticut Avenue
South Windsor, CT 06074

EDR® Environmental Data Resources Inc

EDR Inquiry # 3165469.3

Contact: Donna Kask

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by APEX Companies LLC were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Daniels Management
Address: 98 East Main Street
City, State, Zip: Rockville, CT 06066
Cross Street:
P.O. # 6036-001
Project: 6036-001
Certification # 50A2-44AD-A350

Sanborn® Library search results
Certification # 50A2-44AD-A350

Maps Provided:

1961	1892
1946	1885
1921	
1911	
1903	
1897	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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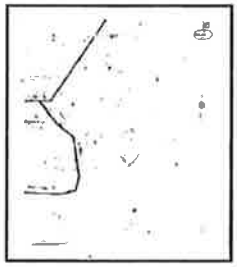
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1961 Source Sheets

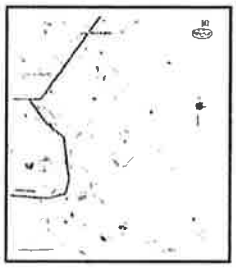
Volume 1, Sheet 5



Volume 1, Sheet 10

1946 Source Sheets

Volume 1, Sheet 5



Volume 1, Sheet 10

1921 Source Sheets

Volume 1, Sheet 5

Volume 1, Sheet 10

1911 Source Sheets

Volume 1, Sheet 5

Volume 1, Sheet 6

1903 Source Sheets

Volume 1, Sheet 5

Volume 1, Sheet 6

1897 Source Sheets

Volume 1, Sheet 2

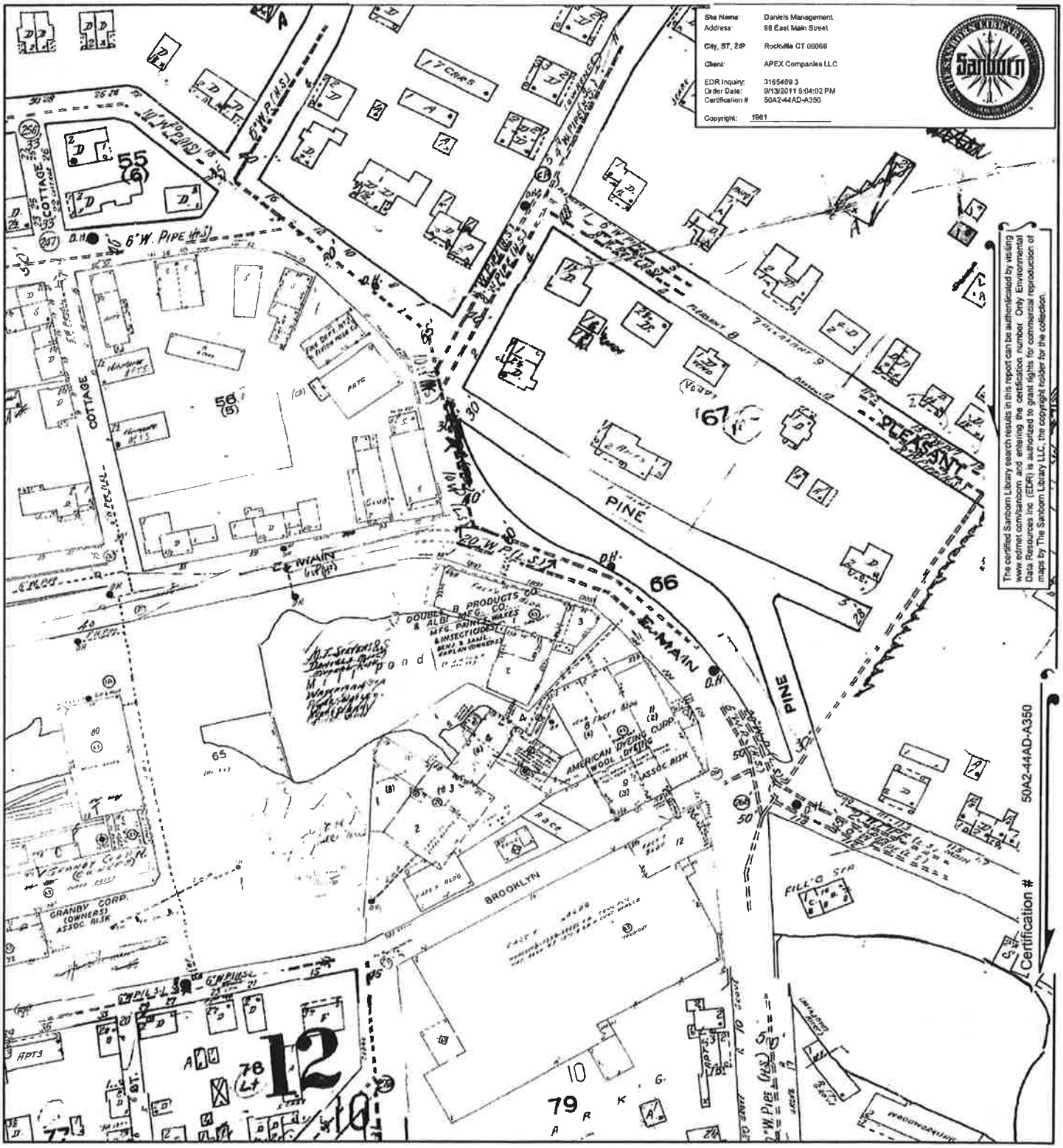
1892 Source Sheets

Volume 1, Sheet 2

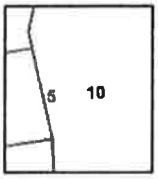
1885 Source Sheets

Volume 1, Sheet 2

1961 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

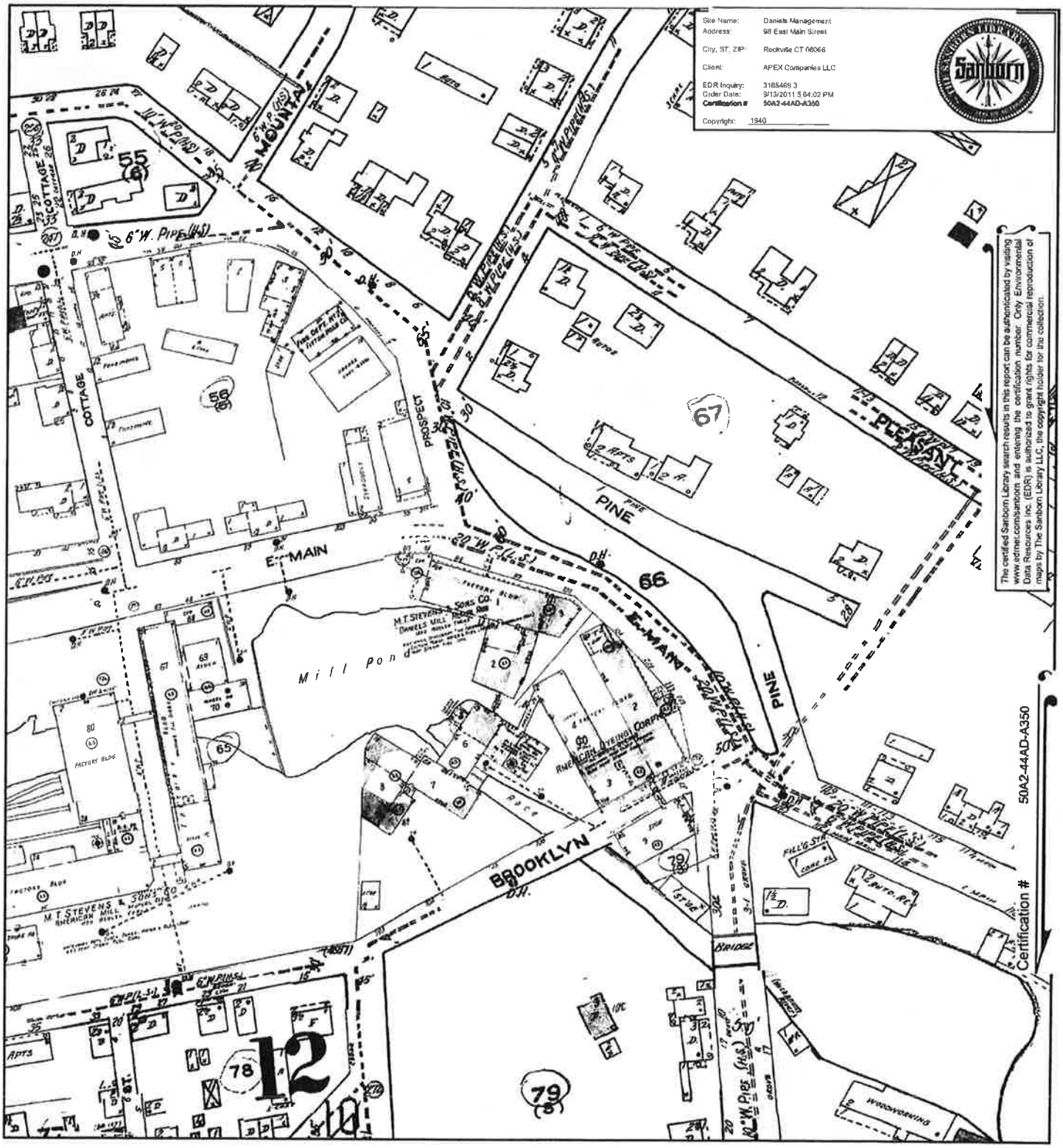


Volume 1, Sheet 5
Volume 1, Sheet 10

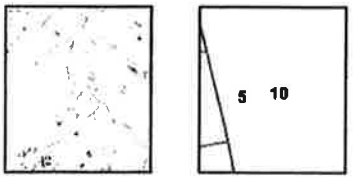
0 Feet 150 300 600

N

1946 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

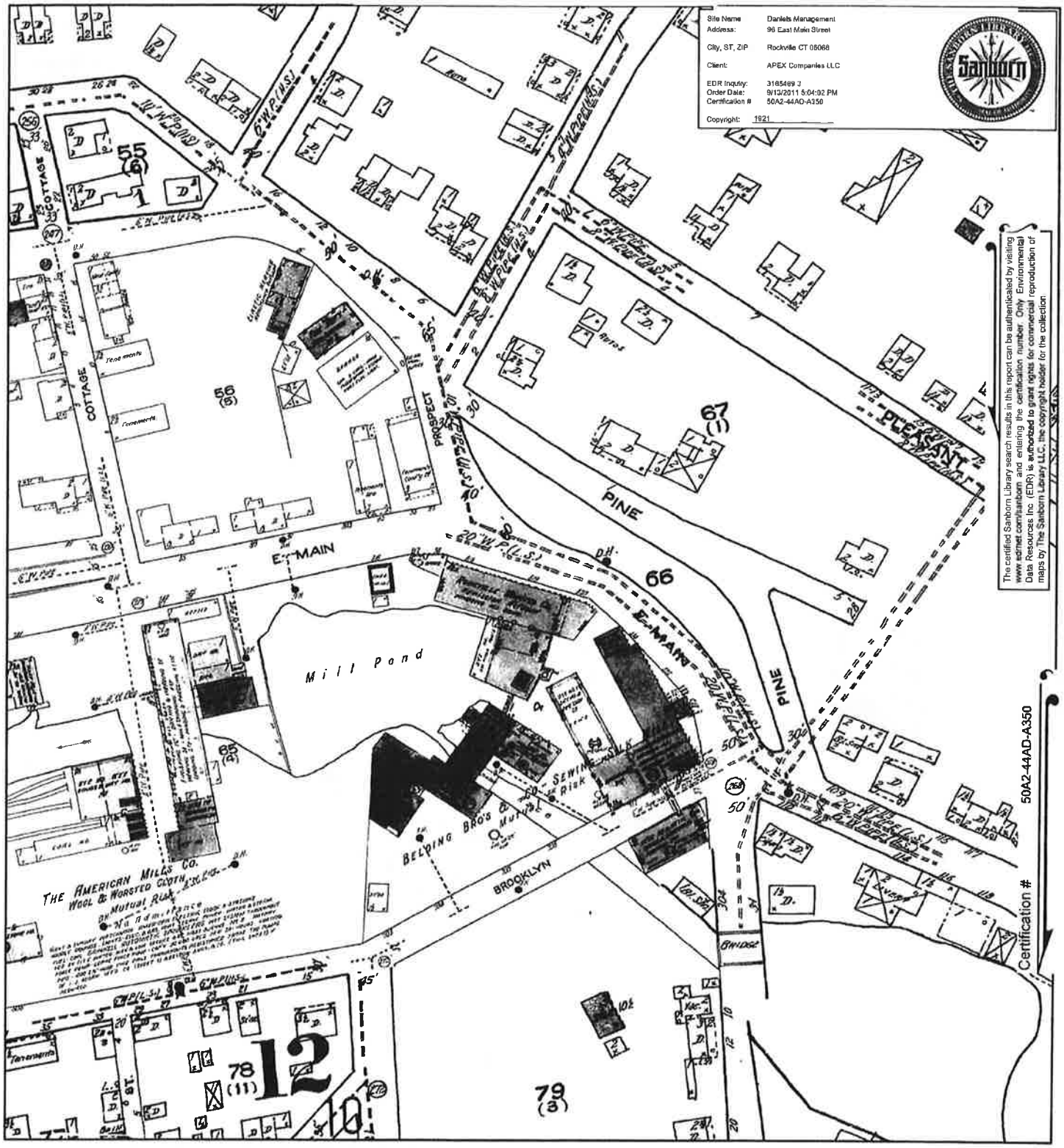


Volume 1, Sheet 5
Volume 1, Sheet 10

0 Feet 150 300 600

N

1921 Certified Sanborn Map



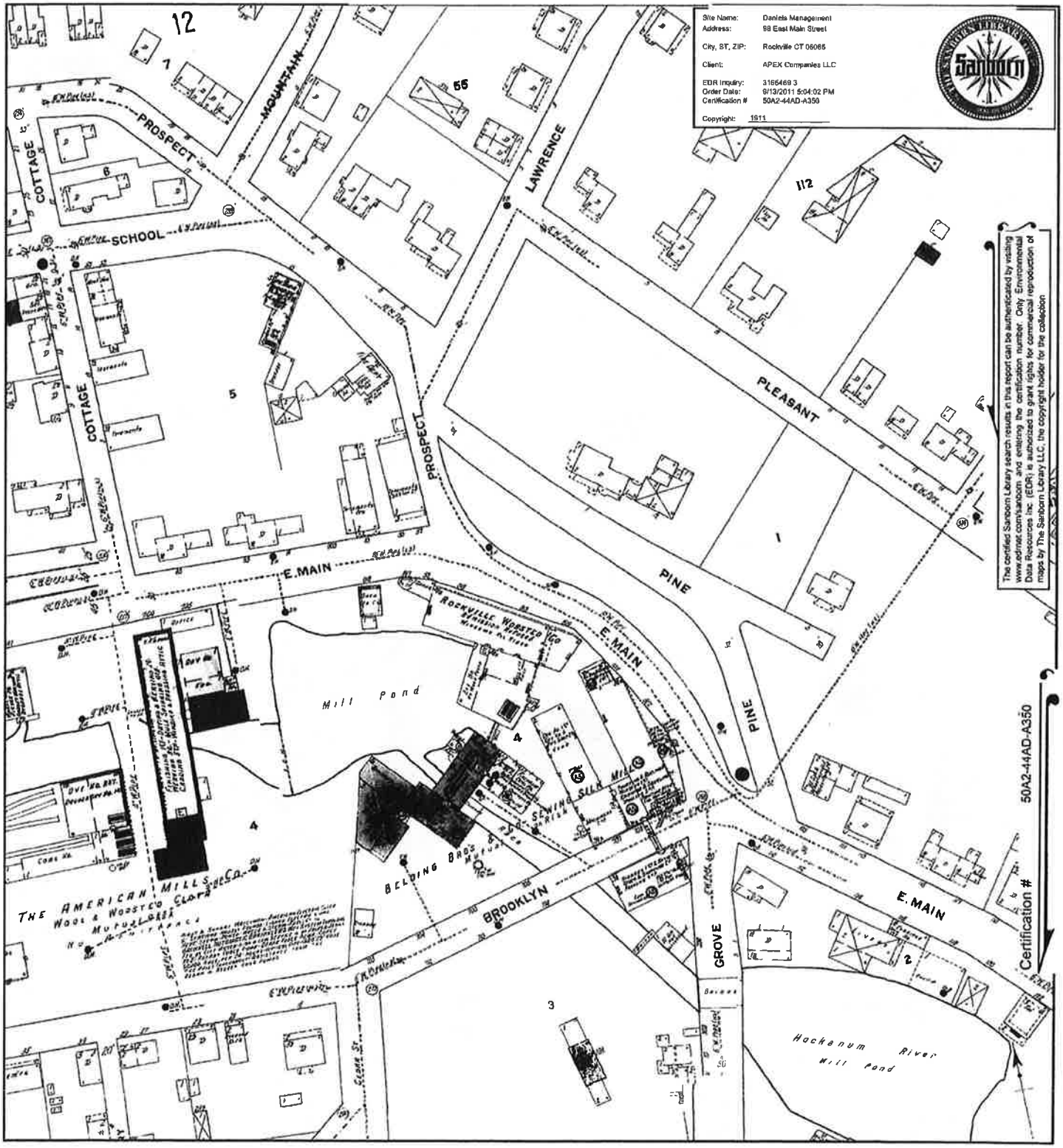
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 5
Volume 1, Sheet 10

0 Feet 150 300 600

N

1911 Certified Sanborn Map



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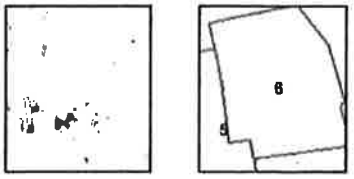
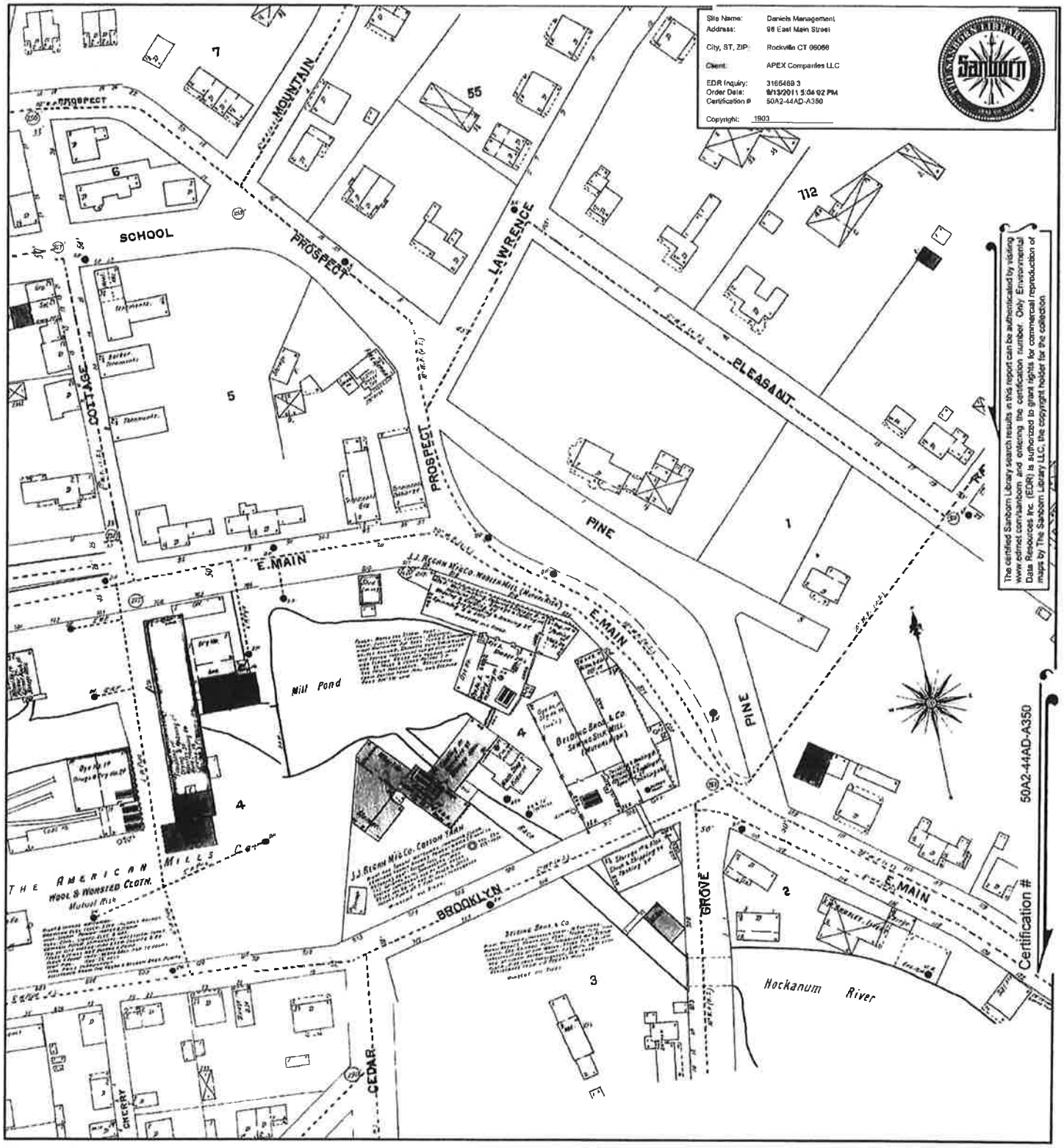


Volume 1, Sheet 5
Volume 1, Sheet 6

0 Feet 150 300 600

N

1903 Certified Sanborn Map



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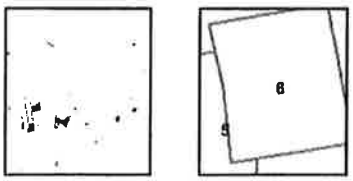

Volume 1, Sheet 5
Volume 1, Sheet 6

0 Feet 150 300 600

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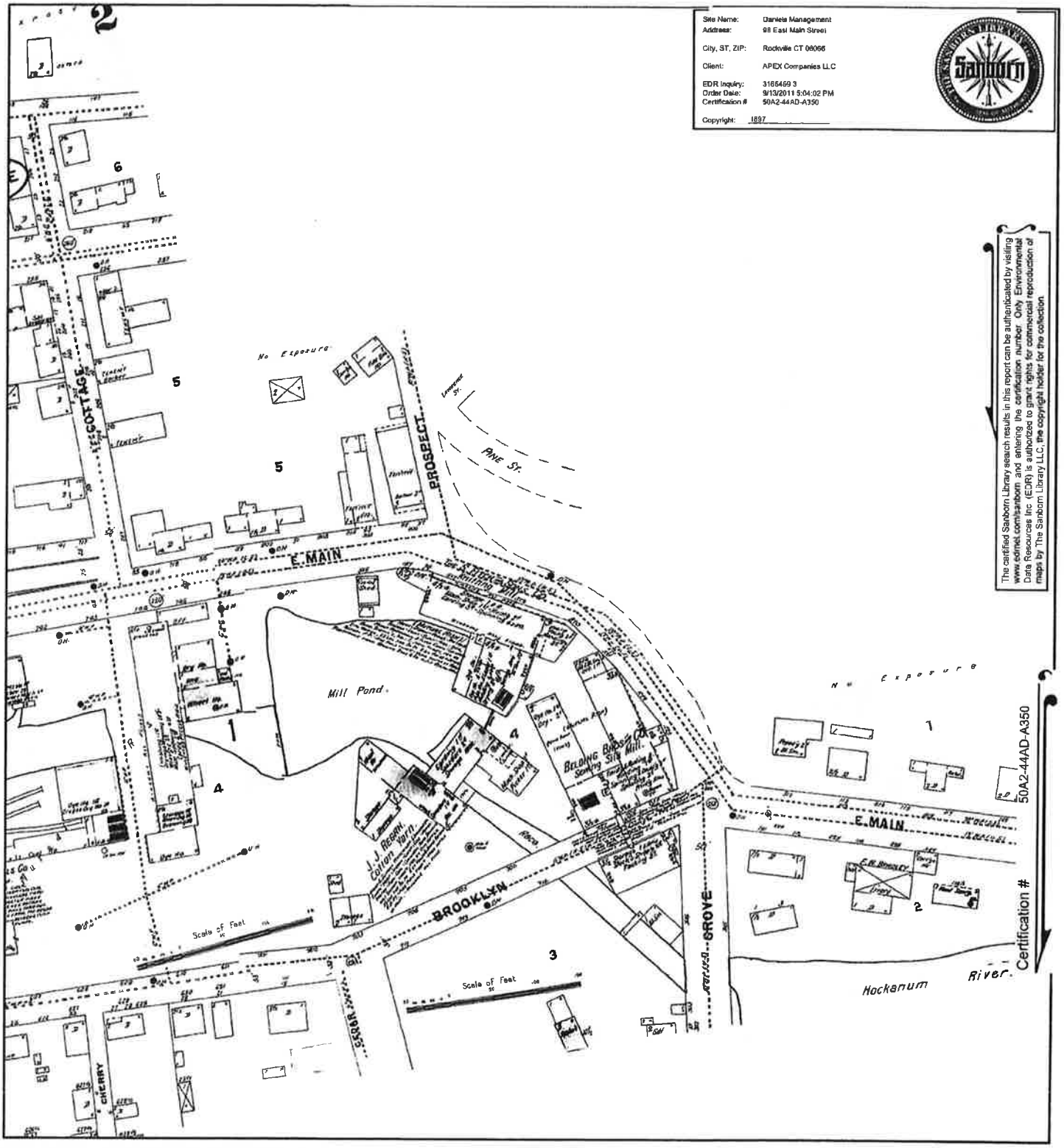
1897 Certified Sanborn Map



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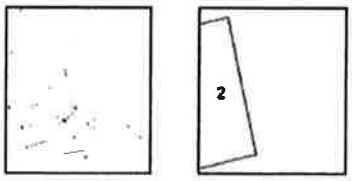

Volume 1, Sheet 2

0 Feet 150 300 600

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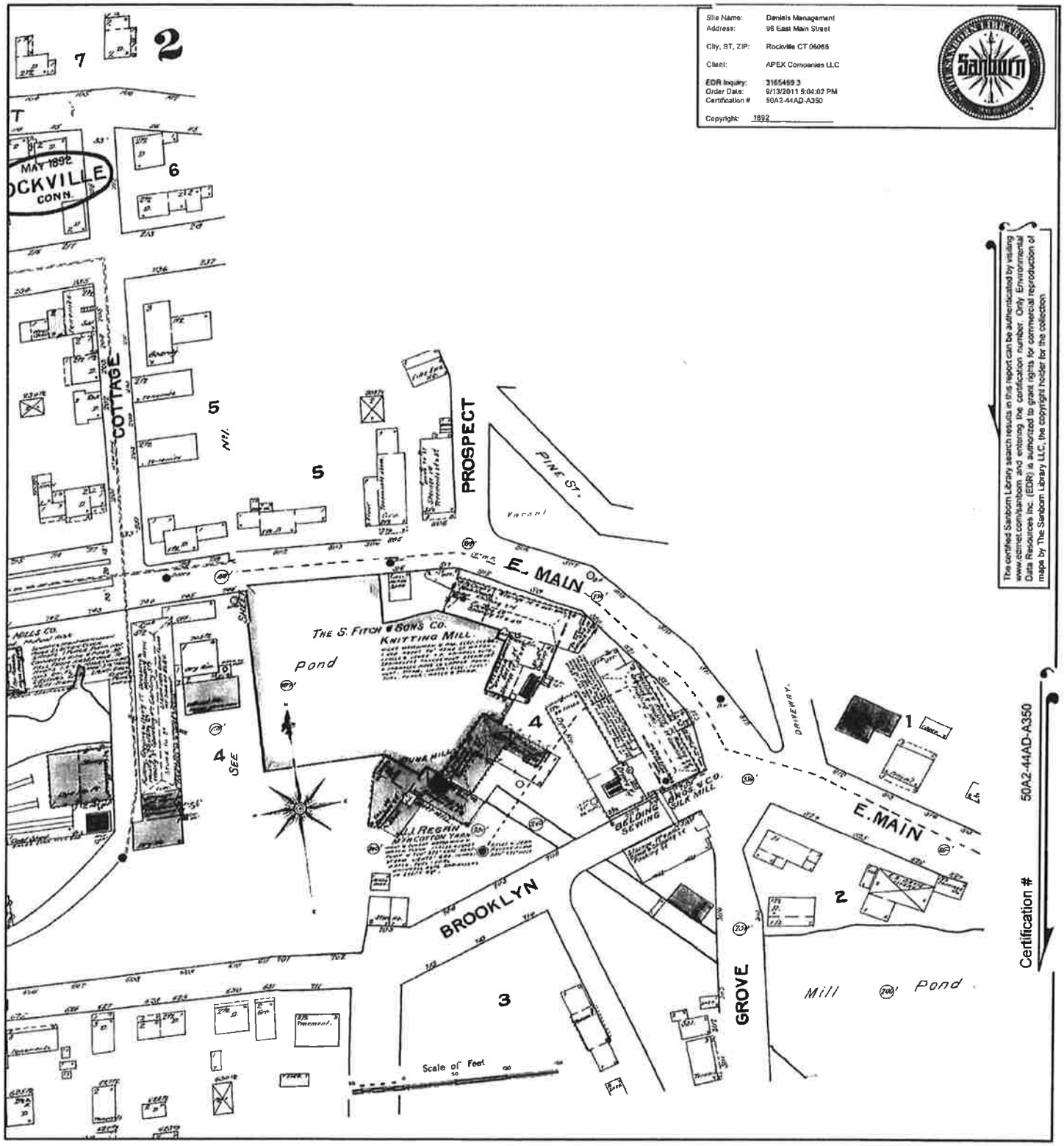
1892 Certified Sanborn Map



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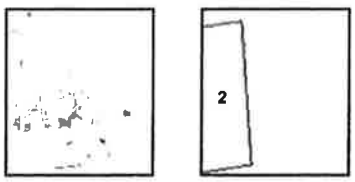
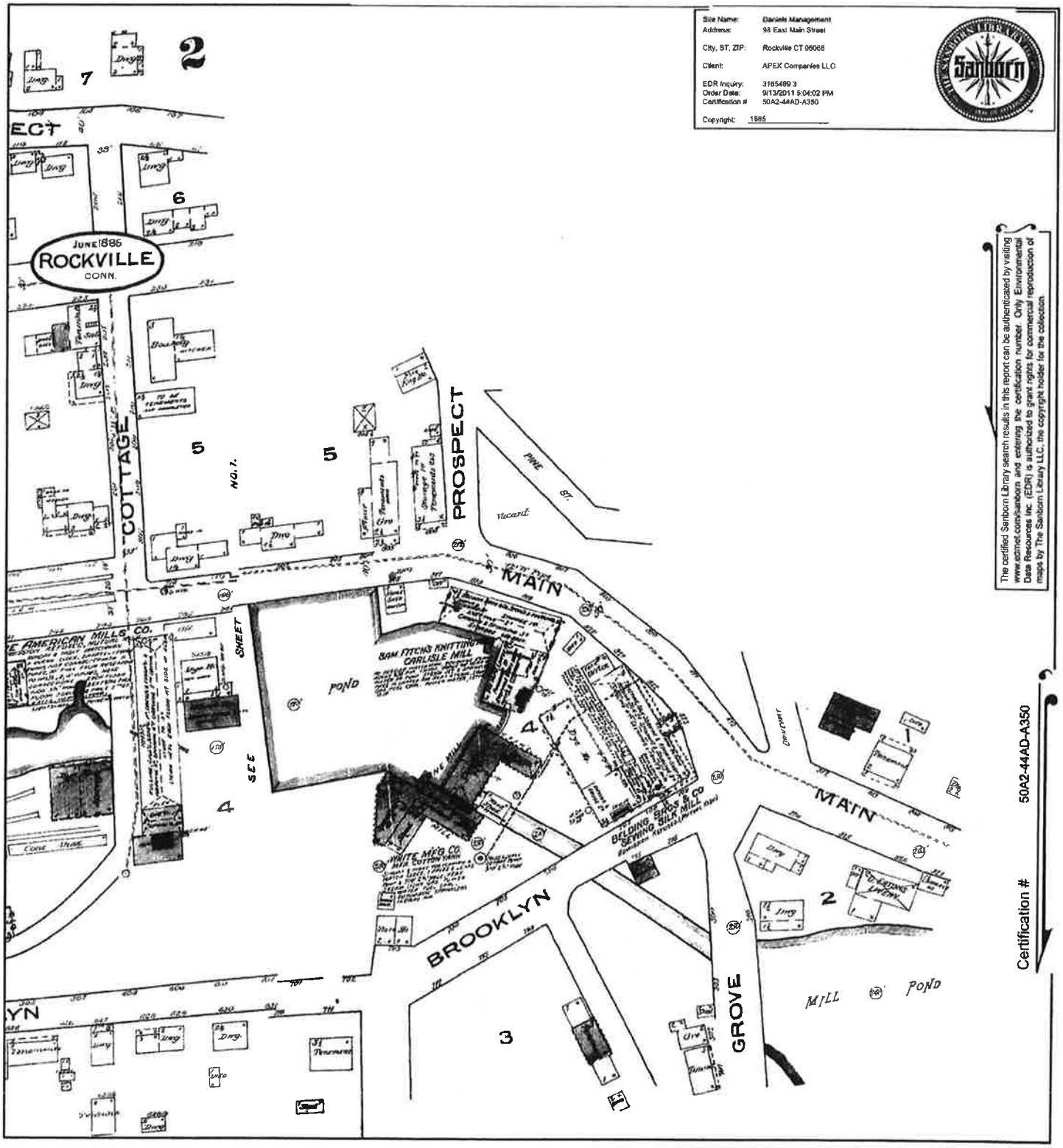


Volume 1, Sheet 2

0 Feet 150 300 600

N

1885 Certified Sanborn Map



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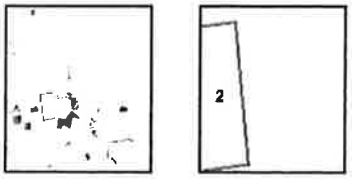

Volume 1, Sheet 2

0 Feet 150 300 600

Daniels Management
98 East Main Street
Rockville, CT 06066

Inquiry Number: 3165469.5
September 15, 2011

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

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

EDR Aerial Photo Decade Package

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:
Aerial Photography September 15, 2011

Target Property:
98 East Main Street
Rockville, CT 06066

Year	Scale	Details	Source
1941	Aerial Photograph. Scale: 1"=750'	Panel #: 41072-G4, Rockville, CT;/Flight Date: November 12, 1941	EDR
1959	Aerial Photograph. Scale: 1"=1000'	Panel #: 41072-G4, Rockville, CT;/Flight Date: October 29, 1959	EDR
1962	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G4, Rockville, CT;/Flight Date: April 21, 1962	EDR
1965	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G4, Rockville, CT;/Flight Date: April 03, 1965	EDR
1972	Aerial Photograph. Scale: 1"=1000'	Panel #: 41072-G4, Rockville, CT;/Flight Date: May 12, 1972	EDR
1980	Aerial Photograph. Scale: 1"=1000'	Panel #: 41072-G4, Rockville, CT;/Flight Date: March 19, 1980	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Panel #: 41072-G4, Rockville, CT;/Flight Date: March 25, 1985	EDR
1991	Aerial Photograph. Scale: 1"=500'	Panel #: 41072-G4, Rockville, CT;/Flight Date: April 01, 1991	EDR
1990,1991	Aerial Photograph. Scale: 1"=604'	Panel #: 41072-G4, Rockville, CT;/Composite DOQQ - acquisition dates: April 23, 1990,March 31, 1991	EDR
1997	Aerial Photograph. Scale: 1"=750'	Panel #: 41072-G4, Rockville, CT;/Flight Date: March 24, 1997	EDR
2005	Aerial Photograph. Scale: 1"=604'	Panel #: 41072-G4, Rockville, CT;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=604'	Panel #: 41072-G4, Rockville, CT;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=604'	Panel #: 41072-G4, Rockville, CT;/Flight Year: 2008	EDR

INQUIRY #: 3165469.5

YEAR: 1941

= 750'

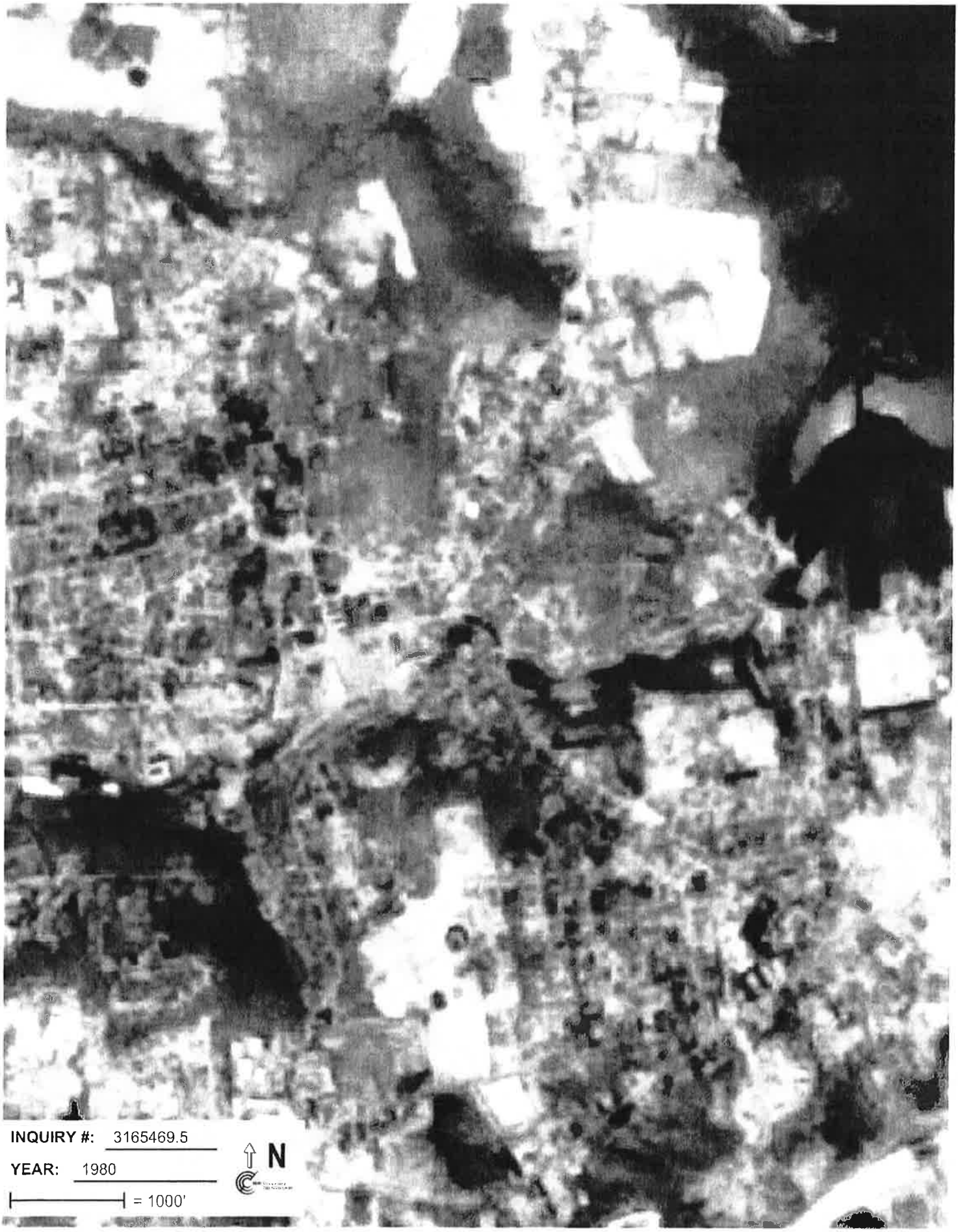
N

INQUIRY #: 3165469.5
YEAR: 1959
= 1000'
N

INQUIRY #: 3165469.5
YEAR: 1962
= 500'
N

INQUIRY #: 3165469.5
YEAR: 1965
= 500'
N

INQUIRY #: 3165469.5
YEAR: 1972
= 1000'
N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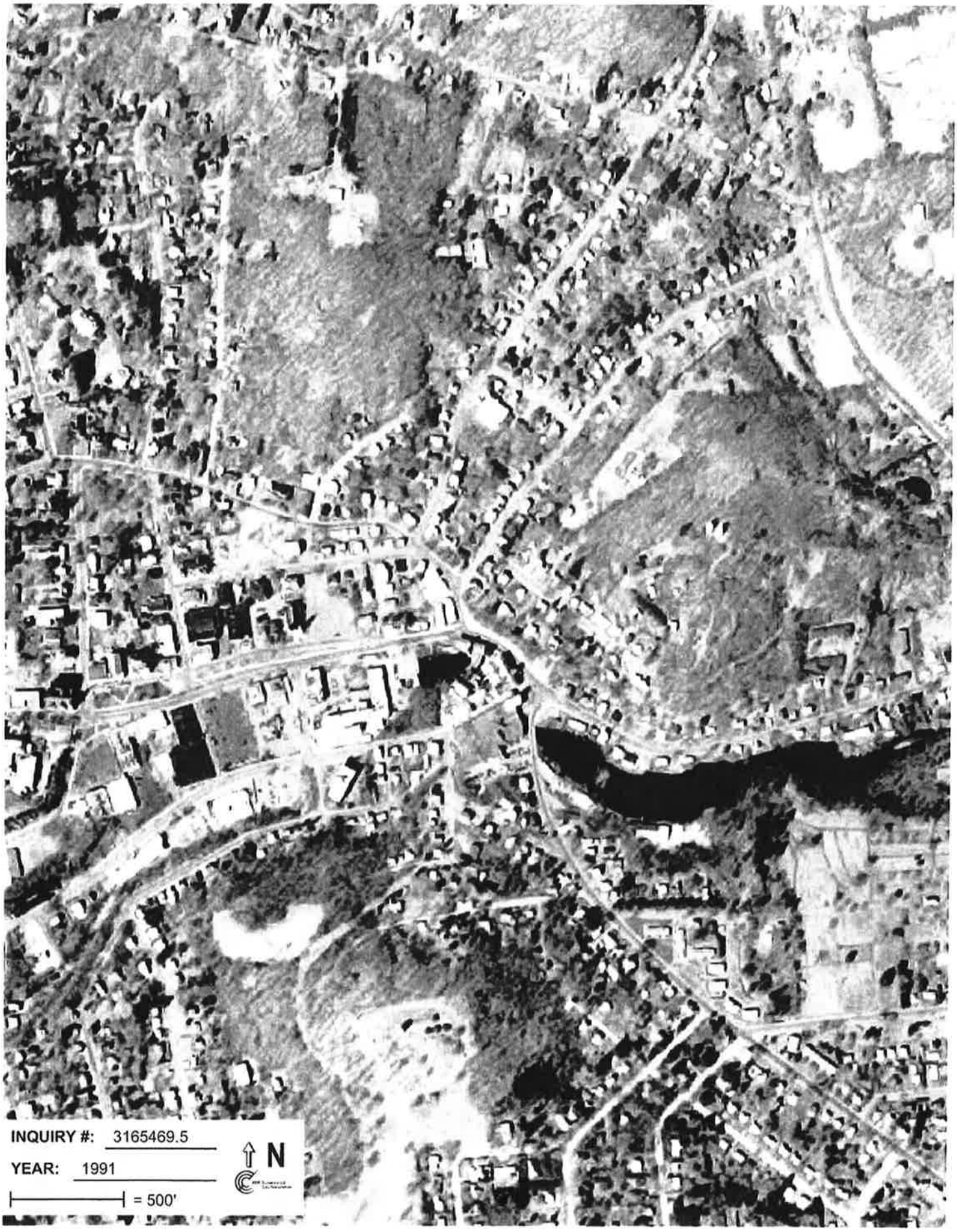
YEAR: 1980
= 1000'
N

INQUIRY #: 3165469.5
YEAR: 1985
= 1000'
N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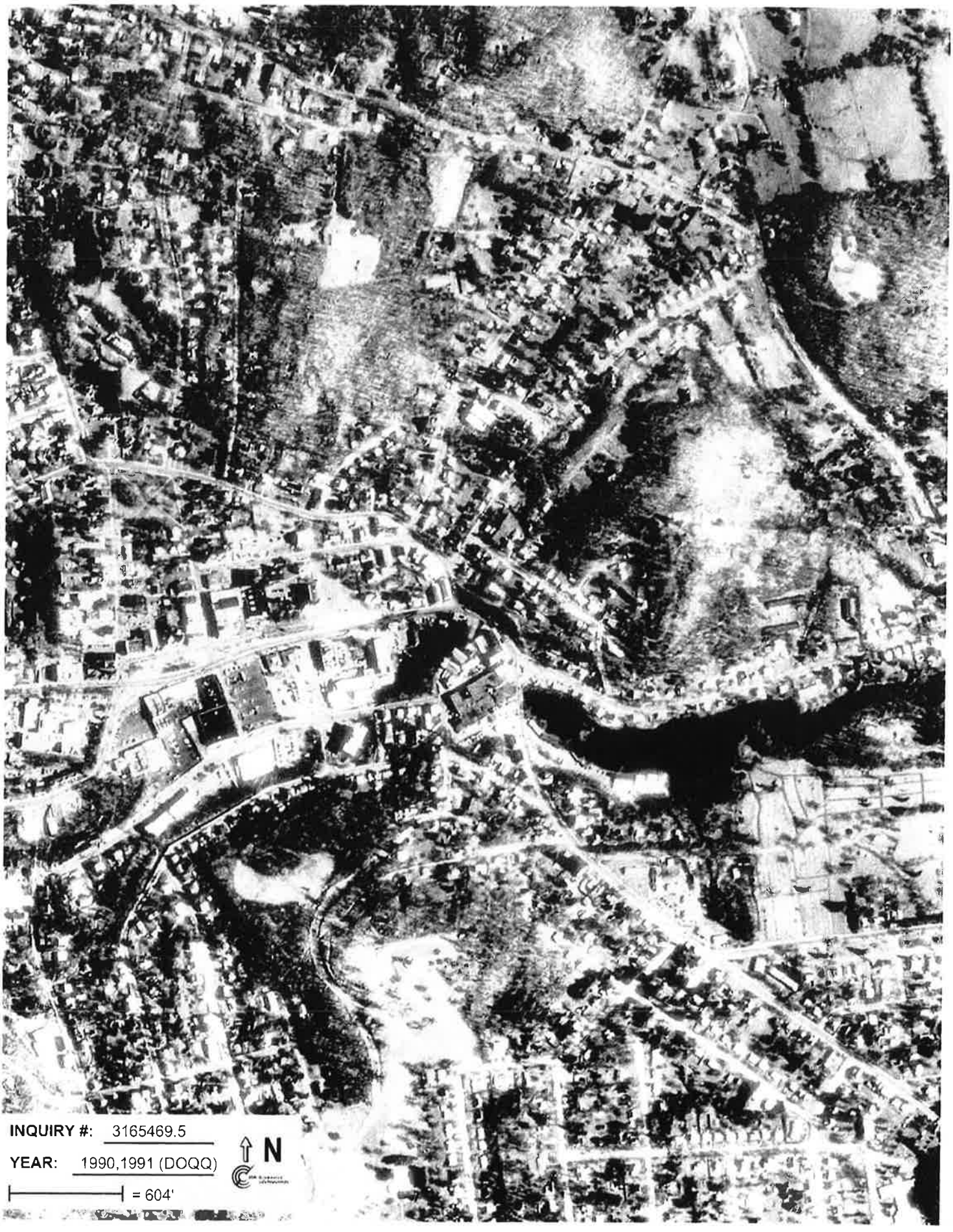
= 500'
N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= 750'
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YEAR: 2005
= 604'
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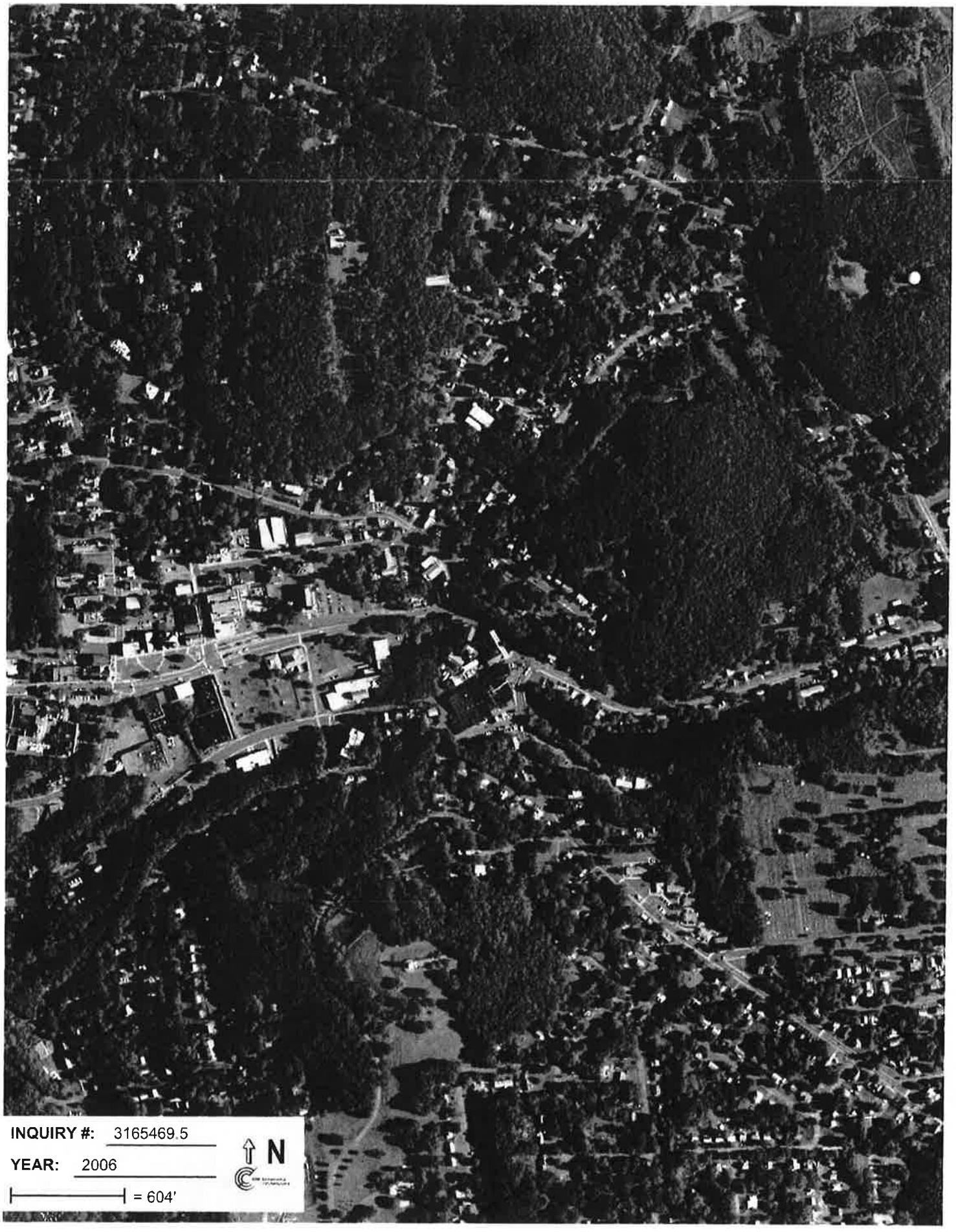
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= 604'
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INQUIRY #: 3165469.5
YEAR: 2008
= 604'
N

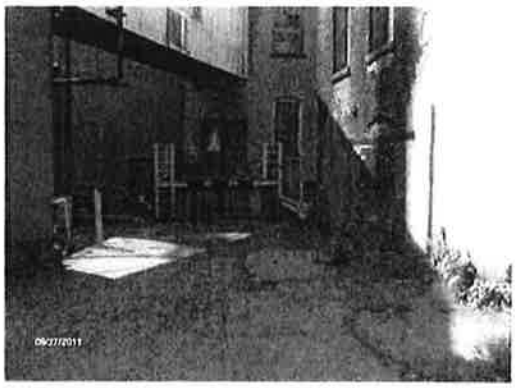
APPENDIX G

Site Photographs

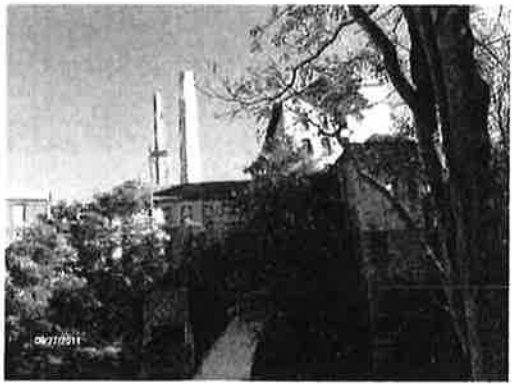
Subject Site, 98 East Main Street, western side of building and asphalt parking area.

Southern side of building, Ano-Coil Pond and portion of southern abutter, Amerbelle.

Subject Site, eastern side of building and eastern/southern abutter, Amerbelle.



Eastern side of building and loading dock associated with Amerbelle.



Southern abutting building, Amerbelle.

Residential and Shelter Services along north side of East Main Street.

Site loading dock, dumpster and cut asphalt area.

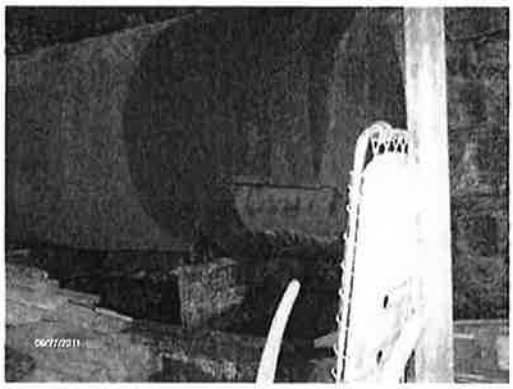
Materials and fork lift inside loading dock area.

Materials located in northeastern portion of building, former boiler room.

Potential UST area and fill ports abutting East Main Street.

Twelve (12) approximate 425-gallon ASTs located on exterior concrete platform along southern portion of building.

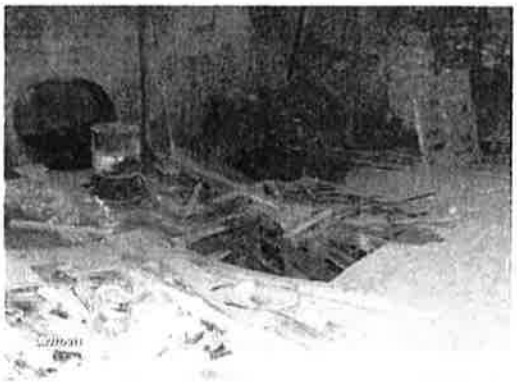
Text located on window panes located in-line with potential fill ports.



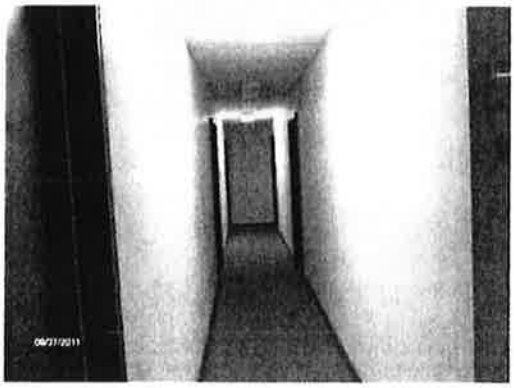
1,000-gallon AST located in northeastern corner of basement.

Empty drums and one unlabeled drum containing hydraulic fluid.

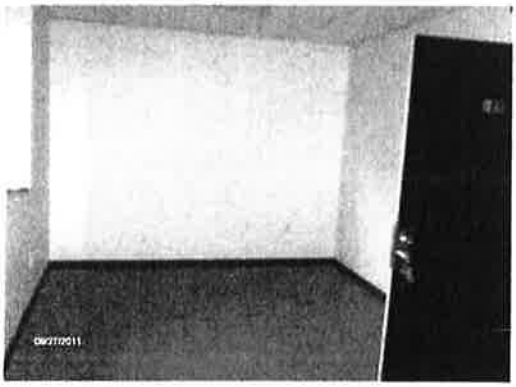
Empty drum and materials/debris located in basement.



Former water wheel and remnant turbine area in basement.

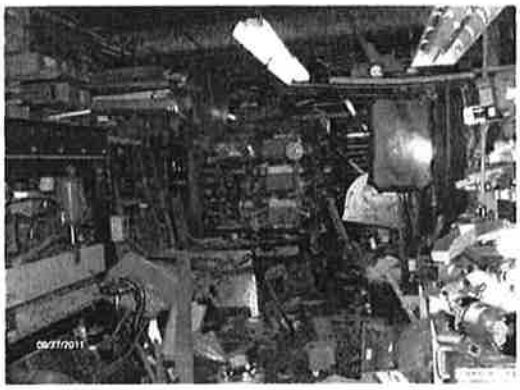


Typical hallway on first floor.



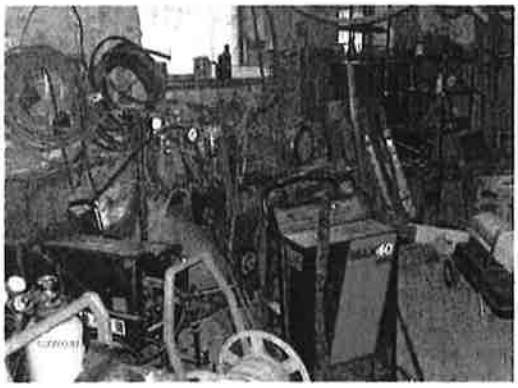
Typical vacant office area on first floor.

Empty compressed gas cylinders and portable tanks located in Sol Electrical Contractor area on first floor.



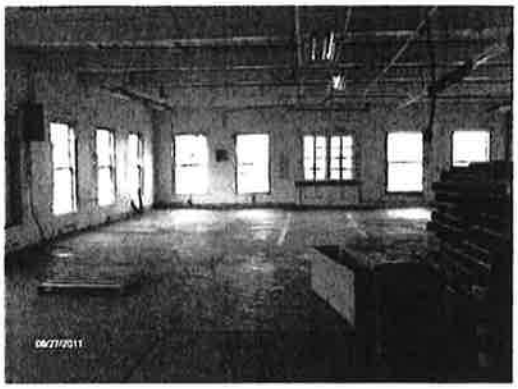
Sol Electrical Contractor area on first floor.

Equipment in metal shop on second floor.

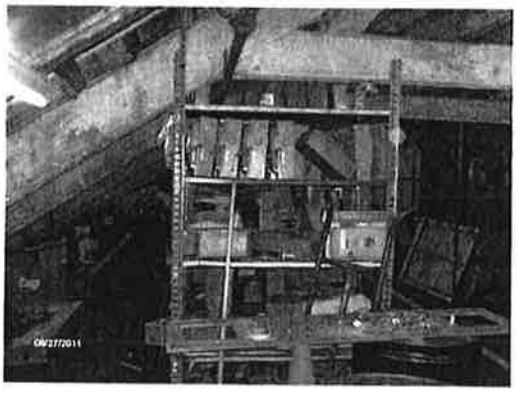


Equipment in metal shop on second floor.

Typical storage unit hallway.



Former area occupied by Challenge Sailcloth, fourth floor.



Electrical panels stored in attic.

55-gallon drum labeled hydraulic oil located in attic. Site representative indicates contents are #10 non-foaming oil.

APPENDIX C
SOIL VAPOR SAMPLE LOGS AND LABORATORY ANALYTICAL REPORTS

SOIL VAPOR SAMPLE FIELD LOG

GZA GeoEnvironmental, Inc.
655 Winding Brook Drive, Suite 402
Glastonbury, CT 06033
Phone (860)286-8900

PROJECT
Project Name: Daniels Mill
Location: Vernon, CT

Date: 7/15/2015
File No. 45441.03
PM: JTH

GZA Engineer: BAG
Weather: N/A/ Indoor
Barometric Press. 29.61
Previous Weather:

SAMPLING EQUIPMENT
Contractor/Lab: Phoenix Environmental
Analytic Method: TO-15
Operator: BAG
PID: MiniRae 2000 lamp: 10.6 eV
Calibration: (start) 48.4 (finish) 99.8

(To be completed at office)
Depth to Water:
Ground Elevation:
Water Elevation:

Sample ID	Sample Depth (ft)	Vacuum Pressure (start/stop)	Purge Time: Purge Start	Purge Time: Purge Stop	Purge Time: Elapsed Time	Flow Rate (mL/min.)	Flow Volume (mL) (rate x time)	Sample Time (start/stop)	OVM Reading (ppm)	Container Type	Surface Cover	Driving Effort	Remark No.
SV-1	1.0	-30 / -5	1299	1247	3	100	300	1247/1405	145.9/26.4	SC	Cncrt	E	
SV-2	1.0	-28 / -3.5	1248	1251	3	100	300	1252/1402	5.1/3.6	SC	Cncrt	E	
SV-3	1.0	-28.5 / -3	1045	1048	3	100	300	1050/1215	0.0 /	SC	Cncrt	E	
SV-AMB	NA	28.5 / -2	NA	NA	-	100	-	1052/1215	0.0	SC	NA	NA	1

REMARKS:

1. SV-AMB = Ambient air sample collected in basement.

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT	SOIL MOISTURE CONTENT
TB - Tedlar Bag	G/L - Grass/Loam	E - Easy	D - Dry
SC - SUMMA Canister	Asph - Asphalt	M - Moderate	M - Moist
ST - Sorbant Tube	Cncrt - Concrete	D - Difficult	W - Wet
Other:	Other:	R - Refusal	S - Saturated

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 23, 2015

Attn: Mr Anthony Trani
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL 05.0045.441.03
Sample ID#s: BJ47079 - BJ47082

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 23, 2015

FOR: Attn: Mr Anthony Trani
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	07/15/15	12:15
Location Code:	GZACTENG	Received by:	LK	07/15/15	14:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12856				

Laboratory Data

SDG ID: GBJ47079
Phoenix ID: BJ47079

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-AMB

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	07/16/15	KCA	1
1,1,1-Trichloroethane	ND	0.500	ND	2.73	07/16/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43	07/16/15	KCA	1
1,1,2-Trichloroethane	ND	0.500	ND	2.73	07/16/15	KCA	1
1,1-Dichloroethane	ND	0.500	ND	2.02	07/16/15	KCA	1
1,1-Dichloroethene	ND	0.500	ND	1.98	07/16/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71	07/16/15	KCA	1
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	07/16/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.500	ND	3.84	07/16/15	KCA	1
1,2-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,2-Dichloroethane	ND	0.500	ND	2.02	07/16/15	KCA	1
1,2-dichloropropane	ND	0.500	ND	2.31	07/16/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	07/16/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	07/16/15	KCA	1
1,3-Butadiene	ND	0.500	ND	1.11	07/16/15	KCA	1
1,3-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,4-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,4-Dioxane	ND	0.500	ND	1.80	07/16/15	KCA	1
2-Hexanone(MBK)	ND	0.500	ND	2.05	07/16/15	KCA	1
4-Ethyltoluene	ND	0.500	ND	2.46	07/16/15	KCA	1
4-Isopropyltoluene	ND	0.500	ND	2.74	07/16/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	07/16/15	KCA	1
Acetone	10.9	0.500	25.9	1.19	07/16/15	KCA	1
Acrylonitrile	ND	0.500	ND	1.08	07/16/15	KCA	1
Benzene	ND	0.500	ND	1.60	07/16/15	KCA	1
Benzyl chloride	ND	0.500	ND	2.59	07/16/15	KCA	1

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND		0.500	ND	3.35	07/16/15	KCA	1
Bromoform	ND		0.500	ND	5.17	07/16/15	KCA	1
Bromomethane	ND		0.500	ND	1.94	07/16/15	KCA	1
Carbon Disulfide	ND		0.500	ND	1.56	07/16/15	KCA	1
Carbon Tetrachloride	ND		0.500	ND	3.14	07/16/15	KCA	1
Chlorobenzene	ND		0.500	ND	2.30	07/16/15	KCA	1
Chloroethane	ND		0.500	ND	1.32	07/16/15	KCA	1
Chloroform	ND		0.500	ND	2.44	07/16/15	KCA	1
Chloromethane	ND		0.500	ND	1.03	07/16/15	KCA	1
Cis-1,2-Dichloroethene	ND		0.500	ND	1.98	07/16/15	KCA	1
cis-1,3-Dichloropropene	ND		0.500	ND	2.27	07/16/15	KCA	1
Cyclohexane	ND		0.500	ND	1.72	07/16/15	KCA	1
Dibromochloromethane	ND		0.500	ND	4.26	07/16/15	KCA	1
Dichlorodifluoromethane	0.567		0.500	2.80	2.47	07/16/15	KCA	1
Ethanol	3.99		0.500	7.51	0.94	07/16/15	KCA	1
Ethyl acetate	ND		0.500	ND	1.80	07/16/15	KCA	1
Ethylbenzene	ND		0.500	ND	2.17	07/16/15	KCA	1
Heptane	ND		0.500	ND	2.05	07/16/15	KCA	1
Hexachlorobutadiene	ND		0.500	ND	5.33	07/16/15	KCA	1
Hexane	0.740		0.500	2.61	1.76	07/16/15	KCA	1
Isopropylalcohol	50.2	E	0.500	123	1.23	07/16/15	KCA	1
Isopropylbenzene	ND		0.500	ND	2.46	07/16/15	KCA	1
m,p-Xylene	ND		1.00	ND	4.34	07/16/15	KCA	1
Methyl Ethyl Ketone	ND		0.500	ND	1.47	07/16/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND		0.500	ND	1.80	07/16/15	KCA	1
Methylene Chloride	1.02		0.500	3.54	1.74	07/16/15	KCA	1
n-Butylbenzene	ND		0.500	ND	2.74	07/16/15	KCA	1
o-Xylene	ND		0.500	ND	2.17	07/16/15	KCA	1
Propylene	ND		0.500	ND	0.86	07/16/15	KCA	1
sec-Butylbenzene	ND		0.500	ND	2.74	07/16/15	KCA	1
Styrene	ND		0.500	ND	2.13	07/16/15	KCA	1
Tetrachloroethene	1.23		0.500	8.34	3.39	07/16/15	KCA	1
Tetrahydrofuran	ND		0.500	ND	1.47	07/16/15	KCA	1
Toluene	1.34		0.500	5.05	1.88	07/16/15	KCA	1
Trans-1,2-Dichloroethene	ND		0.500	ND	1.98	07/16/15	KCA	1
trans-1,3-Dichloropropene	ND		0.500	ND	2.27	07/16/15	KCA	1
Trichloroethene	ND		0.500	ND	2.69	07/16/15	KCA	1
Trichlorofluoromethane	ND		0.500	ND	2.81	07/16/15	KCA	1
Trichlorotrifluoroethane	ND		0.500	ND	3.83	07/16/15	KCA	1
Vinyl Chloride	ND		0.500	ND	1.28	07/16/15	KCA	1
QA/QC Surrogates								
% Bromofluorobenzene	103		%	103	%	07/16/15	KCA	1

Project ID: DANIELS MILL 05.0045.441.03 Phoenix I.D.: BJ47079
Client ID: SV-AMB

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

E = Estimated value quantitated above calibration range for this compound.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
July 23, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 23, 2015

FOR: Attn: Mr Anthony Trani
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	07/15/15	14:05
Location Code:	GZACTENG	Received by:	LK	07/15/15	14:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	362				

Laboratory Data

SDG ID: GBJ47079
Phoenix ID: BJ47080

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	07/16/15	KCA	1
1,1,1-Trichloroethane	4.28	0.500	23.3	2.73	07/16/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43	07/16/15	KCA	1
1,1,2-Trichloroethane	ND	0.500	ND	2.73	07/16/15	KCA	1
1,1-Dichloroethane	ND	0.500	ND	2.02	07/16/15	KCA	1
1,1-Dichloroethene	ND	0.500	ND	1.98	07/16/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71	07/16/15	KCA	1
1,2,4-Trimethylbenzene	8.52	0.500	41.9	2.46	07/16/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.500	ND	3.84	07/16/15	KCA	1
1,2-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,2-Dichloroethane	ND	0.500	ND	2.02	07/16/15	KCA	1
1,2-dichloropropane	ND	0.500	ND	2.31	07/16/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	07/16/15	KCA	1
1,3,5-Trimethylbenzene	2.48	0.500	12.2	2.46	07/16/15	KCA	1
1,3-Butadiene	ND	0.500	ND	1.11	07/16/15	KCA	1
1,3-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,4-Dichlorobenzene	ND	0.500	ND	3.00	07/16/15	KCA	1
1,4-Dioxane	ND	0.500	ND	1.80	07/16/15	KCA	1
2-Hexanone(MBK)	ND	0.500	ND	2.05	07/16/15	KCA	1
4-Ethyltoluene	2.94	0.500	14.4	2.46	07/16/15	KCA	1
4-Isopropyltoluene	ND	0.500	ND	2.74	07/16/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	07/16/15	KCA	1
Acetone	141	7.50	335	17.8	07/21/15	KCA	15
Acrylonitrile	ND	0.500	ND	1.08	07/16/15	KCA	1
Benzene	2.94	0.500	9.39	1.60	07/16/15	KCA	1
Benzyl chloride	ND	0.500	ND	2.59	07/16/15	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.500	ND	3.35	07/16/15	KCA	1
Bromoform	ND	0.500	ND	5.17	07/16/15	KCA	1
Bromomethane	ND	0.500	ND	1.94	07/16/15	KCA	1
Carbon Disulfide	1.56	0.500	4.85	1.56	07/16/15	KCA	1
Carbon Tetrachloride	16.7	0.500	105	3.14	07/16/15	KCA	1
Chlorobenzene	ND	0.500	ND	2.30	07/16/15	KCA	1
Chloroethane	ND	0.500	ND	1.32	07/16/15	KCA	1
Chloroform	1.72	0.500	8.39	2.44	07/16/15	KCA	1
Chloromethane	ND	0.500	ND	1.03	07/16/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.500	ND	1.98	07/16/15	KCA	1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27	07/16/15	KCA	1
Cyclohexane	5.86	0.500	20.2	1.72	07/16/15	KCA	1
Dibromochloromethane	ND	0.500	ND	4.26	07/16/15	KCA	1
Dichlorodifluoromethane	0.858	0.500	4.24	2.47	07/16/15	KCA	1
Ethanol	ND	0.500	ND	0.94	07/16/15	KCA	1
Ethyl acetate	ND	0.500	ND	1.80	07/16/15	KCA	1
Ethylbenzene	12.5	0.500	54.2	2.17	07/16/15	KCA	1
Heptane	6.87	0.500	28.1	2.05	07/16/15	KCA	1
Hexachlorobutadiene	ND	0.500	ND	5.33	07/16/15	KCA	1
Hexane	6.09	0.500	21.5	1.76	07/16/15	KCA	1
Isopropylalcohol	19000	E 7.50	46700	18.4	07/21/15	KCA	15
Isopropylbenzene	0.647	0.500	3.18	2.46	07/16/15	KCA	1
m,p-Xylene	40.8	1.00	177	4.34	07/16/15	KCA	1
Methyl Ethyl Ketone	ND	0.500	ND	1.47	07/16/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	07/16/15	KCA	1
Methylene Chloride	ND	0.500	ND	1.74	07/16/15	KCA	1
n-Butylbenzene	ND	0.500	ND	2.74	07/16/15	KCA	1
o-Xylene	15.9	0.500	69.0	2.17	07/16/15	KCA	1
Propylene	ND	0.500	ND	0.86	07/16/15	KCA	1
sec-Butylbenzene	ND	0.500	ND	2.74	07/16/15	KCA	1
Styrene	ND	0.500	ND	2.13	07/16/15	KCA	1
Tetrachloroethene	5.16	0.500	35.0	3.39	07/16/15	KCA	1
Tetrahydrofuran	ND	0.500	ND	1.47	07/16/15	KCA	1
Toluene	49.5	7.50	186	28.2	07/21/15	KCA	15
Trans-1,2-Dichloroethene	ND	0.500	ND	1.98	07/16/15	KCA	1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	07/16/15	KCA	1
Trichloroethene	0.795	0.500	4.27	2.69	07/16/15	KCA	1
Trichlorofluoromethane	ND	0.500	ND	2.81	07/16/15	KCA	1
Trichlorotrifluoroethane	ND	0.500	ND	3.83	07/16/15	KCA	1
Vinyl Chloride	ND	0.500	ND	1.28	07/16/15	KCA	1
QA/QC Surrogates							
% Bromofluorobenzene	103	%	103	%	07/16/15	KCA	1

Project ID: DANIELS MILL 05.0045.441.03 Phoenix I.D.: BJ47080
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

E = Estimated value quantitated above calibration range for this compound.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
July 23, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 23, 2015

FOR: Attn: Mr Anthony Trani
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	07/15/15	12:15
Location Code:	GZACTENG	Received by:	LK	07/15/15	14:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12862				

Laboratory Data

SDG ID: GBJ47079
Phoenix ID: BJ47081

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	07/17/15	KCA	1
1,1,1-Trichloroethane	ND	0.500	ND	2.73	07/17/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43	07/17/15	KCA	1
1,1,2-Trichloroethane	ND	0.500	ND	2.73	07/17/15	KCA	1
1,1-Dichloroethane	ND	0.500	ND	2.02	07/17/15	KCA	1
1,1-Dichloroethene	ND	0.500	ND	1.98	07/17/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71	07/17/15	KCA	1
1,2,4-Trimethylbenzene	6.13	0.500	30.1	2.46	07/17/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.500	ND	3.84	07/17/15	KCA	1
1,2-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,2-Dichloroethane	ND	0.500	ND	2.02	07/17/15	KCA	1
1,2-dichloropropane	ND	0.500	ND	2.31	07/17/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	07/17/15	KCA	1
1,3,5-Trimethylbenzene	1.74	0.500	8.55	2.46	07/17/15	KCA	1
1,3-Butadiene	ND	0.500	ND	1.11	07/17/15	KCA	1
1,3-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,4-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,4-Dioxane	ND	0.500	ND	1.80	07/17/15	KCA	1
2-Hexanone(MBK)	ND	0.500	ND	2.05	07/17/15	KCA	1
4-Ethyltoluene	2.06	0.500	10.1	2.46	07/17/15	KCA	1
4-Isopropyltoluene	ND	0.500	ND	2.74	07/17/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	07/17/15	KCA	1
Acetone	52.9	2.50	126	5.93	07/18/15	KCA	5
Acrylonitrile	ND	0.500	ND	1.08	07/17/15	KCA	1
Benzene	2.31	0.500	7.38	1.60	07/17/15	KCA	1
Benzyl chloride	ND	0.500	ND	2.59	07/17/15	KCA	1

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-3

Phoenix I.D.: BJ47081

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.500	ND	3.35	07/17/15	KCA	1
Bromoform	ND	0.500	ND	5.17	07/17/15	KCA	1
Bromomethane	ND	0.500	ND	1.94	07/17/15	KCA	1
Carbon Disulfide	ND	0.500	ND	1.56	07/17/15	KCA	1
Carbon Tetrachloride	ND	0.500	ND	3.14	07/17/15	KCA	1
Chlorobenzene	ND	0.500	ND	2.30	07/17/15	KCA	1
Chloroethane	ND	0.500	ND	1.32	07/17/15	KCA	1
Chloroform	ND	0.500	ND	2.44	07/17/15	KCA	1
Chloromethane	ND	0.500	ND	1.03	07/17/15	KCA	1
Cis-1,2-Dichloroethene	37.5	0.500	149	1.98	07/17/15	KCA	1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27	07/17/15	KCA	1
Cyclohexane	3.56	0.500	12.2	1.72	07/17/15	KCA	1
Dibromochloromethane	ND	0.500	ND	4.26	07/17/15	KCA	1
Dichlorodifluoromethane	0.502	0.500	2.48	2.47	07/17/15	KCA	1
Ethanol	21.7	0.500	40.9	0.94	07/17/15	KCA	1
Ethyl acetate	ND	0.500	ND	1.80	07/17/15	KCA	1
Ethylbenzene	8.41	0.500	36.5	2.17	07/17/15	KCA	1
Heptane	4.76	0.500	19.5	2.05	07/17/15	KCA	1
Hexachlorobutadiene	ND	0.500	ND	5.33	07/17/15	KCA	1
Hexane	4.38	0.500	15.4	1.76	07/17/15	KCA	1
Isopropylalcohol	270	E 2.50	663	6.14	07/18/15	KCA	5
Isopropylbenzene	ND	0.500	ND	2.46	07/17/15	KCA	1
m,p-Xylene	28.0	1.00	122	4.34	07/17/15	KCA	1
Methyl Ethyl Ketone	1.12	0.500	3.30	1.47	07/17/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	07/17/15	KCA	1
Methylene Chloride	0.890	0.500	3.09	1.74	07/17/15	KCA	1
n-Butylbenzene	ND	0.500	ND	2.74	07/17/15	KCA	1
o-Xylene	10.4	0.500	45.1	2.17	07/17/15	KCA	1
Propylene	ND	0.500	ND	0.86	07/17/15	KCA	1
sec-Butylbenzene	ND	0.500	ND	2.74	07/17/15	KCA	1
Styrene	ND	0.500	ND	2.13	07/17/15	KCA	1
Tetrachloroethene	21.8	0.500	148	3.39	07/17/15	KCA	1
Tetrahydrofuran	ND	0.500	ND	1.47	07/17/15	KCA	1
Toluene	32.7	0.500	123	1.88	07/17/15	KCA	1
Trans-1,2-Dichloroethene	0.873	0.500	3.46	1.98	07/17/15	KCA	1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	07/17/15	KCA	1
Trichloroethene	4.61	0.500	24.8	2.69	07/17/15	KCA	1
Trichlorofluoromethane	ND	0.500	ND	2.81	07/17/15	KCA	1
Trichlorotrifluoroethane	ND	0.500	ND	3.83	07/17/15	KCA	1
Vinyl Chloride	ND	0.500	ND	1.28	07/17/15	KCA	1
QA/QC Surrogates							
% Bromofluorobenzene	105	%	105	%	07/17/15	KCA	1

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-3

Phoenix I.D.: BJ47081

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

E = Estimated value quantitated above calibration range for this compound.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

July 23, 2015

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 23, 2015

FOR: Attn: Mr Anthony Trani
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	07/15/15	14:02
Location Code:	GZACTENG	Received by:	LK	07/15/15	14:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	477				

Laboratory Data

SDG ID: GBJ47079
Phoenix ID: BJ47082

Project ID: DANIELS MILL 05.0045.441.03
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	07/17/15	KCA	1
1,1,1-Trichloroethane	1.28	0.500	6.98	2.73	07/17/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.500	ND	3.43	07/17/15	KCA	1
1,1,2-Trichloroethane	ND	0.500	ND	2.73	07/17/15	KCA	1
1,1-Dichloroethane	ND	0.500	ND	2.02	07/17/15	KCA	1
1,1-Dichloroethene	ND	0.500	ND	1.98	07/17/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.500	ND	3.71	07/17/15	KCA	1
1,2,4-Trimethylbenzene	7.90	0.500	38.8	2.46	07/17/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.500	ND	3.84	07/17/15	KCA	1
1,2-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,2-Dichloroethane	ND	0.500	ND	2.02	07/17/15	KCA	1
1,2-dichloropropane	ND	0.500	ND	2.31	07/17/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	07/17/15	KCA	1
1,3,5-Trimethylbenzene	2.23	0.500	11.0	2.46	07/17/15	KCA	1
1,3-Butadiene	ND	0.500	ND	1.11	07/17/15	KCA	1
1,3-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,4-Dichlorobenzene	ND	0.500	ND	3.00	07/17/15	KCA	1
1,4-Dioxane	ND	0.500	ND	1.80	07/17/15	KCA	1
2-Hexanone(MBK)	ND	0.500	ND	2.05	07/17/15	KCA	1
4-Ethyltoluene	2.72	0.500	13.4	2.46	07/17/15	KCA	1
4-Isopropyltoluene	ND	0.500	ND	2.74	07/17/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	07/17/15	KCA	1
Acetone	105	2.50	249	5.93	07/18/15	KCA	5
Acrylonitrile	ND	0.500	ND	1.08	07/17/15	KCA	1
Benzene	2.75	0.500	8.78	1.60	07/17/15	KCA	1
Benzyl chloride	ND	0.500	ND	2.59	07/17/15	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.500	ND	3.35	07/17/15	KCA	1
Bromoform	ND	0.500	ND	5.17	07/17/15	KCA	1
Bromomethane	ND	0.500	ND	1.94	07/17/15	KCA	1
Carbon Disulfide	1.03	0.500	3.21	1.56	07/17/15	KCA	1
Carbon Tetrachloride	16.3	0.500	102	3.14	07/17/15	KCA	1
Chlorobenzene	ND	0.500	ND	2.30	07/17/15	KCA	1
Chloroethane	1.62	0.500	4.27	1.32	07/17/15	KCA	1
Chloroform	1.62	0.500	7.90	2.44	07/17/15	KCA	1
Chloromethane	0.509	0.500	1.05	1.03	07/17/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.500	ND	1.98	07/17/15	KCA	1
cis-1,3-Dichloropropene	ND	0.500	ND	2.27	07/17/15	KCA	1
Cyclohexane	3.89	0.500	13.4	1.72	07/17/15	KCA	1
Dibromochloromethane	ND	0.500	ND	4.26	07/17/15	KCA	1
Dichlorodifluoromethane	0.621	0.500	3.07	2.47	07/17/15	KCA	1
Ethanol	47.1	2.50	88.7	4.71	07/18/15	KCA	5
Ethyl acetate	ND	0.500	ND	1.80	07/17/15	KCA	1
Ethylbenzene	9.47	0.500	41.1	2.17	07/17/15	KCA	1
Heptane	5.03	0.500	20.6	2.05	07/17/15	KCA	1
Hexachlorobutadiene	ND	0.500	ND	5.33	07/17/15	KCA	1
Hexane	5.34	0.500	18.8	1.76	07/17/15	KCA	1
Isopropylalcohol	738	E 0.500	1810	1.23	07/17/15	KCA	1
Isopropylbenzene	0.523	0.500	2.57	2.46	07/17/15	KCA	1
m,p-Xylene	31.8	1.00	138	4.34	07/17/15	KCA	1
Methyl Ethyl Ketone	5.20	0.500	15.3	1.47	07/17/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	07/17/15	KCA	1
Methylene Chloride	1.89	0.500	6.56	1.74	07/17/15	KCA	1
n-Butylbenzene	ND	0.500	ND	2.74	07/17/15	KCA	1
o-Xylene	12.5	0.500	54.2	2.17	07/17/15	KCA	1
Propylene	ND	0.500	ND	0.86	07/17/15	KCA	1
sec-Butylbenzene	ND	0.500	ND	2.74	07/17/15	KCA	1
Styrene	ND	0.500	ND	2.13	07/17/15	KCA	1
Tetrachloroethene	9.62	0.500	65.2	3.39	07/17/15	KCA	1
Tetrahydrofuran	ND	0.500	ND	1.47	07/17/15	KCA	1
Toluene	33.8	0.500	127	1.88	07/17/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.500	ND	1.98	07/17/15	KCA	1
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	07/17/15	KCA	1
Trichloroethene	1.53	0.500	8.22	2.69	07/17/15	KCA	1
Trichlorofluoromethane	ND	0.500	ND	2.81	07/17/15	KCA	1
Trichlorotrifluoroethane	ND	0.500	ND	3.83	07/17/15	KCA	1
Vinyl Chloride	ND	0.500	ND	1.28	07/17/15	KCA	1
QA/QC Surrogates							
% Bromofluorobenzene	106	%	106	%	07/17/15	KCA	1

Project ID: DANIELS MILL 05.0045.441.03 Phoenix I.D.: BJ47082
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
July 23, 2015
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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QA/QC Report

July 23, 2015

QA/QC Data

SDG I.D.: GBJ47079

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314355 (ppbv), QC Sample No: BJ47359 (BJ47079, BJ47080)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	98	3.24	2.71	0.595	0.497	17.9	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	147	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	114	3.78	3.84	0.769	0.781	1.5	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	98	33.8	32.9	8.35	8.13	2.7	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	109	1.38	1.41	0.230	0.235	2.2	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	98	26.8	27.5	11.3	11.6	2.6	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	103	2.55	2.47	0.800	0.774	3.3	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	126	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	98	0.47	0.45	0.074	0.071	4.1	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	97	1.61	1.69	0.778	0.819	5.1	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	109	2.15	2.02	0.624	0.588	5.9	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	109	3.14	3.72	0.636	0.752	16.7	70 - 130	20
Ethanol	ND	0.531	ND	1.00	98	63.6	66.3	33.8	35.2	4.1	70 - 130	20

QA/QC Data

SDG I.D.: GBJ47079

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.278	ND	1.00	113	4.39	4.86	1.22	1.35	10.1	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	0.244	ND	1.00	101	2.43	2.52	0.594	0.615	3.5	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	110	7.50	7.86	2.13	2.23	4.6	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	103	5.77	6.09	2.35	2.48	5.4	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	116	2.85	3.09	0.657	0.712	8.0	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	121	6.57	6.78	2.23	2.30	3.1	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	101	2.33	2.35	0.670	0.678	1.2	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	112	1.41	1.36	0.326	0.314	3.8	70 - 130	20
Propylene	ND	0.581	ND	1.00	129	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	122	3.18	3.10	0.746	0.729	2.3	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	104	31.9	32.1	4.70	4.74	0.8	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	123	11.0	12.6	2.92	3.34	13.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	101	6.71	6.50	1.25	1.21	3.3	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	96	1.66	1.40	0.295	0.249	16.9	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	96	%	96	%	101	107	105	107	105	1.9	70 - 130	20

QA/QC Batch 314474 (ppbv), QC Sample No: BJ47360 (BJ47080 (15X))

Volatiles

Acetone	ND	0.421	ND	1.00	90	37.3	38.2	15.7	16.1	2.5	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	113	16.3	17.7	6.64	7.22	8.4	70 - 130	20
Toluene	ND	0.266	ND	1.00	122	24.7	24.8	6.57	6.58	0.2	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller

Phyllis Shiller, Laboratory Director
July 23, 2015

Sample Criteria Exceedences Report

GBJ47079 - GZACTENG

Thursday, July 23, 2015
Criteria: None
State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL 05.0045.441.03 **Project Number:**

Laboratory Sample ID(s): BJ47079, BJ47080, BJ47081, BJ47082

Sampling Date(s): 7/15/2015

RCP Methods Used:

☐ 1311/1312	☐ 6010	☐ 7000	☐ 7196	☐ 7470/7471	☐ 8081	☐ EPH	☑ TO15
☐ 8082	☐ 8151	☐ 8260	☐ 8270	☐ ETPH	☐ 9010/9012	☐ VPH	

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes	☐ No	
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes	☐ No	
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes	☐ No	☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes	☐ No	
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes	☐ No	☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: AIRSIM.	☐ Yes	☑ No	
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes	☑ No	
5b.	Were these reporting limits met?	☐ Yes	☐ No	☑ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes	☐ No	☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes	☑ No	☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:

Date: Thursday, July 23, 2015
Printed Name: Greg Lawrence
Position: Assistant Lab Director

Nov 2007

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 23, 2015

SDG I.D.: GBJ47079

AIRSIM

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314355 (Samples: BJ47079, BJ47080): -----"

The LCS recovery is above the upper range for one analyte that was not reported in the sample(s), therefore no significant bias is suspected. (1,2,4-Trichlorobenzene)

Instrument: Chem24 07/16/15-1 (BJ47079, BJ47080)

Initial Calibration Verification (CHEM24/AIR_0715):
99% of target compounds met criteria.
The following compounds had %RSDs >30%: Naphthalene (32%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification #1 (CHEM24/0714_39-AIR_0715):
99% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: Trichlorofluoromethane(sim) (42%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Continuing Calibration Verification #2 (CHEM24/0714_42-AIR_0715):
96% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 1,2,4-Trichlorobenzene (39%L)[30%], Allyl Chloride (33%H)[30%], Benzyl chloride (54%L)[30%], Naphthalene (49%L)[30%]
The following compounds did not meet maximum % deviations: Benzyl chloride (54%L)[50%]
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Keith Aloisa
Position: Chemist
Date: 7/16/2015

Instrument: Chem24 07/17/15-1 (BJ47081, BJ47082)

Initial Calibration Verification (CHEM24/AIR_0715):
99% of target compounds met criteria.
The following compounds had %RSDs >30%: Naphthalene (32%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification #1 (CHEM24/0714_66-AIR_0715):
100% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 23, 2015

SDG I.D.: GBJ47079

The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Continuing Calibration Verification #2 (CHEM24/0714_67-AIR_0715):
98% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: Allyl Chloride (37%H)[30%], Naphthalene (32%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Keith Aloisa
Position: Chemist
Date: 7/17/2015

Instrument: Chem24 07/18/15-1 (BJ47081, BJ47082)

Initial Calibration Verification (CHEM24/AIR_0715):
99% of target compounds met criteria.
The following compounds had %RSDs >30%: Naphthalene (32%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification #1 (CHEM24/0717_20-AIR_0715):
96% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 1,2-Dibromoethane(EDB)(sim) (32%H)[30%], m,p-Xylene(sim) (32%H)[30%], Tetrachloroethene(sim) (34%H)[30%], Trichlorofluoromethane(sim) (39%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Continuing Calibration Verification #2 (CHEM24/0717_21-AIR_0715):
95% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 1,2-Dichlorotetrafluoroethane (32%H)[30%], 2-Chlorotoluene (32%L)[30%], Benzyl chloride (55%L)[30%], Bromodichloromethane (31%L)[30%], Propylene (32%H)[30%]
The following compounds did not meet maximum % deviations: Benzyl chloride (55%L)[50%]
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Keith Aloisa
Position: Chemist
Date: 7/18/2015

Instrument: Chem24 07/20/15-1 (BJ47080)

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 23, 2015

SDG I.D.: GBJ47079

Initial Calibration Verification (CHEM24/AIR_0720):
100% of target compounds met criteria.
The following compounds had %RSDs >30%: None.
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification #1 (CHEM24/0720_07-AIR_0720):
100% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Continuing Calibration Verification #2 (CHEM24/0720_10-AIR_0720):
100% of target compounds met criteria. Internal standards were within the 60%-140% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Keith Aloisa
Position: Chemist
Date: 7/20/2015

QC (Batch Specific)

---------- Sample No: BJ47359, QA/QC Batch: 314355 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(147%)

---------- Sample No: BJ47360, QA/QC Batch: 314474 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone 860.645.1102 • Fax 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # 1 Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: james.hutton@gza.com
☐ Phone #: 860 286 8902

Report to: Anthony Trani
Customer: GZA
Address: 655 Winding Brook Drive
Glastonbury CT 06033

Invoice to: GZA
Sampled by: Ben Graham

Project Name: Daniels Mill 05.0045441.03
Requested Deliverable: RCP ☒ ASP CAT B ☐ MCP ☐ NJ Deliverables ☐
State where samples collected: CT

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
47079	SV-AMB	12856	6.0	-30	-1	5042	83.3	1052	1215	7/15/15	-28.5	-2	X		X		X
47080	SV-1	362	6.0	-30	-5	4989	↓	1247	1405	↓	-30	-5		X	X		X
47081	SV-3	12862	6.0	-30	-4	5354	↓	1050	1215	↓	-28.5	-3		X	X		X
47082	~~SV-3~~ SV-2	477	6.0	-30	-5	3410	↓	1252	1402	↓	-28	-3.5		X	X		X
	6L 1hr																

Relinquished by: Benjamin Graham
Accepted by: CParadine
Date: 7/15/15
Time: 1450

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: [signature] Date: 7/15/15

APPENDIX D
BORING LOGS, SOIL SAMPLING SHEETS AND LABORATORY ANALYTICAL REPORTS

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-1
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 14.5
Date Start - Finish: 7/20/2015 - 7/20/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-5	60	36	0.0	S-1 : Top 4": ASPHALT	1		ASPHALT	0.4
					0.0	Middle 6": Gray, medium SAND, little fine to coarse Gravel				
						Bottom 26": Brown, fine SAND, trace Silt, trace fine to coarse Gravel				
					0.0					
5	S-2	5-10	60	42	0.0	S-2 : Top 10": Red-brown, fine SAND, trace Silt				
						Bottom 32": Brown, fine SAND, some Silt, trace fine to coarse Gravel (Organic Roots @ ~8')				
					0.0				SAND (FILL)	
					0.0					
10	S-3	10-14.5	54	54	0.0	S-3 : Top 6": Red-brown, fine SAND, trace Silt				
						Next 1": ASPHALT				
						Next 7": Red-brown, fine SAND, trace fine to coarse Gravel				
					0.0	Next 4": Red-brown, fine to medium Sand				
					0.0	Bottom 36": Red-brown, fine to medium SAND, trace Silt, trace fine to coarse Gravel				14.5
15						End of exploration at 14.5 feet.	2			
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 14.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-1

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:19 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-2** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 20.5 **Date Start - Finish:** 7/20/2015 - 7/20/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 60 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-5	60	42	0.0	S-1 : Top 4": ASPHALT	1		ASPHALT	0.4
					0.0	Middle 4": Gray SAND and GRAVEL Bottom 34": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt				
					0.0					
5	S-2	5-10	60	48	0.0	S-2 : Top 12": Brown, fine SAND, some Silt, trace fine to coarse Gravel Bottom 36": Red-brown, fine SAND, little fine to coarse Gravel				
					0.0					
					0.0					
10	S-3	10-15	60	52	0.0	S-3 : Top 6": Red-brown, fine SAND, little fine to coarse Gravel Bottom 46": Brown, fine SAND, some Silt, trace fine to coarse Gravel			SAND (FILL)	
					0.0					
					0.0					
15	S-4	15-20	60	60	0.0	S-4 : Top 6": Red-brown, fine SAND Next 18": Red brown, fine to medium SAND, some fine to coarse Gravel				
					0.0	Next 12": Red-brown, fine SAND, little Silt, little fine to coarse Gravel Next 6": Red-brown, medium SAND, little fine to coarse Gravel				
20					0.0	Bottom 18": Red-brown, fine SAND, little fine to coarse Gravel, trace Silt				20.5
	S-5	20-20.5	6	6	0.0	S-5 : Red-brown, fine to coarse SAND, some fine to coarse Gravel	2			
						End of exploration at 20.5 feet.				
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 20.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-2

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:00 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-3** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 23 **Date Start - Finish:** 7/20/2015 - 7/20/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 60 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-5	60	42	0.0	S-1 : Top 3": ASPHALT	1		ASPHALT	0.3
						Next 2": Light brown, medium SAND				
					0.0	Next 31": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt, trace Asphalt				
						Botom 6": Red-brown, fine SAND, trace Silt and fine to coarse Gravel	2			
5					0.0					
	S-2	5-10	60	48	0.0	S-2 : Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt				
					0.0					
					0.0					
10										
	S-3	10-15	60	48	0.0	S-3 : Top 10": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt				
						Next 4": Brown, fine to coarse SAND			SAND (FILL)	
					0.0	Next 22": Brown, fine SAND, some Silt, trace fine to coarse Gravel				
					0.0	Bottom 12": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt				
15	S-4	15-20	60	54	0.0	S-4 : Top 12": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt				
						Next 3": Light brown, coarse SAND				
					0.0	Next 10": Red-brown, fine SAND, some Silt, trace fine to coarse Gravel				
					0.0	Next 23": Red-brown, fine to medium SAND and fine to coarse GRAVEL				
20	S-5	20-23	36	36	0.0	Bottom 6": Red-brown, fine to medium SAND and fine to coarse Gravel				
					0.0	S-5 : Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt, wet @ ~21' below grade.				23
						End of exploration at 23 feet.	3			
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal on rebar 2x directly against retaining wall. Offset ~3' north just off asphalt patch.
3 - Refusal at 23'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-3

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:04 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-4
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 10
Date Start - Finish: 7/20/2015 - 7/20/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-5	60	42	0.0	S-1 : Top 4": ASPHALT	1		ASPHALT	0.4
						Next 2": Brown, fine SAND, little Silt	2			
					0.0	Next 2": BRICK				
						Next 4": ASPHALT and SAND and GRAVEL				
					0.0	Bottom 30": Brown, fine to medium SAND, little Silt and fine to coarse Gravel				
5	S-2	5-10	60	48	0.0	S-2 : Brown, fine to medium SAND, little fine to coarse Gravel, trace Silt and Asphalt			SAND (FILL)	
					0.0					
10					0.0					10
						End of exploration at 10 feet.				
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal @ 1'. Offset @ ~3' north.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:06 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-5
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 14
Date Start - Finish: 7/20/2015 - 7/20/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-5	60	42	0.0 0.0 0.0	S-1 : Top 4": ASPHALT Next 2": Light brown medium SAND Next 12": Dark brown, fine to medium SAND, trace Silt, trace fine to coarse Gravel and Asphalt Bottom 24": Brown, fine to medium SAND, some Silt, little fine to coarse Gravel	1		ASPHALT	0.4
5	S-2	5-10	60	30	0.0 0.0	S-2 : Top 6": COBBLE Middle 12": Gray-brown, fine to medium SAND, some Silt and fine to coarse Gravel Bottom 12": Red-brown, fine to medium SAND, some Silt, fine to coarse Gravel			SAND (FILL)	
10	S-3	10-14	48	36	0.0 0.0	S-3 : Top 12": Gray/black, fine to medium SAND, some fine to coarse Gravel, little Silt Middle 12": Brown, fine SAND and SILT, little fine to coarse Gravel Bottom 12": Brown, fine to medium SAND, some fine to coarse Gravel, trace Silt				14
15						End of exploration at 14 feet.	2			
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 14'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-5

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:07 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-6** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 15 **Date Start - Finish:** 7/20/2015 - 7/20/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 60 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-5	60	36	0.0	S-1 : Top 3": ASPHALT	1		ASPHALT	0.3
					0.0	Middle 2": Light brown, medium SAND Bottom 31": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt				
					0.0					
5	S-2	5-10	60	36	0.0	S-2 : Brown/red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt				
					0.0				SAND (FILL)	
					0.0					
10	S-3	10-15	60	42	0.0	S-3 : Top 2": BRICK				
						Next 28": Brown/red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt, wet @ 13'				
					0.0	Next 6": Brown, fine to medium SAND, little fine to coarse Gravel				
15					0.0	Bottom 6": Red-brown, fine to coarse SAND				15
						End of exploration at 15 feet.	2			
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 15'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-6

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:09 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-7
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 20
Date Start - Finish: 7/20/2015 - 7/20/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-5	60	48	0.0	S-1 : Top 4": Light brown, medium SAND (Topsoil) Middle 20": Medium brown SAND, Brick and Cobble (layers) Botom 24": Brown/black, medium SAND, little Silt, little fine to coarse Gravel, little Apshalt, little Brick	1			
					0.0					
					0.0					
5	S-2	5-10	60	42	0.0	S-2 : Top 18": Brown, medium SAND, some Brick Bottom 24": Red-brown, medium SAND, little fine to coarse Gravel, trace Silt				
					0.0					
					0.0					
10	S-3	10-15	60	36	0.0	S-3 : Red-brown, medium SAND, little Silt, little fine to coarse Gravel, trace Cobble, wet @ ~14'			SAND (FILL)	
					0.0					
					0.0					
15	S-4	15-20	60	54	0.0	S-4 : Brown/red-brown, fine to medium SAND, some fine to coarse Gravel, little Silt				
					0.0					
20					0.0					20
						End of exploration at 20 feet.	2			
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 20'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-7

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:11 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-8** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 14 **Date Start - Finish:** 7/20/2015 - 7/20/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 60 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-5	60	48	0.0	S-1 : Top 3": ASPHALT Next 15": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Brick	1		ASPHALT	0.3
					0.0	Next 6": Dark brown, fine to medium SAND, trace Silt Bottom 24": Brown, fine to coarse SAND, little fine to coarse Gravel, little Asphalt, little Glass				
5					0.0					
	S-2	5-10	60	42	0.0	S-2 : Top 38": Brown, fine to medium SAND, little fine to coarse Gravel, trace Silt Bottom 4': BRICK/Red COBBLE			SAND (FILL)	
					0.0					
10					0.0					
	S-3	10-14	48	36	0.0	S-3 : Brown, fine to medium SAND, little fine to coarse Gravel, trace Silt, trace Glass, trace Brick				
					0.0					
15						End of exploration at 14 feet.	2			15
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 14'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-8

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:13 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-9
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 3
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-3	36	18	0.0	S-1 : Top 3": CONCRETE	1		CONCRETE	0/3
					0.0	Next 5": Brown, fine to medium SAND, some fine to coarse Grave			SAND (FILL)	
						Next 2": BRICK				3
						Bottom 8": Brown, fine to medium SAND, some fine to coarse Gravel	2			
5						End of exploration at 3 feet.				
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 3'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-9

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:15 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-10** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Scott Przybylsky	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 2 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 420 **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 36 **Rock Core Size:**	**Groundwater Depth (ft.)** Date / Time / Water Depth / Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-2	24	18	33.8	S-1 : Top 6": CONCRETE Middle 6": Brown, fine to medium SAND, little Silt, little fine to coarse Gravel (black stain @ 10") Bottom 6": Light brown, fine to medium SAND, little fine to coarse Gravel	1		CONCRETE	0.6
									SAND (FILL)	2
							2			
						End of exploration at 2 feet.				
5										
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 2'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-10

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:42 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-11** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Scott Przybylsky	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 3 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 420 **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 36 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-3	36	24	0.0	S-1 : Top 2"; CONCRETE Bottom 22": Brown, fine to medium SAND, some fine to coarse Gravel, little Brick	1 2		CONCRETE SAND (FILL)	0/2 3
5						End of exploration at 3 feet.				
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Concrete adjacent/north to outdoor pad was over13" thick. Moved boring ~10' west to bottom of ramp.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-11

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:45 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-12
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 1.5
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-1.5	18	12	6.8	S-1 : Top 6": CONCRETE	1		CONCRETE	0.6
						Bottom 6": Brown, fine to medium SAND, little Silt, little fine to coarse Gravel			SAND (FILL)	1.5
							2			
						End of exploration at 1.5 feet.				
5										
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 1.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-12

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:47 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-13
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 1
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
0	S-1	0-1	12	8	0.0	S-1 : Top 2": CONCRETE	1		CONCRETE	0/2
						Bottom 6": Brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	2		SAND (FILL)	1
						End of exploration at 1 feet.				
5										
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 1'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-13

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:48 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-14
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 2
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-2	24	18	0.7	S-1 : Top 2": CONCRETE Bottom 16": Brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	1		CONCRETE	0/2
									SAND (FILL)	2
						End of exploration at 2 feet.	2			
5										
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 2'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-14

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:50 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-15** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Scott Przybylsky	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 3 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 420 **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 36 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-3	36	30	0.0 0.0	S-1 : Top 3": CONCRETE Bottom 28": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	1		CONCRETE SAND (FILL)	0.3 3
5						End of exploration at 3 feet.	2			
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 3'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-15

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:52 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-16
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 6.5
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-3	36	30	32.9 8.1	S-1 : Top 3": CONCRETE Bottom 27": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt	1		CONCRETE	0.3
	S-2	3-6	36	32	286.5 4.1	S-2 : Top 12": Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt Bottom 20": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	6.5		SAND (FILL)	
5	S-3	6-6.5	6	6	367.4	S-3 : Red-brown, fine to medium SAND, little fine to coarse Gravel, trace Silt, strong chemical odor.				6.5
						End of exploration at 6.5 feet.				
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
6.5 - Refusal at 6.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-16

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:53 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-17
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 5
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-3	36	24	0.0 0.0	S-1 : Top 2": CONCRETE Bottom 22": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	1		CONCRETE	0/2
	S-2	3-5	24	24	0.0	S-2 : Top 12": Red-brown, fine to medium SAND, some fine to coarse Gravel, trace Silt Bottom 12": Red-brown, fine SAND			SAND (FILL)	
5										5
						End of exploration at 5 feet.	2			
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-17

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:55 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-18
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 3
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-3	36	24	0.0 0.0	S-1 : Top 6": CONCRETE Bottom 30": Red-brown, fine SAND, some fine to coarse Gravel, trace Silt	1		CONCRETE	0.6
									SAND (FILL)	3
5						End of exploration at 3 feet.				
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-18

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:57 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: B-19
SHEET: 1 of 1
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Scott Przybylsky

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 3.5
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 420
Drilling Method: Direct Push

Sampler Type: MacroCore
Sampler O.D. (in.): 2.0
Sampler Length (in.): 36
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Stratum Depth (ft.)
	S-1	0-3	36	12	2.1	S-1 : Top 2": CONCRETE Bottom 10": Brown, fine to medium SAND, some fine to coarse Gravel, trace Silt	1		CONCRETE	0.2
									SAND (FILL)	3
	S-2	3-3.5	6	6	0.0	S-2 : BRICK			BRICK	3.5
5						End of exploration at 3.5 feet.	2			
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 3.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-19

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:51:59 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: B-20** **SHEET: 1 of 1** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Scott Przybylsky	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 1.5 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 420 **Drilling Method:** Direct Push	**Sampler Type:** MacroCore **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 36 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0-1.5	18	10	0.0	S-1 : Top 5": CONCRETE Bottom 5": Red-brown, fine to medium SAND and fine to coarse GRAVEL	1		CONCRETE	0.5
									SAND AND GRAVEL (FILL)	1.5
							2			
						End of exploration at 1.5 feet.				
5										
10										
15										
20										
25										
30										

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - Refusal at 1.5'.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

B-20

GZA TEMPLATE GEOPROBE BORING LOGS.GPJ LIBRARY 012111.GLB 8/25/2015 8:52:02 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill Vernon, CT**	**EXPLORATION NO.: MW-1** **SHEET: 1 of 2** **PROJECT NO: 05.0045441.03** **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 32 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Auger/Air Rotary	**Sampler Type:** MacroCore **Sampler O.D. (in.):** **Sampler Length (in.):** **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID* (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0-32				: Auger to ~20' (bedrock), 1 foot into bedrock; Air Rotary to 32'	1 2				PVC Riser (0-22') Bentonite (17-20') Filter Sand (20-32') Well Screen (22-32')

5
10
15
20
25
30

REMARKS

1 - Soil samples screened with a 10.6 eV MiniRAE photoionization detector (PID). PID values represent meter response in parts per million (ppm) relative to benzene in air and above background readings.
2 - For soil description refer to B-2.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-1

GZADEPTH.GDT; GZA TEMPLATE GEOPROBE W/EQUIP & SAMP NO; 8/25/2015; 8:52:57 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Daniel's Mill** **Vernon, CT**	**EXPLORATION NO.:** MW-1 **SHEET:** 2 of 2 **PROJECT NO:** 05.0045441.03 **REVIEWED BY:**

Logged By: B. Graham **Drilling Co.:** Aquifer Drilling and Testing, Inc. **Foreman:** Lavelle Tatum	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 32 **Date Start - Finish:** 7/22/2015 - 7/22/2015	**H. Datum:** **V. Datum:**
Type of Rig: GeoProbe **Rig Model:** 6610 DT **Drilling Method:** Auger/Air Rotary	**Sampler Type:** MacroCore **Sampler O.D. (in.):** **Sampler Length (in.):** **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID* (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.) Stratum Description Depth (ft.)	Equipment Installed
35						End of exploration at 32 feet.	3		
40									
45									
50									
55									
60									

REMARKS

3 - 10 feet of 2 inch diameter, Schedule 40, threaded, flush joint, 10-slot PVC well screen set at approximately 32 feet below grade. Well completed to ground surface with a 2 inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filler sand placed in annulus around well from 20 to 32 feet below grade. Bentonite seal installed from 17 to 20 feet below grade. Remaining annulus filled with cuttings to surface. Well protected with flush mount roadbox.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-1

GZADEPTH.GDT; GZA TEMPLATE GEOPROBE W/EQUIP & SAMP NO; 8/25/2015; 8:52:57 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: MW-2
SHEET: 1 of 2
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 7/22/2015 - 7/22/2015

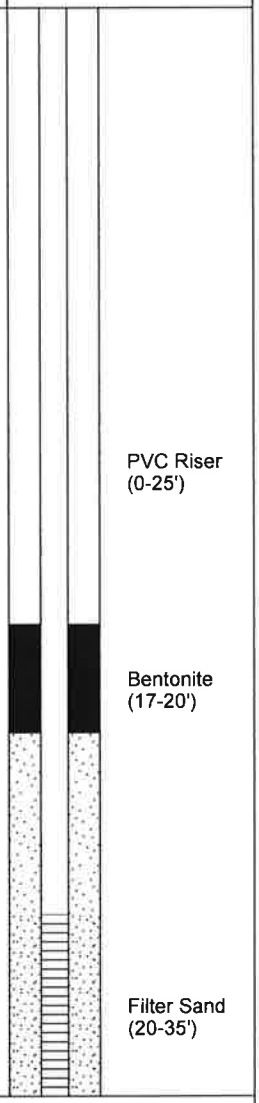
H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Auger/Air Rotary

Sampler Type: MacroCore
Sampler O.D. (in.):
Sampler Length (in.):
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID* (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0-35				: Augered to 20' (rock), air rotary to 23'. Hole collapsing. Augered to 23', air rotary to 36'. Rig losing air somewhere could not remove all rock, debris.	1				



REMARKS

1 - 10 feet of 2 inch diameter, Schedule 40, threaded, flush joint, 10-slot PVC well screen set at approximately 35 feet below grade. Well completed to ground surface with a 2 inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filter sand placed in annulus around well from 20 to 35 feet below grade. Bentonite seal installed from 17 to 20 feet below grade. Remaining annulus filled with native sand from 0 to 17 feet below grade. Well protected with flush mount.

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-2

GZADEPTH.GDT; GZA TEMPLATE GEOPROBE W/EQUIP & SAMP NO: 8/25/2015; 8:53:00 AM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Daniel's Mill
Vernon, CT

EXPLORATION NO.: MW-2
SHEET: 2 of 2
PROJECT NO: 05.0045441.03
REVIEWED BY:

Logged By: B. Graham
Drilling Co.: Aquifer Drilling and Testing, Inc.
Foreman: Lavelle Tatum

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 7/22/2015 - 7/22/2015

H. Datum:
V. Datum:

Type of Rig: GeoProbe
Rig Model: 6610 DT
Drilling Method: Auger/Air Rotary

Sampler Type: MacroCore
Sampler O.D. (in.):
Sampler Length (in.):
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	PID* (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.) Stratum Description Depth (ft.)	Equipment Installed
35									Well Screen (25-35')
						End of exploration at 35 feet.			
40									
45									
50									
55									
60									

REMARKS

Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-2

GZADEPTH.GDT; GZA TEMPLATE GEOPROBE W/EQUIP & SAMP NO; 8/25/2015; 8:53:00 AM

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 06, 2015

Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL
Sample ID#s: BJ59683 - BJ59688

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	8:45
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59683

Project ID: DANIELS MILL
Client ID: B-1 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.36	0.36	mg/Kg	1	07/21/15	LK	SW6010C	
Arsenic	1.9	0.7	mg/Kg	1	07/21/15	LK	SW6010C	
Barium	39.2	0.36	mg/Kg	1	07/21/15	LK	SW6010C	
Cadmium	< 0.36	0.36	mg/Kg	1	07/21/15	LK	SW6010C	
Chromium	30.9	0.36	mg/Kg	1	07/21/15	LK	SW6010C	
Copper	12.5	0.36	mg/kg	1	07/21/15	EK	SW6010C	B
Mercury	< 0.03	0.03	mg/Kg	1	07/21/15	RS	SW7471B	
Lead	19.3	0.36	mg/Kg	1	07/21/15	LK	SW6010C	
Selenium	< 1.4	1.4	mg/Kg	1	07/21/15	LK	SW6010C	
Percent Solid	91		%		07/20/15	I	SW846-%Solid	
Soil Extraction for PCB	Completed				07/20/15	BC	SW3545A	
Soil Extraction for Pesticide	Completed				07/20/15	BC/H	SW3545A	
Soil Extraction SVOA PAH	Completed				07/20/15	BJ/VH	SW3545A	
Extraction of CT ETPH	Completed				07/20/15	BC/V	SW3545A	
Mercury Digestion	Completed				07/21/15	I/I	SW7471B	
Total Metals Digest	Completed				07/20/15	G/AG	SW3050B	
Field Extraction	Completed				07/20/15		SW5035A	
TPH by GC (Extractable Products)								
Ext. Petroleum HC	ND	54	mg/Kg	1	07/21/15	JRB	CTETPH 8015D	
Identification	ND		mg/Kg	1	07/21/15	JRB	CTETPH 8015D	
QA/QC Surrogates								
% n-Pentacosane	73		%	1	07/21/15	JRB	50 - 150 %	
Polychlorinated Biphenyls								
PCB-1016	ND	360	ug/Kg	10	07/21/15	AW	SW8082A	
PCB-1221	ND	360	ug/Kg	10	07/21/15	AW	SW8082A	
PCB-1232	ND	360	ug/Kg	10	07/21/15	AW	SW8082A	

Project ID: DANIELS MILL
Client ID: B-1 (0.5-2)

Phoenix I.D.: BJ59683

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1242	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
PCB-1254	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	07/21/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	113		%	10	07/21/15	AW	30 - 150 %
% TCMX	88		%	10	07/21/15	AW	30 - 150 %
Pesticides							
4,4' -DDD	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
4,4' -DDE	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
4,4' -DDT	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
a-BHC	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Alachlor	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Aldrin	ND	3.6	ug/Kg	2	07/21/15	CE	SW8081B
b-BHC	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Chlordane	ND	36	ug/Kg	2	07/21/15	CE	SW8081B
d-BHC	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	07/21/15	CE	SW8081B
Endosulfan I	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Endosulfan II	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Endrin	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Endrin aldehyde	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Endrin ketone	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	07/21/15	CE	SW8081B
Heptachlor	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	ug/Kg	2	07/21/15	CE	SW8081B
Methoxychlor	ND	36	ug/Kg	2	07/21/15	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	07/21/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	74		%	2	07/21/15	CE	30 - 150 %
% TCMX	70		%	2	07/21/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-1 (0.5-2)

Phoenix I.D.: BJ59683

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
Acetone	ND	30	ug/Kg	1	07/21/15	JLI	SW8260C
Acrylonitrile	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Benzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Bromobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Bromochloromethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Bromoform	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Bromomethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Chlorobenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroform	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Chloromethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromomethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Ethylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
m&p-Xylene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.9	ug/Kg	1	07/21/15	JLI	SW8260C
Methylene chloride	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Naphthalene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
o-Xylene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Styrene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.9	ug/Kg	1	07/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Toluene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Total Xylenes	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.9	ug/Kg	1	07/21/15	JLI	SW8260C
Trichloroethene	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
Vinyl chloride	ND	4.9	ug/Kg	1	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	89		%	1	07/21/15	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	07/21/15	JLI	70 - 130 %
% Toluene-d8	87		%	1	07/21/15	JLI	70 - 130 %
Client MS/MSD	Completed				07/21/15		

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	53		%	1	07/20/15	DD	30 - 130 %
% Nitrobenzene-d5	53		%	1	07/20/15	DD	30 - 130 %
% Terphenyl-d14	65		%	1	07/20/15	DD	30 - 130 %

Project ID: DANIELS MILL
Client ID: B-1 (0.5-2)
Phoenix I.D.: BJ59683

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	9:15
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59684

Project ID: DANIELS MILL
Client ID: B-2 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	1	07/22/15	EK	SW6010C
Arsenic	3.1	0.7	mg/Kg	1	07/22/15	EK	SW6010C
Barium	179	0.34	mg/Kg	1	07/22/15	EK	SW6010C
Cadmium	< 0.34	0.34	mg/Kg	1	07/22/15	EK	SW6010C
Chromium	16.9	0.34	mg/Kg	1	07/22/15	EK	SW6010C
Copper	50.5	0.34	mg/Kg	1	07/22/15	EK	SW6010C
Mercury	0.20	0.03	mg/Kg	1	07/21/15	RS	SW7471B
Lead	173	3.4	mg/Kg	10	07/22/15	EK	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	07/22/15	EK	SW6010C
SPLP Lead	0.015	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Metals Digestion	Completed				08/04/15	U/U	SW3005A
Percent Solid	93		%		07/20/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				07/20/15	BC	SW3545A
Soil Extraction for Pesticide	Completed				07/20/15	BC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/20/15	BJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/20/15	BC/V	SW3545A
Mercury Digestion	Completed				07/21/15	I/I	SW7471B
SPLP Extraction for Metals	Completed				08/03/15	U	SW1312
Total Metals Digest	Completed				07/21/15	G/AG	SW3050B
Field Extraction	Completed				07/20/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/21/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/21/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	67		%	1	07/21/15	JRB	50 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1221	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1232	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1242	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1248	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1254	6000	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1260	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1262	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
PCB-1268	ND	1700	ug/Kg	50	07/23/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	Diluted Out		%	50	07/23/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	07/23/15	AW	30 - 150 %
Pesticides							
4,4' -DDD	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
4,4' -DDE	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
4,4' -DDT	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
a-BHC	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Alachlor	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Aldrin	ND	35	ug/Kg	20	07/23/15	CE	SW8081B
b-BHC	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Chlordane	ND	350	ug/Kg	20	07/23/15	CE	SW8081B
d-BHC	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Dieldrin	ND	75	ug/Kg	20	07/23/15	CE	SW8081B
Endosulfan I	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Endosulfan II	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Endrin	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Endrin aldehyde	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
Endrin ketone	ND	70	ug/Kg	20	07/23/15	CE	SW8081B
g-BHC	ND	14	ug/Kg	20	07/23/15	CE	SW8081B
Heptachlor	ND	35	ug/Kg	20	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	35	ug/Kg	20	07/23/15	CE	SW8081B
Methoxychlor	ND	350	ug/Kg	20	07/23/15	CE	SW8081B
Toxaphene	ND	1400	ug/Kg	20	07/23/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	Diluted Out		%	20	07/23/15	CE	30 - 150 %
% TCMX	Diluted Out		%	20	07/23/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-2 (0.5-2)

Phoenix I.D.: BJ59684

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
2-Hexanone	ND	22	ug/Kg	1	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	ug/Kg	1	07/21/15	JLI	SW8260C
Acetone	ND	26	ug/Kg	1	07/21/15	JLI	SW8260C
Acrylonitrile	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Benzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Bromobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Bromochloromethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Bromoform	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Bromomethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Chlorobenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroform	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Chloromethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	2.6	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromomethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Ethylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
m&p-Xylene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.8	ug/Kg	1	07/21/15	JLI	SW8260C
Methylene chloride	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Naphthalene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
o-Xylene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-2 (0.5-2)

Phoenix I.D.: BJ59684

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Styrene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	ug/Kg	1	07/21/15	JLI	SW8260C
Toluene	5.7	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Total Xylenes	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	ug/Kg	1	07/21/15	JLI	SW8260C
Trichloroethene	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
Vinyl chloride	ND	4.4	ug/Kg	1	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	07/21/15	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	07/21/15	JLI	70 - 130 %
% Toluene-d8	89		%	1	07/21/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	63		%	1	07/20/15	DD	30 - 130 %
% Nitrobenzene-d5	60		%	1	07/20/15	DD	30 - 130 %
% Terphenyl-d14	76		%	1	07/20/15	DD	30 - 130 %

Project ID: DANIELS MILL
Client ID: B-2 (0.5-2)

Phoenix I.D.: BJ59684

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Pesticide Comment:
Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	10:05
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59685

Project ID: DANIELS MILL
Client ID: B-3 (8-9)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		07/20/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/20/15	BJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/20/15	BC/V	SW3545A
Field Extraction	Completed				07/20/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	54	mg/Kg	1	07/21/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/21/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	65		%	1	07/21/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.5	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-3 (8-9)

Phoenix I.D.: BJ59685

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
2-Hexanone	ND	21	ug/Kg	1	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	ug/Kg	1	07/21/15	JLI	SW8260C
Acetone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
Acrylonitrile	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Benzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Bromobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Bromochloromethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Bromoform	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Bromomethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Chlorobenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroform	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Chloromethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	2.5	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromomethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Ethylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
m&p-Xylene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.3	ug/Kg	1	07/21/15	JLI	SW8260C
Methylene chloride	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Naphthalene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
o-Xylene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Styrene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.3	ug/Kg	1	07/21/15	JLI	SW8260C
Toluene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Total Xylenes	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-3 (8-9)

Phoenix I.D.: BJ59685

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.3	ug/Kg	1	07/21/15	JLI	SW8260C
Trichloroethene	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
Vinyl chloride	ND	4.1	ug/Kg	1	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	07/21/15	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	07/21/15	JLI	70 - 130 %
% Toluene-d8	89		%	1	07/21/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/20/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	07/20/15	DD	30 - 130 %
% Nitrobenzene-d5	65		%	1	07/20/15	DD	30 - 130 %
% Terphenyl-d14	71		%	1	07/20/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	10:35
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59686

Project ID: DANIELS MILL
Client ID: B-4 (8-9)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		07/20/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/20/15	BJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/20/15	BC/V	SW3545A
Field Extraction	Completed				07/20/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	56	mg/Kg	1	07/23/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/23/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	62		%	1	07/23/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.7	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
2-Hexanone	ND	23	ug/Kg	1	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/21/15	JLI	SW8260C
Acetone	ND	27	ug/Kg	1	07/21/15	JLI	SW8260C
Acrylonitrile	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Benzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Bromobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Bromochloromethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Bromoform	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Bromomethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Chlorobenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroform	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Chloromethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	2.7	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromomethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Ethylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
m&p-Xylene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	07/21/15	JLI	SW8260C
Methylene chloride	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Naphthalene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
o-Xylene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Styrene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	07/21/15	JLI	SW8260C
Toluene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Total Xylenes	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: B-4 (8-9)

Phoenix I.D.: BJ59686

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	07/21/15	JLI	SW8260C
Trichloroethene	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
Vinyl chloride	ND	4.6	ug/Kg	1	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	07/21/15	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/15	JLI	70 - 130 %
% Toluene-d8	87		%	1	07/21/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/20/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	07/20/15	DD	30 - 130 %
% Nitrobenzene-d5	60		%	1	07/20/15	DD	30 - 130 %
% Terphenyl-d14	78		%	1	07/20/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59687

Project ID: DANIELS MILL
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				07/20/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: TRIP BLANK LOW

Phoenix I.D.: BJ59687

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/15	JLI	SW8260C
Acetone	ND	30	ug/Kg	1	07/21/15	JLI	SW8260C
Acrylonitrile	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Benzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Bromobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Bromochloromethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Bromoform	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Bromomethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Chlorobenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Chloroform	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Chloromethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	07/21/15	JLI	SW8260C
Dibromomethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Ethylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
m&p-Xylene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/15	JLI	SW8260C
Methylene chloride	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Naphthalene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
o-Xylene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
sec-Butylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Styrene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/15	JLI	SW8260C
Toluene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Total Xylenes	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/15	JLI	SW8260C
Trichloroethene	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
Vinyl chloride	ND	5.0	ug/Kg	1	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	93		%	1	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	07/21/15	JLI	70 - 130 %

Project ID: DANIELS MILL
Client ID: TRIP BLANK LOW

Phoenix I.D.: BJ59687

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	97		%	1	07/21/15	JLI	70 - 130 %
% Toluene-d8	87		%	1	07/21/15	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.
TRIP BLANK INCLUDED.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	BG	07/20/15	
Location Code:	GZACTENG	Received by:	SW	07/20/15	13:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ59683
Phoenix ID: BJ59688

Project ID: DANIELS MILL
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				07/20/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
2-Chlorotoluene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
2-Hexanone	ND	1300	ug/Kg	50	07/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
4-Chlorotoluene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BJ59688

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	07/21/15	JLI	SW8260C
Acetone	ND	5000	ug/Kg	50	07/21/15	JLI	SW8260C
Acrylonitrile	ND	500	ug/Kg	50	07/21/15	JLI	SW8260C
Benzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Bromobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Bromochloromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Bromodichloromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Bromoform	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Bromomethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Carbon Disulfide	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Carbon tetrachloride	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Chlorobenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Chloroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Chloroform	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Chloromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Dibromochloromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Dibromomethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Ethylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Isopropylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
m&p-Xylene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	3000	ug/Kg	50	07/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Methylene chloride	ND	500	ug/Kg	50	07/21/15	JLI	SW8260C
Naphthalene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
n-Butylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
n-Propylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
o-Xylene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
sec-Butylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Styrene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
tert-Butylbenzene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Tetrachloroethene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	ug/Kg	50	07/21/15	JLI	SW8260C
Toluene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Total Xylenes	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	50	07/21/15	JLI	SW8260C
Trichloroethene	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
Vinyl chloride	ND	250	ug/Kg	50	07/21/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	50	07/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94		%	50	07/21/15	JLI	70 - 130 %

Project ID: DANIELS MILL
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BJ59688

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	94		%	50	07/21/15	JLI	70 - 130 %
% Toluene-d8	89		%	50	07/21/15	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.
TRIP BLANK INCLUDED.

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 06, 2015

QA/QC Data

SDG I.D.: GBJ59683

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 314400 (mg/kg), QC Sample No: BJ59683 (BJ59683)														
ICP Metals - Soil														
Arsenic	BRL	0.67	1.9	2.24	NC	91.8	92.1	0.3	87.5	88.8	1.5	75 - 125	30	
Barium	BRL	0.33	39.2	40.0	2.00	102	103	1.0	100	103	3.0	75 - 125	30	
Cadmium	BRL	0.33	<0.36	<0.34	NC	89.9	91.5	1.8	89.9	91.4	1.7	75 - 125	30	
Chromium	BRL	0.33	30.9	32.6	5.40	98.5	102	3.5	97.9	99.0	1.1	75 - 125	30	
Copper	0.39	0.33	12.5	13.2	5.40	97.7	101	3.3	101	101	0.0	75 - 125	30	
Lead	BRL	0.33	19.3	19.8	2.60	91.1	94.2	3.3	88.0	90.3	2.6	75 - 125	30	
Selenium	BRL	1.3	<1.4	<1.4	NC	80.5	77.8	3.4	75.2	76.9	2.2	75 - 125	30	
Silver	BRL	0.33	<0.36	<0.34	NC	94.4	93.9	0.5	92.6	93.5	1.0	75 - 125	30	
QA/QC Batch 314447 (mg/kg), QC Sample No: BJ59683 (BJ59683, BJ59684)														
Mercury - Soil	BRL	0.06	<0.03	<0.03	NC	102	104	1.9	125	116	7.5	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.														
QA/QC Batch 314518 (mg/kg), QC Sample No: BJ59684 (BJ59684)														
ICP Metals - Soil														
Arsenic	BRL	0.66	3.1	3.58	NC	93.9	94.2	0.3	89.0	89.5	0.6	75 - 125	30	
Barium	BRL	0.33	179	146	20.3	99.5	104	4.4	>130	97.0	NC	75 - 125	30	m
Cadmium	BRL	0.33	<0.34	<0.35	NC	91.6	90.9	0.8	87.9	88.5	0.7	75 - 125	30	
Chromium	BRL	0.33	16.9	15.4	9.30	96.1	100	4.0	93.3	95.3	2.1	75 - 125	30	
Copper	BRL	0.33	50.5	58.9	15.4	97.1	97.3	0.2	95.5	101	5.6	75 - 125	30	
Lead	BRL	0.33	173	185	6.70	91.2	91.3	0.1	84.4	82.9	1.8	75 - 125	30	
Selenium	BRL	1.3	<1.4	<1.4	NC	79.0	81.0	2.5	96.0	94.2	1.9	75 - 125	30	
Silver	BRL	0.33	<0.34	<0.35	NC	92.5	93.1	0.6	94.3	94.2	0.1	75 - 125	30	
QA/QC Batch 315423 (mg/L), QC Sample No: BJ65150 (BJ59684)														
ICP Metals - SPLP Extraction														
Lead	BRL	0.010	<0.010	<0.010	NC	105	104	1.0	105	103	1.9	75 - 125	20	

m = This parameter is outside laboratory ms/msd specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 06, 2015

QA/QC Data

SDG I.D.: GBJ59683

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314379 (ug/Kg), QC Sample No: BJ59683 2X (BJ59683, BJ59684)										
Pesticides - Solid										
4,4'-DDD	ND	1.7	79	91	14.1	79	83	4.9	40 - 140	30
4,4'-DDE	ND	1.7	75	87	14.8	72	74	2.7	40 - 140	30
4,4'-DDT	ND	1.7	75	85	12.5	73	77	5.3	40 - 140	30
a-BHC	ND	3.3	74	81	9.0	67	68	1.5	40 - 140	30
a-Chlordane	ND	3.3	75	85	12.5	71	72	1.4	40 - 140	30
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	1.0	71	79	10.7	65	63	3.1	40 - 140	30
b-BHC	ND	3.3	75	88	16.0	72	71	1.4	40 - 140	30
Chlordane	ND	33	74	82	10.3	70	71	1.4	40 - 140	30
d-BHC	ND	3.3	61	69	12.3	58	58	0.0	40 - 140	30
Dieldrin	ND	1.0	75	86	13.7	72	73	1.4	40 - 140	30
Endosulfan I	ND	3.3	77	86	11.0	71	73	2.8	40 - 140	30
Endosulfan II	ND	3.3	76	89	15.8	76	79	3.9	40 - 140	30
Endosulfan sulfate	ND	3.3	65	75	14.3	67	71	5.8	40 - 140	30
Endrin	ND	3.3	75	86	13.7	72	74	2.7	40 - 140	30
Endrin aldehyde	ND	3.3	63	74	16.1	69	68	1.5	40 - 140	30
Endrin ketone	ND	3.3	73	85	15.2	76	79	3.9	40 - 140	30
g-BHC	ND	1.0	70	78	10.8	64	64	0.0	40 - 140	30
g-Chlordane	ND	3.3	74	82	10.3	70	71	1.4	40 - 140	30
Heptachlor	ND	3.3	71	78	9.4	65	64	1.6	40 - 140	30
Heptachlor epoxide	ND	3.3	75	83	10.1	70	70	0.0	40 - 140	30
Methoxychlor	ND	3.3	80	91	12.9	81	84	3.6	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	82	%	73	83	12.8	71	77	8.1	30 - 150	30
% TCMX	84	%	79	83	4.9	69	70	1.4	30 - 150	30
QA/QC Batch 314366 (ug/Kg), QC Sample No: BJ59683 2X (BJ59683, BJ59684)										
Polychlorinated Biphenyls - Solid										
PCB-1016	ND	33	92	96	4.3	41	80	64.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	89	91	2.2	42	87	69.8	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	116	%	105	106	0.9	53	104	65.0	30 - 150	30
% TCMX (Surrogate Rec)	90	%	97	100	3.0	44	85	63.6	30 - 150	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314380 (mg/Kg), QC Sample No: BJ59683 (BJ59683, BJ59684, BJ59685, BJ59686)										
TPH by GC (Extractable Products) - Solid										
Ext. Petroleum HC	ND	50	71	72	1.4	78	83	6.2	30 - 130	30
% n-Pentacosane	63	%	69	72	4.3	74	83	11.5	50 - 150	30
QA/QC Batch 314618 (ug/kg), QC Sample No: BJ59683 (BJ59683, BJ59684, BJ59685, BJ59686, BJ59687, BJ59688 (50X))										
Volatiles - Solid										
1,1,1,2-Tetrachloroethane	ND	5.0	92	103	11.3	101	106	4.8	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	87	97	10.9	96	101	5.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	91	103	12.4	101	106	4.8	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	89	101	12.6	103	106	2.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	89	98	9.6	99	101	2.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	93	106	13.1	101	104	2.9	70 - 130	30
1,1-Dichloropropene	ND	5.0	88	101	13.8	101	104	2.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	89	101	12.6	101	106	4.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	81	95	15.9	94	97	3.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	87	99	12.9	97	103	6.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	84	94	11.2	96	99	3.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	97	113	15.2	99	107	7.8	70 - 130	30
1,2-Dibromoethane	ND	5.0	93	106	13.1	103	110	6.6	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	86	98	13.0	101	102	1.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	87	96	9.8	101	102	1.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	89	98	10.6	104	107	2.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	85	97	13.2	97	102	5.0	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	87	99	12.9	99	104	4.9	70 - 130	30
1,3-Dichloropropane	ND	5.0	88	102	14.7	102	104	1.9	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	86	97	12.0	97	102	5.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	88	97	9.7	92	95	3.2	70 - 130	30
2-Chlorotoluene	ND	5.0	86	98	13.0	99	103	4.0	70 - 130	30
2-Hexanone	ND	25	91	108	17.1	87	96	9.8	70 - 130	30
2-Isopropyltoluene	ND	5.0	91	103	12.4	103	110	6.6	70 - 130	30
4-Chlorotoluene	ND	5.0	92	105	13.2	100	106	5.8	70 - 130	30
4-Methyl-2-pentanone	ND	25	92	108	16.0	96	96	0.0	70 - 130	30
Acetone	ND	10	62	69	10.7	71	70	1.4	70 - 130	30
Acrylonitrile	ND	5.0	88	105	17.6	99	101	2.0	70 - 130	30
Benzene	ND	1.0	88	101	13.8	104	106	1.9	70 - 130	30
Bromobenzene	ND	5.0	90	103	13.5	101	110	8.5	70 - 130	30
Bromochloromethane	ND	5.0	87	101	14.9	100	104	3.9	70 - 130	30
Bromodichloromethane	ND	5.0	93	107	14.0	108	110	1.8	70 - 130	30
Bromoform	ND	5.0	95	109	13.7	98	106	7.8	70 - 130	30
Bromomethane	ND	5.0	92	108	16.0	73	82	11.6	70 - 130	30
Carbon Disulfide	ND	5.0	101	113	11.2	102	109	6.6	70 - 130	30
Carbon tetrachloride	ND	5.0	93	104	11.2	102	106	3.8	70 - 130	30
Chlorobenzene	ND	5.0	88	99	10.6	101	106	4.8	70 - 130	30
Chloroethane	ND	5.0	94	104	10.1	25	23	8.3	70 - 130	30
Chloroform	ND	5.0	83	92	10.3	95	97	2.1	70 - 130	30
Chloromethane	ND	5.0	89	101	12.6	96	99	3.1	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	92	101	9.3	104	108	3.8	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	93	108	14.9	108	112	3.6	70 - 130	30
Dibromochloromethane	ND	3.0	101	116	13.8	109	115	5.4	70 - 130	30
Dibromomethane	ND	5.0	90	103	13.5	104	108	3.8	70 - 130	30
Dichlorodifluoromethane	ND	5.0	105	115	9.1	104	110	5.6	70 - 130	30
Ethylbenzene	ND	1.0	90	102	12.5	102	108	5.7	70 - 130	30

QA/QC Data

SDG I.D.: GBJ59683

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachlorobutadiene	ND	5.0	89	100	11.6	100	106	5.8	70 - 130	30
Isopropylbenzene	ND	1.0	88	101	13.8	103	108	4.7	70 - 130	30
m&p-Xylene	ND	2.0	90	100	10.5	102	107	4.8	70 - 130	30
Methyl ethyl ketone	ND	5.0	78	95	19.7	84	89	5.8	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	90	102	12.5	102	104	1.9	70 - 130	30
Methylene chloride	ND	5.0	81	91	11.6	94	100	6.2	70 - 130	30
Naphthalene	ND	5.0	93	107	14.0	102	109	6.6	70 - 130	30
n-Butylbenzene	ND	1.0	87	97	10.9	99	102	3.0	70 - 130	30
n-Propylbenzene	ND	1.0	85	95	11.1	100	103	3.0	70 - 130	30
o-Xylene	ND	2.0	89	100	11.6	103	107	3.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	88	98	10.8	99	103	4.0	70 - 130	30
sec-Butylbenzene	ND	1.0	88	99	11.8	101	105	3.9	70 - 130	30
Styrene	ND	5.0	90	101	11.5	102	106	3.8	70 - 130	30
tert-Butylbenzene	ND	1.0	88	99	11.8	102	106	3.8	70 - 130	30
Tetrachloroethene	ND	5.0	94	106	12.0	107	116	8.1	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	89	100	11.6	95	99	4.1	70 - 130	30
Toluene	ND	1.0	91	103	12.4	106	111	4.6	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	93	102	9.2	102	107	4.8	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	98	113	14.2	112	114	1.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	96	108	12.7	98	102	4.0	70 - 130	30
Trichloroethene	ND	5.0	90	101	11.5	104	107	2.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	88	96	8.7	19	20	5.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	94	100	6.2	96	105	9.0	70 - 130	30
Vinyl chloride	ND	5.0	95	107	11.9	112	119	6.1	70 - 130	30
% 1,2-dichlorobenzene-d4	97	%	102	102	0.0	101	104	2.9	70 - 130	30
% Bromofluorobenzene	95	%	100	101	1.0	100	101	1.0	70 - 130	30
% Dibromofluoromethane	100	%	99	97	2.0	97	95	2.1	70 - 130	30
% Toluene-d8	89	%	101	100	1.0	102	102	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 314365 (ug/kg), QC Sample No: BJ59683 (BJ59683, BJ59684, BJ59685, BJ59686)

Polynuclear Aromatic HC - Solid

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2-Methylnaphthalene	ND	230	69	84	19.6	68	66	3.0	30 - 130	30
Acenaphthene	ND	230	71	84	16.8	64	67	4.6	30 - 130	30
Acenaphthylene	ND	230	68	79	15.0	61	64	4.8	30 - 130	30
Anthracene	ND	230	81	87	7.1	68	68	0.0	30 - 130	30
Benz(a)anthracene	ND	230	82	90	9.3	68	69	1.5	30 - 130	30
Benzo(a)pyrene	ND	230	82	88	7.1	68	67	1.5	30 - 130	30
Benzo(b)fluoranthene	ND	230	84	92	9.1	71	69	2.9	30 - 130	30
Benzo(ghi)perylene	ND	230	84	87	3.5	66	67	1.5	30 - 130	30
Benzo(k)fluoranthene	ND	230	85	85	0.0	67	69	2.9	30 - 130	30
Chrysene	ND	230	85	90	5.7	71	71	0.0	30 - 130	30
Dibenz(a,h)anthracene	ND	230	84	89	5.8	68	68	0.0	30 - 130	30
Fluoranthene	ND	230	84	89	5.8	69	68	1.5	30 - 130	30
Fluorene	ND	230	78	89	13.2	68	69	1.5	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	85	89	4.6	68	67	1.5	30 - 130	30
Naphthalene	ND	230	61	80	27.0	65	63	3.1	30 - 130	30
Phenanthrene	ND	230	80	88	9.5	67	68	1.5	30 - 130	30
Pyrene	ND	230	84	89	5.8	69	69	0.0	30 - 130	30
% 2-Fluorobiphenyl	63	%	65	76	15.6	60	62	3.3	30 - 130	30
% Nitrobenzene-d5	61	%	55	71	25.4	63	55	13.6	30 - 130	30
% Terphenyl-d14	77	%	81	86	6.0	67	67	0.0	30 - 130	30

QA/QC Data

SDG I.D.: GBJ59683

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 06, 2015

Sample Criteria Exceedences Report

GBJ59683 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ59684	$PCB_SMR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	$PCB_SMR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	$PCB_SMR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	**$PCB_SMR**	**PCB-1248**	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	**$PCB_SMR**	**PCB-1254**	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	6000	1700	1000	1000	ug/Kg
BJ59684	$PCB_SMR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	**$PCB_SMR**	**PCB-1262**	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	$PCB_SMR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1700	1000	1000	ug/Kg
BJ59684	$PEST_SMR	Chlordane	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	350	66	66	ug/Kg
BJ59684	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	75	7	7	ug/Kg
BJ59684	$PEST_SMR	Heptachlor	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	35	13	13	ug/Kg
BJ59684	$PEST_SMR	Heptachlor epoxide	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	35	20	20	ug/Kg
BJ59684	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	1400	330	330	ug/Kg
BJ59684	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1400	560	560	ug/Kg
BJ59684	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	75	38	38	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL **Project Number:**

Laboratory Sample ID(s): BJ59683, BJ59684, BJ59685, BJ59686, BJ59687, BJ59688

Sampling Date(s): 7/20/2015

RCP Methods Used:

☑ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☑ 8081 ☐ EPH ☐ TO15
☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes	☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes	☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes	☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes	☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes	☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: PCB Narration, VOA Narration.	☐ Yes	☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes	☐ No
5b.	Were these reporting limits met?	☐ Yes	☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes	☑ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes	☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee Date: Thursday, August 06, 2015
Printed Name: Ethan Lee
Position: Project Manager

PHOENIX

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ59683

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody.

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

BJ59684 - Sample(s) required a dilution for Pesticides due to a matrix interference caused by the presence of PCBs in the sample. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

Temperature above 6C:
The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no bias is suspected.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 07/21/15-1 (BJ59683)

The initial calibration (ETPH620I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (721A003_2) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/21/2015

Instrument: Au-fid11 07/21/15-1 (BJ59683, BJ59684, BJ59685)

As per section 7.2.3, a discrimination check standard was run (721A003_1) and contained the following outliers: None.

The initial calibration (ETPH625I) RSD for the compound list was less than 30% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/21/2015

Instrument: Aufid-d1 07/23/15-1 (BJ59686)

Initial Calibration (FID) - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

The initial calibration (ETPH711I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (723B003_1) and contained the following outliers:
C36 (57.8%L)

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/23/2015

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314380 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 50 - 150 with the following exceptions: None.

All MSD recoveries were within 50 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 07/21/15-1 (BJ59683, BJ59684)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 7/21/2015

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August 06, 2015

SDG I.D.: GBJ59683

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314447 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Arcos 07/20/15-1 (BJ59683)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/20/2015

Instrument: Arcos 07/21/15-1 (BJ59683)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/21/2015

Instrument: Arcos 07/22/15-1 (BJ59684)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.

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SDG I.D.: GBJ59683

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/22/2015

Instrument: Arcos 08/04/15-1 (BJ59684)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 8/4/2015

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SDG I.D.: GBJ59683

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314400 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

QC (Batch Specific)

---------- Sample No: BJ59684, QA/QC Batch: 314518 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ65150, QA/QC Batch: 315423 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

PAH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem05 07/20/15-1 (BJ59683, BJ59684, BJ59685, BJ59686)

Initial Calibration Verification (CHEM05/BN_0713):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM05/0720_06-BN_0713):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

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SDG I.D.: GBJ59683

The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/20/2015

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314365 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 30 - 130 with the following exceptions: None.

All MSD recoveries were within 30 - 130 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314366 (Samples: BJ59683, BJ59684) ---

The MS/MSD RPD exceeds the method criteria for one or more analytes, therefore there may be variability in the reported result. (PCB-1016, PCB-1260)

The MS/MSD RPD exceeds the method criteria for one or more surrogates, therefore there may be variability in the reported result. (%DCBP, %TCMX)

Instrument: Au-ecd1 07/21/15-1 (BJ59683, BJ59684)

The initial calibration (PC713A1) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC713B1) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Adam Werner
Position: Chemist
Date: 7/21/2015

Instrument: Au-ecd24 07/22/15-1 (BJ59684)

The initial calibration (PC706A1) RSD for the compound list was less than 20% except for the following compounds: None.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ59683

The initial calibration (PC706BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Adam Werner
Position: Chemist
Date: 7/22/2015

Instrument: Au-ecdcart1 07/21/15-1 (BJ59683)

The initial calibration (PC625AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC625BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Adam Werner
Position: Chemist
Date: 7/21/2015

QC (Site Specific)

---------- Sample No: BJ59683. QA/QC Batch: 314366 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: % DCBP (Surrogate Rec)(65.0%), % TCMX (Surrogate Rec)(63.6%), PCB-1016(64.5%), PCB-1260(69.8%)

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd13 07/22/15-1 (BJ59684)

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS722AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS722BI) RSD for the compound list was less than 20% except for the following compounds: None.

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RCP Certification Report

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SDG I.D.: GBJ59683

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/22/2015

Instrument: Au-ecd35 07/21/15-1 (BJ59683)

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS713AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS713BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/21/2015

Instrument: Au-ecd4 07/21/15-1 (BJ59684)

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS716AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS716BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/21/2015

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 06, 2015

SDG I.D.: GBJ59683

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314379 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 30 - 150 with the following exceptions: None.

All MSD recoveries were within 30 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314618 (Samples: BJ59683, BJ59684, BJ59685, BJ59686, BJ59687, BJ59688): -----

The LCS and/or LCSD recoveries for one or more analytes is below the method criteria. A low bias for these analytes is possible. (Acetone)

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (Chloroethane, Trichlorofluoromethane)

Instrument: Chem18 07/21/15-2 (BJ59683, BJ59684, BJ59685, BJ59686, BJ59687, BJ59688)

Initial Calibration Verification (CHEM18/VT-M0717):
94% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-Chloropropane (27%), 2-Hexanone (22%), Acetone (21%), Acrolein (33%), trans-1,4-Dichloro-2-butene (21%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM18/0721M33-VT-M0717):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/21/2015

Instrument: Chem18 07/22/15-1 (BJ59684)

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 06, 2015

SDG I.D.: GBJ59683

Initial Calibration Verification (CHEM18/VT-M0717):
94% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-Chloropropane (27%), 2-Hexanone (22%), Acetone (21%), Acrolein (33%), trans-1,4-Dichloro-2-butene (21%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM18/0722M13-VT-M0717):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/22/2015

QC (Site Specific)

---------- Sample No: BJ59683, QA/QC Batch: 314618 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: Acetone(62%)

All LCSD recoveries were within 70 - 130 with the following exceptions: Acetone(69%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 70 - 130 with the following exceptions: Chloroethane(25%), Trichlorofluoromethane(19%)

All MSD recoveries were within 70 - 130 with the following exceptions: Chloroethane(23%), Trichlorofluoromethane(20%)

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples were received at 8C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

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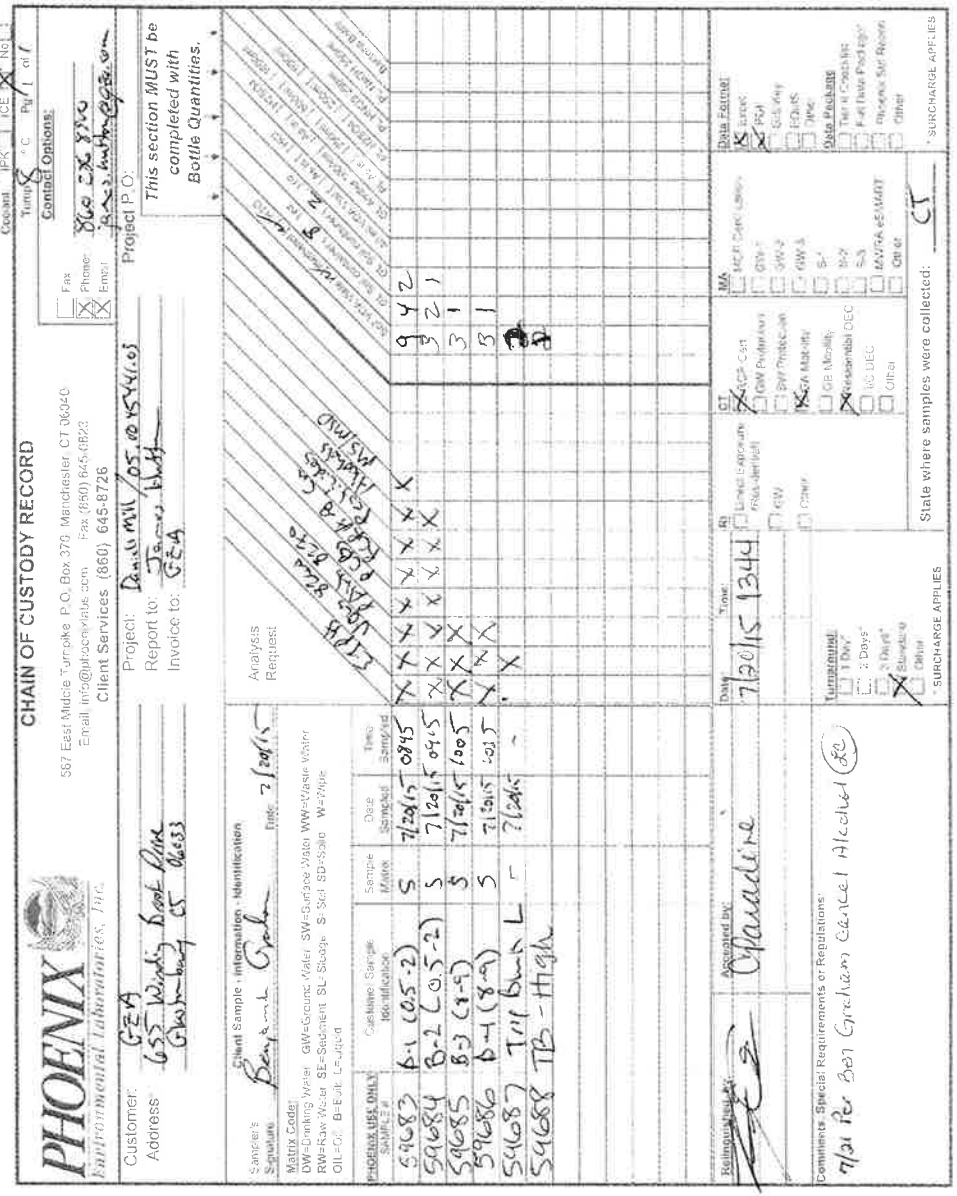
ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

RCP Certification Report

August 06, 2015

SDG I.D.: GBJ59683



GBJ 59683

Shannon - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Monday, August 03, 2015 11:45 AM
To: 'Shannon - Phoenixlabs'; 'Lori - Phoenixlabs'
Subject: FW: Danielles Mill Additional SPLP Analysis

can you add? thanks

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Monday, August 03, 2015 11:29 AM
To: 'bobbi@phoenixlabs.com'
Subject: Danielles Mill Additional SPLP Analysis

Bobbi,

Could we please have the following samples run for SPLP analysis.

Date Sampled	GZA ID	Phoenix ID	Analysis Requested
7/20/2015	B-2 (0.5-2)	BJ59684	SPLP Lead
7/22/2015	B-7 (3-5)	BJ62589	SPLP Lead, SPLP Arsenic
7/21/2015	B-10 (0.5-2)	BJ61166	SPLP Lead
7/21/2015	B-19 (0.5-3)	BJ61175	SPLP Lead, SPLP Barium

We would like a 3 day TOT.

Thanks
Anthony

Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3121 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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PHOENIX
Environmental Laboratories, Inc.

Thursday, August 06, 2015

Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL/05.0045441.00
Sample ID#s: BJ61166 - BJ61173, BJ61175, BJ61177

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	10:40
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61166

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	2.1	0.7	mg/Kg	1	07/23/15	LK	SW6010C
Barium	83.8	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	< 0.34	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	19.4	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Copper	20.4	0.34	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.06	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	58.7	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	07/23/15	LK	SW6010C
SPLP Lead	0.010	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Metals Digestion	Completed				08/04/15	U/U	SW3005A
Percent Solid	91		%		07/21/15	I	SW846-%Solid
Soil Extraction for Pesticide	Completed				07/21/15	JC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
SPLP Extraction for Metals	Completed				08/03/15	U	SW1312
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	360	55	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	74		%	1	07/22/15	JRB	50 - 150 %
Pesticides							
4,4'-DDD	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)

Phoenix I.D.: BJ61166

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDT	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
a-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Alachlor	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Aldrin	ND	3.6	ug/Kg	2	07/22/15	CE	SW8081B
b-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Chlordane	ND	36	ug/Kg	2	07/22/15	CE	SW8081B
d-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan I	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan II	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin aldehyde	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin ketone	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Methoxychlor	ND	36	ug/Kg	2	07/22/15	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	07/22/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	111		%	2	07/22/15	CE	30 - 150 %
% TCMX	97		%	2	07/22/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	560	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
2-Chlorotoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
2-Hexanone	ND	29	ug/Kg	1	07/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)

Phoenix I.D.: BJ61166

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	29	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	35	ug/Kg	1	07/23/15	JLI	SW8260C
Acrylonitrile	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromomethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
m&p-Xylene	7.8	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	35	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Naphthalene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
o-Xylene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
p-Isopropyltoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Styrene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
tert-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrachloroethene	15	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	7.8	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	510	ug/Kg	50	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	50	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	98		%	50	07/22/15	JLI	70 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61166
Client ID: B-10 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	97		%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	87		%	1	07/23/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	430	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	84		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	75		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	83		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	15:15
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61167

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-11 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	60		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dibromoethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,3-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
2,2-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
2-Chlorotoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
2-Hexanone	ND	51	ug/Kg	1	08/05/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
4-Chlorotoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	51	ug/Kg	1	08/05/15	JLI	SW8260C
Acetone	ND	62	ug/Kg	1	08/05/15	JLI	SW8260C
Acrylonitrile	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Benzene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Bromochloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromodichloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromoform	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromomethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Carbon Disulfide	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Carbon tetrachloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chlorobenzene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloroform	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Dibromochloromethane	ND	6.2	ug/Kg	1	08/05/15	JLI	SW8260C
Dibromomethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Dichlorodifluoromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Ethylbenzene	29	10	ug/Kg	1	08/05/15	JLI	SW8260C
Hexachlorobutadiene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Isopropylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
m&p-Xylene	82	10	ug/Kg	1	08/05/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	62	ug/Kg	1	08/05/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	21	ug/Kg	1	08/05/15	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Naphthalene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
n-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
n-Propylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
o-Xylene	41	10	ug/Kg	1	08/05/15	JLI	SW8260C
p-Isopropyltoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
sec-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Styrene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
tert-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Tetrachloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	21	ug/Kg	1	08/05/15	JLI	SW8260C
Toluene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Total Xylenes	123	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	700	ug/Kg	50	08/05/15	JLI	SW8260C
Trichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Trichlorofluoromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Vinyl chloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
QA/QC Surrogates							

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	99		%	50	08/05/15	JLI	70 - 130 %
% Bromofluorobenzene	93		%	50	08/05/15	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	08/05/15	JLI	70 - 130 %
% Toluene-d8	82		%	1	08/05/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	420	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	85		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	62		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	12:00
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61168

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-12 (0.5-1.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	52	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	67		%	1	07/22/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-12 (0.5-1.5)

Phoenix I.D.: BJ61168

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	66		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	91		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	12:30
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61169

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	2.1	0.7	mg/Kg	1	07/23/15	LK	SW6010C
Barium	62.9	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	< 0.37	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	74.3	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Copper	24.2	0.37	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.15	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	34.6	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	07/23/15	LK	SW6010C
Percent Solid	92		%		07/21/15	I	SW846-%Solid
Soil Extraction for Pesticide	Completed				07/21/15	JC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	74		%	1	07/22/15	JRB	50 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
4,4' -DDE	ND	50	ug/Kg	10	07/23/15	CE	SW8081B
4,4' -DDT	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
a-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61169
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Alachlor	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Aldrin	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
b-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Chlordane	ND	180	ug/Kg	10	07/23/15	CE	SW8081B
d-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Dieldrin	ND	50	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan I	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan II	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin aldehyde	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin ketone	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
g-BHC	ND	7.0	ug/Kg	10	07/23/15	CE	SW8081B
Heptachlor	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
Methoxychlor	ND	180	ug/Kg	10	07/23/15	CE	SW8081B
Toxaphene	ND	700	ug/Kg	10	07/23/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	127		%	10	07/23/15	CE	30 - 150 %
% TCMX	88		%	10	07/23/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	34	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61169
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.4	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	34	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	83		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61169
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	85		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	74		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	87		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Pesticide Comment:
Due to matrix interference caused by the presence of suspected PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	12:45
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61170

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	110		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1100	58	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	Interference		%	1	07/22/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61170
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61170
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	79		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61170
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	13:30
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61171

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-15 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	5.0	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	90		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/23/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/23/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	89		%	1	07/23/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61171
Client ID: B-15 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	23	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	2.8	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61171
Client ID: B-15 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	4.7	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	101		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	82		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	72		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	95		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-15 (0.5-2)

Phoenix I.D.: BJ61171

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	14:10
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61172

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	89		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	54		%	1	07/22/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	170	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61172
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	19000	5500	ug/Kg	1000	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	5200	5000	ug/Kg	1000	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2-Hexanone	ND	1400	ug/Kg	50	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	1400	ug/Kg	50	07/22/15	JLI	SW8260C
Acetone	ND	1700	ug/Kg	50	07/22/15	JLI	SW8260C
Acrylonitrile	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Benzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromochloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromoform	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromomethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloroform	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	170	ug/Kg	50	07/22/15	JLI	SW8260C
Dibromomethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Ethylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
m&p-Xylene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	1700	ug/Kg	50	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Methylene chloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Naphthalene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61172
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	2500	280	ug/Kg	50	07/22/15	JLI	SW8260C
o-Xylene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Styrene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Toluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Total Xylenes	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Trichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Vinyl chloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	50	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	102		%	50	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	97		%	50	07/22/15	JLI	70 - 130 %
% Toluene-d8	103		%	50	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	93		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61172
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	14:25
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61173

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-17 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	5.3	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	82		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	72		%	1	07/22/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-17 (0.5-2)

Phoenix I.D.: BJ61173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-17 (0.5-2)

Phoenix I.D.: BJ61173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	99		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	69		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	95		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-17 (0.5-2)

Phoenix I.D.: BJ61173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	15:00
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61175

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	1.4	0.8	mg/Kg	1	07/23/15	LK	SW6010C
Barium	1440	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	1.85	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	54.9	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Copper	59.0	0.38	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.11	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	1190	3.8	mg/Kg	10	07/24/15	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	07/23/15	LK	SW6010C
SPLP Barium	0.021	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Lead	0.029	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Metals Digestion	Completed				08/04/15	U/U	SW3005A
Percent Solid	89		%		07/21/15	I	SW846-%Solid
Soil Extraction for Pesticide	Completed				07/21/15	JC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
SPLP Extraction for Metals	Completed				08/03/15	U	SW1312
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	72	56	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	85		%	1	07/22/15	JRB	50 - 150 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)

Phoenix I.D.: BJ61175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pesticides							
4,4' -DDD	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDE	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDT	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
a-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Alachlor	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Aldrin	ND	3.7	ug/Kg	2	07/22/15	CE	SW8081B
b-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Chlordane	ND	37	ug/Kg	2	07/22/15	CE	SW8081B
d-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Dieldrin	ND	25	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan I	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan II	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endrin	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endrin aldehyde	ND	20	ug/Kg	2	07/22/15	CE	SW8081B
Endrin ketone	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Methoxychlor	ND	37	ug/Kg	2	07/22/15	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	07/22/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	77		%	2	07/22/15	CE	30 - 150 %
% TCMX	74		%	2	07/22/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)

Phoenix I.D.: BJ61175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)

Phoenix I.D.: BJ61175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	91		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	90		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Pesticide Comment:
Due to matrix interference caused by the presence of suspected PCBs in the sample, an elevated RL was reported.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 06, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61177

Project ID: DANIELS MILL/05.0045441.00
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				07/21/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61177
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.0	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	07/22/15	JLI	70 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61177
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	96		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an "as received" basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 06, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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QA/QC Report

August 06, 2015

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314672 (mg/kg), QC Sample No: BJ61166 (BJ61166, BJ61169, BJ61175)													
ICP Metals - Soil													
Arsenic	BRL	0.67	2.1	2.05	NC	95.1	102	7.0	94.5	94.7	0.2	75 - 125	30
Barium	BRL	0.33	83.8	77.8	7.40	107	104	2.8	89.6	87.0	2.9	75 - 125	30
Cadmium	BRL	0.33	<0.34	<0.36	NC	93.5	101	7.7	90.8	91.9	1.2	75 - 125	30
Chromium	BRL	0.33	19.4	20.2	4.00	89.2	106	6.6	94.7	95.3	0.6	75 - 125	30
Copper	BRL	0.33	20.4	20.8	1.90	95.6	104	8.4	105	103	1.9	75 - 125	30
Lead	BRL	0.33	58.7	50.8	14.4	96.8	98.6	1.8	91.5	89.2	2.5	75 - 125	30
Selenium	BRL	1.3	<1.4	<1.4	NC	79.6	83.9	5.3	81.6	81.7	0.1	75 - 125	30
Silver	BRL	0.33	<0.34	<0.36	NC	92.8	99.3	6.8	98.2	98.2	0.0	75 - 125	30
QA/QC Batch 314715 (mg/kg), QC Sample No: BJ61166 (BJ61166, BJ61169, BJ61175)													
Mercury - Soil	BRL	0.06	0.06	0.05	NC	102	105	2.9	88.4	94.5	6.7	70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 315423 (mg/L), QC Sample No: BJ65150 (BJ61166, BJ61175)													
ICP Metals - SPLP Extraction													
Barium	BRL	0.010	<0.010	<0.010	NC	98.6	100	1.4	103	101	2.0	75 - 125	20
Lead	BRL	0.010	<0.010	<0.010	NC	105	104	1.0	105	103	1.9	75 - 125	20

PHOENIX

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QA/QC Report

August 06, 2015

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314519 (mg/Kg), QC Sample No: BJ60744 (BJ61173, BJ61175)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum HC	ND	50	59	84	35.0	62	54	13.8	30 - 130	30
% n-Pentacosane	62	%	67	92	31.4	66	52	23.7	50 - 150	30
QA/QC Batch 314524 (mg/Kg), QC Sample No: BJ60899 (BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum HC	ND	50	76	62	20.3	80	69	14.8	30 - 130	30
% n-Pentacosane	80	%	77	61	23.2	77	69	11.0	50 - 150	30
QA/QC Batch 314526 (ug/kg), QC Sample No: BJ60983 (BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	77	79	2.6	85	71	17.9	30 - 130	30
Acenaphthene	ND	230	73	73	0.0	77	68	12.4	30 - 130	30
Acenaphthylene	ND	230	72	71	1.4	68	60	12.5	30 - 130	30
Anthracene	ND	230	82	82	0.0	81	74	9.0	30 - 130	30
Benz(a)anthracene	ND	230	84	88	4.7	74	66	11.4	30 - 130	30
Benzo(a)pyrene	ND	230	82	84	2.4	68	60	12.5	30 - 130	30
Benzo(b)fluoranthene	ND	230	84	87	3.5	70	58	18.8	30 - 130	30
Benzo(ghi)perylene	ND	230	83	88	5.8	67	60	11.0	30 - 130	30
Benzo(k)fluoranthene	ND	230	80	80	0.0	55	52	5.6	30 - 130	30
Chrysene	ND	230	86	88	2.3	75	66	12.8	30 - 130	30
Dibenz(a,h)anthracene	ND	230	82	86	4.8	81	74	9.0	30 - 130	30
Fluoranthene	ND	230	82	86	4.8	72	64	11.8	30 - 130	30
Fluorene	ND	230	75	76	1.3	77	69	11.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	84	90	6.9	66	60	9.5	30 - 130	30
Naphthalene	ND	230	70	72	2.8	78	66	16.7	30 - 130	30
Phenanthrene	ND	230	81	81	0.0	78	70	10.8	30 - 130	30
Pyrene	ND	230	82	85	3.6	71	64	10.4	30 - 130	30
% 2-Fluorobiphenyl	38	%	69	68	1.5	71	61	15.2	30 - 130	30
% Nitrobenzene-d5	38	%	66	67	1.5	72	61	16.5	30 - 130	30
% Terphenyl-d14	43	%	77	83	7.5	75	68	9.8	30 - 130	30
QA/QC Batch 314528 (ug/Kg), QC Sample No: BJ61045 2X (BJ61166, BJ61169, BJ61175)										
Pesticides - Soil										
4,4'-DDD	ND	1.7	97			82	84	2.4	40 - 140	30
4,4'-DDE	ND	1.7	90			84	72	15.4	40 - 140	30
4,4'-DDT	ND	1.7	87			76	80	5.1	40 - 140	30
a-BHC	ND	3.3	97			78	74	5.3	40 - 140	30
a-Chlordane	ND	3.3	98			86	82	4.8	40 - 140	30
Alachlor	ND	3.3	NA			NA	NA	NC	40 - 140	30
Aldrin	ND	1.0	96			78	75	3.9	40 - 140	30
b-BHC	ND	3.3	90			79	76	3.9	40 - 140	30
Chlordane	ND	33	100			84	82	2.4	40 - 140	30

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
d-BHC	ND	3.3	90			67	66	1.5	40 - 140	30	
Dieldrin	ND	1.0	96			82	79	3.7	40 - 140	30	
Endosulfan I	ND	3.3	93			86	76	12.3	40 - 140	30	
Endosulfan II	ND	3.3	100			88	88	0.0	40 - 140	30	
Endosulfan sulfate	ND	3.3	79			67	72	7.2	40 - 140	30	
Endrin	ND	3.3	91			75	73	2.7	40 - 140	30	
Endrin aldehyde	ND	3.3	89			79	85	7.3	40 - 140	30	
Endrin ketone	ND	3.3	103			80	87	8.4	40 - 140	30	
g-BHC	ND	1.0	90			76	75	1.3	40 - 140	30	
g-Chlordane	ND	3.3	100			84	82	2.4	40 - 140	30	
Heptachlor	ND	3.3	106			75	71	5.5	40 - 140	30	
Heptachlor epoxide	ND	3.3	89			74	71	4.1	40 - 140	30	
Methoxychlor	ND	3.3	86			76	81	6.4	40 - 140	30	
Toxaphene	ND	130	NA			NA	NA	NC	40 - 140	30	
% DCBP	106	%	97			83	95	13.5	30 - 150	30	
% TCMX	94	%	92			76	76	0.0	30 - 150	30	

Comment:

The QC for this batch consists of a Blank, LCS, MS, and MSD.

QA/QC Batch 315077 (mg/kg), QC Sample No: BJ61173 (BJ61170, BJ61171, BJ61172, BJ61173)

Alcohol Analysis - Soil

Ethanol	ND	1.0	107	92	15.1	85	104	20.1	70 - 130	30	
Isobutyl alcohol	ND	1.0	87	122	33.5	116	136	15.9	70 - 130	30	m,r
Isopropyl alcohol	ND	1.0	97	124	24.4	118	147	21.9	70 - 130	30	m
Methanol	ND	1.0	77	106	31.7	107	122	13.1	70 - 130	30	r
n-Butyl alcohol	ND	1.0	85	112	27.4	100	135	29.8	70 - 130	30	m
Propanol	ND	1.0	87	97	10.9	94	121	25.1	70 - 130	30	
Sec-Butanol	ND	1.0	92	119	25.6	119	141	16.9	70 - 130	30	m
% 2-Pentanol(surr)	120	%	93	130	33.2	126	145	14.0	70 - 130	30	m,r

QA/QC Batch 314644 (ug/kg), QC Sample No: BJ61175 (BJ61166 (50X) , BJ61168, BJ61169, BJ61170, BJ61171, BJ61172 (50X, 1000X) , BJ61173, BJ61175, BJ61177)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	99	101	2.0	98	102	4.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	105	107	1.9	108	113	4.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	91	96	5.3	95	103	8.1	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	89	93	4.4	91	95	4.3	70 - 130	30	
1,1-Dichloroethane	ND	5.0	113	115	1.8	113	119	5.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	108	109	0.9	80	88	9.5	70 - 130	30	
1,1-Dichloropropene	ND	5.0	96	99	3.1	101	108	6.7	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	85	87	2.3	79	91	14.1	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	94	98	4.2	97	106	8.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	85	85	0.0	81	92	12.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	90	91	1.1	90	98	8.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	88	93	5.5	82	99	18.8	70 - 130	30	
1,2-Dibromoethane	ND	5.0	95	97	2.1	93	98	5.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	90	91	1.1	91	97	6.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	99	103	4.0	99	103	4.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	94	96	2.1	96	98	2.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	96	96	0.0	95	106	10.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	88	89	1.1	91	97	6.4	70 - 130	30	
1,3-Dichloropropane	ND	5.0	95	96	1.0	94	98	4.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	87	88	1.1	90	96	6.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	105	1.9	105	112	6.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Chlorotoluene	ND	5.0	91	92	1.1	91	99	8.4	70 - 130	30	
2-Hexanone	ND	25	84	91	8.0	88	96	8.7	70 - 130	30	
2-Isopropyltoluene	ND	5.0	94	96	2.1	95	103	8.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	89	89	0.0	89	96	7.6	70 - 130	30	
4-Methyl-2-pentanone	ND	25	89	84	5.5	93	100	7.3	70 - 130	30	
Acetone	ND	10	77	81	5.1	65	71	8.8	70 - 130	30	m
Acrylonitrile	ND	5.0	95	100	5.1	97	108	10.7	70 - 130	30	
Benzene	ND	1.0	94	96	2.1	97	102	5.0	70 - 130	30	
Bromobenzene	ND	5.0	88	91	3.4	88	95	7.7	70 - 130	30	
Bromochloromethane	ND	5.0	102	103	1.0	100	102	2.0	70 - 130	30	
Bromodichloromethane	ND	5.0	104	107	2.8	104	105	1.0	70 - 130	30	
Bromoform	ND	5.0	104	106	1.9	101	106	4.8	70 - 130	30	
Bromomethane	ND	5.0	117	118	0.9	62	74	17.6	70 - 130	30	m
Carbon Disulfide	ND	5.0	116	117	0.9	85	98	14.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	107	108	0.9	103	113	9.3	70 - 130	30	
Chlorobenzene	ND	5.0	93	93	0.0	95	99	4.1	70 - 130	30	
Chloroethane	ND	5.0	101	98	3.0	29	30	3.4	70 - 130	30	m
Chloroform	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
Chloromethane	ND	5.0	97	98	1.0	103	109	5.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	101	103	2.0	98	103	5.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	102	105	2.9	103	106	2.9	70 - 130	30	
Dibromochloromethane	ND	3.0	104	105	1.0	101	103	2.0	70 - 130	30	
Dibromomethane	ND	5.0	97	99	2.0	96	98	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	103	105	1.9	119	129	8.1	70 - 130	30	
Ethylbenzene	ND	1.0	97	97	0.0	99	106	6.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	89	92	3.3	93	103	10.2	70 - 130	30	
Isopropylbenzene	ND	1.0	93	96	3.2	94	103	9.1	70 - 130	30	
m&p-Xylene	ND	2.0	97	97	0.0	99	106	6.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	79	85	7.3	82	90	9.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	106	109	2.8	103	106	2.9	70 - 130	30	
Methylene chloride	ND	5.0	97	98	1.0	94	98	4.2	70 - 130	30	
Naphthalene	ND	5.0	95	99	4.1	86	101	16.0	70 - 130	30	
n-Butylbenzene	ND	1.0	91	92	1.1	94	104	10.1	70 - 130	30	
n-Propylbenzene	ND	1.0	86	89	3.4	88	96	8.7	70 - 130	30	
o-Xylene	ND	2.0	96	97	1.0	98	104	5.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	94	95	1.1	94	105	11.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	96	98	2.1	100	108	7.7	70 - 130	30	
Styrene	ND	5.0	95	96	1.0	97	102	5.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	95	96	1.0	96	105	9.0	70 - 130	30	
Tetrachloroethene	ND	5.0	91	93	2.2	97	104	7.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	93	99	6.3	96	105	9.0	70 - 130	30	
Toluene	ND	1.0	93	95	2.1	98	101	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	107	108	0.9	106	112	5.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	105	108	2.8	105	108	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	98	103	5.0	97	106	8.9	70 - 130	30	
Trichloroethene	ND	5.0	98	99	1.0	100	105	4.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	110	109	0.9	21	23	9.1	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	101	103	2.0	82	92	11.5	70 - 130	30	
Vinyl chloride	ND	5.0	111	112	0.9	124	133	7.0	70 - 130	30	m
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	96	%	103	105	1.9	104	104	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	101	102	1.0	99	98	1.0	70 - 130	30	
% Toluene-d8	99	%	100	100	0.0	100	99	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 314780 (ug/kg), QC Sample No: BJ61609 (BJ61166)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	95	93	2.1	94	101	7.2	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	106	100	5.8	99	106	6.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	91	4.3	91	98	8.4	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	90	88	2.2	87	92	5.6	70 - 130	30	
1,1-Dichloroethane	ND	5.0	111	107	3.7	105	113	7.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	104	5.6	62	65	4.7	70 - 130	30	m
1,1-Dichloropropene	ND	5.0	97	89	8.6	94	100	6.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	93	92	1.1	90	97	7.5	70 - 130	30	
1,2-Dichloroethane	ND	5.0	99	95	4.1	95	100	5.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	95	89	6.5	90	96	6.5	70 - 130	30	
1,3-Dichloropropane	ND	5.0	93	91	2.2	89	98	9.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	96	7.0	101	111	9.4	70 - 130	30	
2-Hexanone	ND	25	86	87	1.2	86	93	7.8	70 - 130	30	
4-Methyl-2-pentanone	ND	25	92	91	1.1	90	95	5.4	70 - 130	30	
Acetone	ND	10	81	82	1.2	56	62	10.2	70 - 130	30	m
Acrylonitrile	ND	5.0	97	97	0.0	92	98	6.3	70 - 130	30	
Benzene	ND	1.0	95	89	6.5	91	97	6.4	70 - 130	30	
Bromochloromethane	ND	5.0	102	95	7.1	95	102	7.1	70 - 130	30	
Bromodichloromethane	ND	5.0	105	99	5.9	97	105	7.9	70 - 130	30	
Bromoform	ND	5.0	103	100	3.0	96	105	9.0	70 - 130	30	
Bromomethane	ND	5.0	129	118	8.9	55	68	21.1	70 - 130	30	m
Carbon Disulfide	ND	5.0	122	114	6.8	72	76	5.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	104	99	4.9	97	102	5.0	70 - 130	30	
Chlorobenzene	ND	5.0	90	86	4.5	91	98	7.4	70 - 130	30	
Chloroethane	ND	5.0	105	99	5.9	25	28	11.3	70 - 130	30	m
Chloroform	ND	5.0	102	96	6.1	87	94	7.7	70 - 130	30	
Chloromethane	ND	5.0	101	96	5.1	102	109	6.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	95	7.1	92	99	7.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	97	6.0	98	106	6.8	70 - 130	30	
Dibromochloromethane	ND	3.0	102	98	4.0	96	104	8.0	70 - 130	30	
Dibromomethane	ND	5.0	100	92	8.3	90	96	6.5	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	118	110	7.0	117	128	9.0	70 - 130	30	
Ethylbenzene	ND	1.0	92	89	3.3	93	101	8.2	70 - 130	30	
m&p-Xylene	ND	2.0	93	88	5.5	95	103	8.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	78	80	2.5	78	81	3.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	107	3.7	94	102	8.2	70 - 130	30	
Methylene chloride	ND	5.0	100	95	5.1	83	90	8.1	70 - 130	30	
o-Xylene	ND	2.0	95	90	5.4	94	102	8.2	70 - 130	30	
Styrene	ND	5.0	93	88	5.5	93	102	9.2	70 - 130	30	
Tetrachloroethene	ND	5.0	91	83	9.2	95	98	3.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	95	94	1.1	91	98	7.4	70 - 130	30	
Toluene	ND	1.0	93	87	6.7	93	98	5.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	112	103	8.4	93	102	9.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	106	100	5.8	103	110	6.6	70 - 130	30	
Trichloroethene	ND	5.0	94	88	6.6	94	98	4.2	70 - 130	30	
Trichlorofluoromethane	ND	5.0	114	107	6.3	18	20	10.5	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	103	98	5.0	65	69	6.0	70 - 130	30	m
Vinyl chloride	ND	5.0	119	110	7.9	118	128	8.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Dibromofluoromethane	100	%	100	101	1.0	95	100	5.1	70 - 130	30	
% Toluene-d8	100	%	101	101	0.0	99	98	1.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 316169 (ug/kg), QC Sample No: BJ67196 (BJ61167)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	113	112	0.9	105	112	6.5	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	105	103	1.9	96	104	8.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	106	105	0.9	100	110	9.5	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	107	106	0.9	98	108	9.7	70 - 130	30	
1,1-Dichloroethane	ND	5.0	104	102	1.9	94	104	10.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	106	3.7	67	67	0.0	70 - 130	30	m
1,1-Dichloropropene	ND	5.0	108	107	0.9	103	110	6.6	70 - 130	30	
1,2-Dibromoethane	ND	5.0	110	110	0.0	101	111	9.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	107	105	1.9	96	104	8.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	109	107	1.9	102	109	6.6	70 - 130	30	
1,3-Dichloropropane	ND	5.0	109	109	0.0	102	110	7.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	78	81	3.8	94	105	11.1	70 - 130	30	
2-Hexanone	ND	25	89	90	1.1	80	88	9.5	70 - 130	30	
4-Methyl-2-pentanone	ND	25	103	101	2.0	90	101	11.5	70 - 130	30	
Acetone	ND	10	71	69	2.9	18	18	0.0	70 - 130	30	l,m
Acrylonitrile	ND	5.0	107	105	1.9	92	104	12.2	70 - 130	30	
Benzene	ND	1.0	111	109	1.8	105	111	5.6	70 - 130	30	
Bromochloromethane	ND	5.0	100	99	1.0	88	99	11.8	70 - 130	30	
Bromodichloromethane	ND	5.0	117	115	1.7	103	112	8.4	70 - 130	30	
Bromoform	ND	5.0	117	116	0.9	97	105	7.9	70 - 130	30	
Bromomethane	ND	5.0	107	107	0.0	68	84	21.1	70 - 130	30	m
Carbon Disulfide	ND	5.0	114	112	1.8	67	69	2.9	70 - 130	30	m
Carbon tetrachloride	ND	5.0	104	102	1.9	90	99	9.5	70 - 130	30	
Chlorobenzene	ND	5.0	106	105	0.9	101	108	6.7	70 - 130	30	
Chloroethane	ND	5.0	109	108	0.9	47	32	38.0	70 - 130	30	m,r
Chloroform	ND	5.0	101	100	1.0	93	95	2.1	70 - 130	30	
Chloromethane	ND	5.0	95	96	1.0	89	99	10.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	103	0.0	96	105	9.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	111	110	0.9	103	112	8.4	70 - 130	30	
Dibromochloromethane	ND	3.0	125	122	2.4	110	117	6.2	70 - 130	30	
Dibromomethane	ND	5.0	108	106	1.9	96	106	9.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	114	112	1.8	101	40	86.5	70 - 130	30	m,r
Ethylbenzene	ND	1.0	108	107	0.9	105	110	4.7	70 - 130	30	
m&p-Xylene	ND	2.0	104	102	1.9	101	108	6.7	70 - 130	30	
Methyl ethyl ketone	ND	5.0	76	76	0.0	69	78	12.2	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	101	102	1.0	99	108	8.7	70 - 130	30	
Methylene chloride	ND	5.0	96	98	2.1	68	70	2.9	70 - 130	30	m
o-Xylene	ND	2.0	105	105	0.0	101	108	6.7	70 - 130	30	
Styrene	ND	5.0	103	102	1.0	99	105	5.9	70 - 130	30	
Tetrachloroethene	ND	5.0	105	103	1.9	103	110	6.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	98	97	1.0	87	98	11.9	70 - 130	30	
Toluene	ND	1.0	106	105	0.9	100	108	7.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	106	104	1.9	92	99	7.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	110	0.9	102	111	8.5	70 - 130	30	
Trichloroethene	ND	5.0	114	111	2.7	103	111	7.5	70 - 130	30	
Trichlorofluoromethane	ND	5.0	102	99	3.0	36	40	10.5	70 - 130	30	m

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichlorotrifluoroethane	ND	5.0	111	105	5.6	71	67	5.8	70 - 130	30	
Vinyl chloride	ND	5.0	108	107	0.9	37	37	0.0	70 - 130	30	m
% Dibromofluoromethane	91	%	89	90	1.1	87	88	1.1	70 - 130	30	
% Toluene-d8	95	%	98	99	1.0	97	99	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 316171 (ug/kg), QC Sample No: BJ68047 (BJ61167 (50X))

Volatiles - Soil

1,2,3-Trichlorobenzene	ND	5.0	84	91	8.0	95	93	2.1	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	91	100	9.4	106	102	3.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	74	85	13.8	92	88	4.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	81	89	9.4	90	84	6.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	93	111	17.6	110	108	1.8	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	88	94	6.6	99	98	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	85	92	7.9	99	98	1.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	85	94	10.1	99	97	2.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	82	89	8.2	98	95	3.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	87	96	9.8	101	98	3.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	90	98	8.5	104	103	1.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	84	90	6.9	100	96	4.1	70 - 130	30	
Bromobenzene	ND	5.0	92	101	9.3	104	103	1.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	92	102	10.3	107	104	2.8	70 - 130	30	
Isopropylbenzene	ND	1.0	93	99	6.3	107	107	0.0	70 - 130	30	
Naphthalene	ND	5.0	91	100	9.4	93	82	12.6	70 - 130	30	
n-Butylbenzene	ND	1.0	80	89	10.7	98	94	4.2	70 - 130	30	
n-Propylbenzene	ND	1.0	85	92	7.9	101	97	4.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	85	94	10.1	101	99	2.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	90	98	8.5	104	102	1.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	91	99	8.4	105	104	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	87	96	9.8	102	97	5.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	103	102	1.0	104	103	1.0	70 - 130	30	
% Bromofluorobenzene	91	%	98	97	1.0	99	96	3.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 06, 2015

Sample Criteria Exceedences Report

GBJ61165 - GZACTENG

Thursday, August 06, 2015
Criteria: CT; GAM; RC
State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ61167	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / RES DEC (mg/	ND	10	?	7	ug/Kg
BJ61169	$PEST_SMR	Chlordane	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	180	66	66	ug/Kg
BJ61169	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	50	7	7	ug/Kg
BJ61169	$PEST_SMR	Heptachlor	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	18	13	13	ug/Kg
BJ61169	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	700	330	330	ug/Kg
BJ61169	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	50	38	38	ug/Kg
BJ61169	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	700	560	560	ug/Kg
BJ61170	$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	1100	58	500	500	mg/Kg
BJ61170	$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	1100	58	500	500	mg/Kg
BJ61172	$8260MAR	1,2-Dichloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	1,2,4-Trimethylbenzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	18000	5500	7000	7000	ug/Kg
BJ61172	$8260MAR	1,1-Dichloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	140	140	ug/Kg
BJ61172	$8260MAR	1,1,2-Trichloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	1,1,1,2-Tetrachloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	Benzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	1,1,2,2-Tetrachloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	170	10	10	ug/Kg
BJ61172	$8260MAR	cis-1,3-Dichloropropene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	Vinyl chloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	40	40	ug/Kg
BJ61172	$8260MAR	Trichloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	trans-1,3-Dichloropropene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	n-Propylbenzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	2500	280	1400	1400	ug/Kg
BJ61172	$8260MAR	1,2-Dichloropropane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Dibromochloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	170	10	10	ug/Kg
BJ61172	$8260MAR	Chloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	54	54	ug/Kg
BJ61172	$8260MAR	Chloroform	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	120	120	ug/Kg
BJ61172	$8260MAR	Carbon tetrachloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Bromomethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	200	200	ug/Kg
BJ61172	$8260MAR	Bromoform	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	80	80	ug/Kg
BJ61172	$8260MAR	Bromodichloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	11	11	ug/Kg
BJ61172	$8260MAR	Methylene chloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / RES DEC (mg/	ND	280	?	7	ug/Kg
BJ61175	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	25	7	7	ug/Kg
BJ61175	PB-SM	Lead	CT / INORGANIC SUBSTANCES / RES DEC (mg/kg)	1190	3.8	400	400	mg/Kg
BJ61175	SPLP-PB	SPLP Lead	CT / INORGANIC SUBSTANCES / GA/GAA PMC (mg/l)**	0.028	0.010	0.015	0.015	mg/L

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL/05.0045441.00 **Project Number:**

Laboratory Sample ID(s): BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177

Sampling Date(s): 7/21/2015

RCP Methods Used:

☑ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☑ 8081 ☐ EPH ☐ TO15
☐ 8082 ☐ 8451 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes	☐ No
1a.	Were the method specified preservation and holding time requirements met?	☐ Yes	☑ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes	☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes	☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes	☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Sections: ALCOHOL, ETPH Narration, VOA Narration.	☐ Yes	☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes	☐ No
5b.	Were these reporting limits met?	☐ Yes	☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes	☑ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes	☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ Date: Thursday, August 06, 2015

Printed Name: Maryam Taylor

Position: Project Manager

Nov 2007

Sample Criteria Exceedences Report
GBJ61165 - GZACTENG

Thursday, August 06, 2015
Criteria: CT: GAM, RC
State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody.

Sample(s) required a dilution for Volatiles due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

Sample(s) required a dilution for Pesticides due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

BJ61167 - The holding time limit was exceeded for Volatiles. A low bias can not be ruled out.

ALCOHOL

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 315077 (Samples: BJ61170, BJ61171, BJ61172, BJ61173): ----

One or more surrogates is outside of criteria. (% 2-Pentanol(surr))

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s) so no variability is suspected. (Isobutyl alcohol, Methanol)

The LCS/LCSD RPD exceeds the method criteria for one or more surrogates, therefore there may be variability in the reported result. (% 2-Pentanol(surr))

The MS and/or the MSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Isobutyl alcohol, Isopropyl alcohol, n-Butyl alcohol, Sec-Butanol)

Instrument: Headspace 07/27/15-1 (BJ61170, BJ61171, BJ61172, BJ61173)

Printed Name Jeff Bucko
Position: Chemist
Date: 7/27/2015

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ61173, QA/QC Batch: 315077 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % 2-Pentanol(surr)(33.2%), Isobutyl alcohol(33.5%), Methanol(31.7%)

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314519 (Samples: BJ61173, BJ61175): -----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, therefore there may be variability in the reported result. (Ext. Petroleum HC)

The LCS/LCSD RPD exceeds the method criteria for one or more surrogates. Both recoveries are within limits. No significant ias is suspected. (% n-Pentacosane)

Instrument: Au-fid11 07/22/15-1 (BJ61166, BJ61168, BJ61169, BJ61170)

The initial calibration (ETPH625l) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

Instrument: Au-fid11 07/23/15-1 (BJ61171)

The initial calibration (ETPH625l) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (723A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/23/2015

Instrument: Au-fid84 07/22/15-1 (BJ61172)

Initial Calibration (FID84 - ETPH_413) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

The initial calibration (ETPH7091) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

Instrument: Aufid-d1 07/22/15-1 (BJ61173, BJ61175)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

The initial calibration (ETPH711I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722B003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

QC (Batch Specific)

---------- Sample No: BJ60744, QA/QC Batch: 314519 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % n-Pentacosane(31.4%), Ext. Petroleum HC(35.0%)

---------- Sample No: BJ60899, QA/QC Batch: 314524 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 07/23/15-1 (BJ61166, BJ61169, BJ61175)

The method preparation blank contains all of the acids and reagents as the samples: the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 7/23/2015

QC (Batch Specific)

---------- Sample No: BJ61166, QA/QC Batch: 314715 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Arcos 07/22/15-1 (BJ61166, BJ61169, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/22/2015

Instrument: Arcos 07/23/15-1 (BJ61166, BJ61169, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/23/2015

Instrument: Arcos 07/24/15-1 (BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/24/2015

Instrument: Arcos 08/04/15-1 (BJ61166, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 8/4/2015

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report
August 06, 2015
SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ61166, QA/QC Batch: 314672 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ65150, QA/QC Batch: 315423 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd13 07/22/15-1 (BJ61166, BJ61169, BJ61175)

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS722AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS722BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/22/2015

QC Comments: QC Batch 314528 07/21/15 (BJ61166, BJ61169, BJ61175)

The QC for this batch consists of a Blank, LCS, MS, and MSD.

QC (Batch Specific)

---------- Sample No: BJ61045, QA/QC Batch: 314528 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem19 07/21/15-2 (BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

Initial Calibration Verification (CHEM19/SV_0720):
97% of target compounds met criteria
The following compounds had %RSDs >20%: 2,4-Dinitrophenol (56%), 4,6-Dinitro-2-methylphenol (28%), Pentachlorophenol (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM19/0721_22-SV_0720):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: 4-nitrophenol (44%H)|30%|
The following compounds did not meet maximum % deviations: 4-nitrophenol (44%H)|40%|
The following compounds did not meet recommended response factors: 2-nitrophenol (.056)|0.1|, Hexachlorobenzene (.086)|0.1|
The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/21/2015

QC (Batch Specific)

---------- Sample No: BJ60983, QA/QC Batch: 314526 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314644 (Samples: BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177): ----

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (Acetone, Bromomethane, Chloroethane, Trichlorofluoromethane)

The MS and/or the MSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Vinyl chloride)

QC Batch 316169 (Sample: BJ61167) ----

The QC recoveries for one or more analytes are below the method criteria. A low bias is possible. (Acetone)

Instrument: Chem03 07/22/15-1 (BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177)

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0722L02-VT-L0622):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/22/2015

Instrument: Chem03 07/23/15-1 (BJ61166)

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0723L02-VT-L0622):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: Bromomethane (31%L)|30%|
The following compounds did not meet maximum % deviations: None.

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RCP Certification Report

August 06, 2015

SDG I.D.: GBJ61165

The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/23/2015

Instrument: Chem15 08/05/15-1 (BJ61167)

Initial Calibration Verification (CHEM15/VT-B0803):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (26%), Chloroethane (23%), Methylacetate (33%), Methylene Chloride (33%)
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM15/0805B03-VT-B0803):
98% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 2,2-dichloropropane (34%L)[30%], Acrolein (54%H)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 8/5/2015

Instrument: Chem18 08/05/15-1 (BJ61167)

Initial Calibration Verification (CHEM18/VT-M0729):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-Chloropropane (23%), Acrolein (31%)
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM18/0805M03-VT-M0729):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 8/5/2015

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report
August 06, 2015
SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ61175, QA/QC Batch: 314644 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ61609, QA/QC Batch: 314780 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ67196, QA/QC Batch: 316169 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: Acetone(69%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ68047, QA/QC Batch: 316171 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒ No ☐
Temp 4 °C Pg 1 of 2

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☒ Phone: 860 286 8540
☒ Email: james.hutton@gza.com

Customer: GZA
Address: 655 Windsor Brook Drive, Glastonbury CT 06033

Project: Daniels Mill / 05.0045441.05
Report to:
Invoice to:

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7/21/15

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	4 SVOA	VOCs 8260	PAHs 8270	8 RCRA Metals	Pesticides	PCBs	Soil VOA Vials (Methanol added)	GL Soil container (1 oz)	GL Soil container (2 oz)	40 ml VOA Vial	GL Amber 1000ml	Pl. As is	Pl. 250ml	Pl. 500ml	Pl. 1000ml
611165	B-9 (0.5-2)	S	7/21/15	1005					X		3	2							
611166	B-10 (0.5-2)			1040	X	X	X	X	X		3	2							
611167	B-11 (0.5-2)			1515			X				3		1						
611168	B-12 (0.5-1.5)			1200	X	X	X				3	1							
611169	B-13 (0.25-1)			1230	X	X	X	X	X		3	1							
611170	B-14 (0.5-2)			1245	X	X	X			X	3	2							
611171	B-15 (0.5-2)			1330	X	X	X			X	3	1							
611172	B-16 (6-6.5)			MIO	X	X	X			X	3	1							
611173	B-17 (0.5-2)			1425	X	X	X			X	3	1							
611174	B-18 (0.5-2)			1450					X		3	1							
611175	B-19 (0.5-3)			1500	X	X	X	X	X		3	1							
611176	B-20 (0.5-1.5)	↓	↓	1550					X		3	1			1				

Relinquished by:	Accepted by:	Date:	Time:
Ben Graham	[signature]	7/21/15	17:23

Comments, Special Requirements or Regulations:
Hold any extra soil for potential analysis.

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☒ RCP Cert
☐ GW Protection
☐ SW Protection
☒ GA Mobility
☐ GB Mobility
☒ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒ No ☐
Temp 4 °C Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☒ Phone: 860 286 8540
☒ Email: james.hutton@gza.com

Customer: GZA
Address: 655 Windsor Brook Drive, Glastonbury CT 06033

Project: Daniels Mill / 05.0045441.05
Report to: Jim Hutton
Invoice to: GZA

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7/21/15

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	Soil VOA Vials (Methanol added)	GL Soil container (1 oz)	GL Soil container (2 oz)	40 ml VOA Vial	GL Amber 1000ml	Pl. As is	Pl. 250ml	Pl. 500ml	Pl. 1000ml
611177	Trip Blank LL	DI	7/21/15	~	X	2								
* 611178	Trip Blank High	Methanol	↓	~	X	1								

Relinquished by:	Accepted by:	Date:	Time:
Ben Graham	[signature]	7/21/15	17:23

Comments, Special Requirements or Regulations:
* received 3 Low Level vials w/ custody seals for Trip Blanks. No High level vial received. emailed client 7/21/15

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☒ RCP Cert
☐ GW Protection
☐ SW Protection
☒ GA Mobility
☐ GB Mobility
☒ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

GBJ61165

Shannon - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Monday, August 03, 2015 11:45 AM
To: 'Shannon - Phoenixlabs'; 'Lori - Phoenixlabs'
Subject: FW: Danielles Mill Additional SPLP Analysis

can you add? thanks

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Monday, August 03, 2015 11:29 AM
To: 'bobbi@phoenixlabs.com'
Subject: Danielles Mill Additional SPLP Analysis

Bobbi,

Could we please have the following samples run for SPLP analysis.

Date Sampled	GZA ID	Phoenix ID	Analysis Requested
7/20/2015	B-2 (0.5-2)	BJ59684	SPLP Lead
7/22/2015	B-7 (3-5)	BJ62589	SPLP Lead, SPLP Arsenic
7/21/2015	B-10 (0.5-2)	BJ61166	SPLP Lead
7/21/2015	B-19 (0.5-3)	BJ61175	SPLP Lead, SPLP Barium

We would like a 3 day TOT.

Thanks
Anthony
Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3121 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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Linda - Phoenixlabs

From: Anthony Trani [Anthony.Trani@gza.com]
Sent: Tuesday, August 04, 2015 2:33 PM
To: Linda - Phoenixlabs; bobbi@phoenixlabs.com
Cc: James Hutton
Subject: RE: Daniel's Mill Additional Analysis

We would like to run it for VOCs anyways.

Thanks
Anthony

From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Tuesday, August 04, 2015 2:32 PM
To: Anthony Trani <Anthony.Trani@gza.com>; bobbi@phoenixlabs.com
Cc: James Hutton <james.hutton@gza.com>
Subject: RE: Daniel's Mill Additional Analysis

Anthony
It looks like that sample was taken on 7/20, it is past hold for VOC. Please let me know what you would like to do.
thanks
Linda

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law.

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Tuesday, August 04, 2015 2:28 PM
To: 'bobbi@phoenixlabs.com'
Cc: 'linda@phoenixlabs.com'; James Hutton
Subject: Daniel's Mill Additional Analysis

Bobbi,

We would like to have sample B-11 (0.5-2) with Phoenix ID #61167 run for VOCs. We would like a 3 day TOT.

Please confirm that you still have the sample and can run the VOC analysis for us.

Thank
Anthony

Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3121 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at www.gza.com.

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For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at www.gza.com.

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 29, 2015

Attn: Mr. Jim Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL 05.0045441.03
Sample ID#s: BJ62586 - BJ62589

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 29, 2015

FOR: Attn: Mr. Jim Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/22/15	
Location Code:	GZACTENG	Received by:	LB	07/23/15	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62586
Phoenix ID: BJ62586

Project ID: DANIELS MILL 05.0045441.03
Client ID: TRIP BLANK LL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				07/22/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
2-Chlorotoluene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	07/24/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
4-Chlorotoluene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: DANIELS MILL 05.0045441.03
Client ID: TRIP BLANK LL

Phoenix I.D.: BJ62586

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	30	ug/Kg	1	07/24/15	JLI	SW8260C
Acrylonitrile	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Bromobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon Disulfide	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	3.0	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromomethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Naphthalene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
n-Butylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
n-Propylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
sec-Butylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
tert-Butylbenzene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	5.0	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	07/24/15	JLI	70 - 130 %

Project ID: DANIELS MILL 05.0045441.03
Client ID: TRIP BLANK LL

Phoenix I.D.: BJ62586

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	95		%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	99		%	1	07/24/15	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.
Trip blank included

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
July 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 29, 2015

FOR: Attn: Mr. Jim Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/22/15	
Location Code:	GZACTENG	Received by:	LB	07/23/15	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62586
Phoenix ID: BJ62587

Project ID: DANIELS MILL 05.0045441.03
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				07/22/15		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,1-Dichloropropene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,3-Dichloropropane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
2,2-Dichloropropane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
2-Chlorotoluene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
2-Hexanone	ND	1300	ug/Kg	50	07/24/15	JLI	SW8260C
2-Isopropyltoluene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
4-Chlorotoluene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	07/24/15	JLI	SW8260C
Acetone	ND	5000	ug/Kg	50	07/24/15	JLI	SW8260C
Acrylonitrile	ND	500	ug/Kg	50	07/24/15	JLI	SW8260C
Benzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Bromobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Bromochloromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Bromoform	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Bromomethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Carbon Disulfide	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Chlorobenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Chloroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Chloroform	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Chloromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Dibromomethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Ethylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Hexachlorobutadiene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
m&p-Xylene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	3000	ug/Kg	50	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Methylene chloride	ND	500	ug/Kg	50	07/24/15	JLI	SW8260C
Naphthalene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
n-Butylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
n-Propylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
o-Xylene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
p-Isopropyltoluene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
sec-Butylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Styrene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
tert-Butylbenzene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	500	ug/Kg	50	07/24/15	JLI	SW8260C
Toluene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Total Xylenes	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	50	07/24/15	JLI	SW8260C
Trichloroethene	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
Vinyl chloride	ND	250	ug/Kg	50	07/24/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	50	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	98		%	50	07/24/15	JLI	70 - 130 %

Project ID: DANIELS MILL 05.0045441.03 Phoenix I.D.: BJ62587
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	94		%	50	07/24/15	JLI	70 - 130 %
% Toluene-d8	101		%	50	07/24/15	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.
Trip blank included

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Phyllis Shiller, Laboratory Director
July 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 29, 2015

FOR: Attn: Mr. Jim Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/22/15	8:15
Location Code:	GZACTENG	Received by:	LB	07/23/15	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62586
Phoenix ID: BJ62588

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-5 5-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Arsenic	1.6	0.7	mg/Kg	1	07/24/15	LK	SW6010C
Barium	33.3	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Cadmium	< 0.36	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Chromium	12.2	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Copper	9.03	0.36	mg/kg	1	07/24/15	LK	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	07/24/15	RS	SW7471B
Lead	8.11	0.36	mg/Kg	1	07/24/15	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	07/24/15	LK	SW6010C
Percent Solid	89		%		07/23/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				07/23/15	CC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/23/15	CJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/23/15	BC/V	SW3545A
Mercury Digestion	Completed				07/24/15	I/I	SW7471B
Total Metals Digest	Completed				07/23/15	G/AG	SW3050B
Field Extraction	Completed				07/22/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	55	mg/Kg	1	07/24/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/24/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	69		%	1	07/24/15	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1221	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1232	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1242	ND	370	ug/Kg	10	07/24/15	AW	SW8082A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1248	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1254	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1260	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1262	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
PCB-1268	ND	370	ug/Kg	10	07/24/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	120		%	10	07/24/15	AW	30 - 150 %
% TCMX	108		%	10	07/24/15	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	07/24/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	31	ug/Kg	1	07/24/15	JLI	SW8260C
Acrylonitrile	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Bromobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Bromochloromethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon Disulfide	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-5 5-7
Phoenix I.D.: BJ62588

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	3.1	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromomethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Isopropylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
m&p-Xylene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Naphthalene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
n-Butylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
n-Propylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
o-Xylene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Styrene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrachloroethene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/24/15	JLI	SW8260C
Trichloroethene	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	1	07/24/15	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	07/24/15	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	101		%	1	07/24/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(a)pyrene	270	260	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-5 5-7

Phoenix I.D.: BJ62588

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/24/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	07/24/15	DD	30 - 130 %
% Nitrobenzene-d5	59		%	1	07/24/15	DD	30 - 130 %
% Terphenyl-d14	64		%	1	07/24/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
July 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 29, 2015

FOR: Attn: Mr. Jim Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/22/15	13:00
Location Code:	GZACTENG	Received by:	LB	07/23/15	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ62586
Phoenix ID: BJ62589

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-7 3-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	1	07/27/15	LK	SW6010C
Arsenic	16.0	0.7	mg/Kg	1	07/27/15	LK	SW6010C
Barium	105	0.36	mg/Kg	1	07/27/15	LK	SW6010C
Cadmium	0.74	0.36	mg/Kg	1	07/27/15	LK	SW6010C
Chromium	36.9	0.36	mg/Kg	1	07/27/15	LK	SW6010C
Copper	46.5	0.36	mg/kg	1	07/27/15	LK	SW6010C
Mercury	0.11	0.03	mg/Kg	1	07/24/15	RS	SW7471B
Lead	781	3.6	mg/Kg	10	07/28/15	LK	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	07/27/15	LK	SW6010C
Percent Solid	90		%		07/23/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				07/23/15	CC/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/23/15	CJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/23/15	BC/V	SW3545A
Mercury Digestion	Completed				07/24/15	I/I	SW7471B
Total Metals Digest	Completed				07/24/15	N/AG	SW3050B
Field Extraction	Completed				07/22/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	280	54	mg/Kg	1	07/24/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/24/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	74		%	1	07/24/15	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1221	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1232	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1242	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-7 3-5

Phoenix I.D.: BJ62589

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1248	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1254	11000	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1260	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1262	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
PCB-1268	ND	1800	ug/Kg	50	07/24/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	Diluted Out		%	50	07/24/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	07/24/15	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,1-Trichloroethane	320	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
2-Chlorotoluene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
2-Hexanone	ND	24	ug/Kg	1	07/24/15	JLI	SW8260C
2-Isopropyltoluene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
4-Chlorotoluene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/24/15	JLI	SW8260C
Acetone	ND	29	ug/Kg	1	07/24/15	JLI	SW8260C
Acrylonitrile	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Benzene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Bromobenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
Bromochloromethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Bromodichloromethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Bromoform	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Bromomethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon Disulfide	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Carbon tetrachloride	5.6	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Chlorobenzene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Chloroform	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Chloromethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C

Project ID: DANIELS MILL 05.0045441.03
Client ID: B-7 3-5

Phoenix I.D.: BJ62589

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromochloromethane	ND	2.9	ug/Kg	1	07/24/15	JLI	SW8260C
Dibromomethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Ethylbenzene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Hexachlorobutadiene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
Isopropylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
m&p-Xylene	7.7	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	29	ug/Kg	1	07/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	07/24/15	JLI	SW8260C
Methylene chloride	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Naphthalene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
n-Butylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
n-Propylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
o-Xylene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
p-Isopropyltoluene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
sec-Butylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
Styrene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
tert-Butylbenzene	ND	270	ug/Kg	50	07/25/15	JLI	SW8260C
Tetrachloroethene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	07/24/15	JLI	SW8260C
Toluene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Total Xylenes	7.7	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	540	ug/Kg	50	07/25/15	JLI	SW8260C
Trichloroethene	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
Vinyl chloride	ND	4.9	ug/Kg	1	07/24/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	50	07/25/15	JLI	70 - 130 %
% Bromofluorobenzene	96		%	50	07/25/15	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	07/24/15	JLI	70 - 130 %
% Toluene-d8	84		%	1	07/24/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/24/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/24/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/24/15	DD	SW8270D
Anthracene	650	250	ug/Kg	1	07/24/15	DD	SW8270D
Benz(a)anthracene	1400	250	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(a)pyrene	1900	250	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(b)fluoranthene	1900	250	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(ghi)perylene	1600	250	ug/Kg	1	07/24/15	DD	SW8270D
Benzo(k)fluoranthene	1300	250	ug/Kg	1	07/24/15	DD	SW8270D
Chrysene	1800	250	ug/Kg	1	07/24/15	DD	SW8270D
Dibenz(a,h)anthracene	380	250	ug/Kg	1	07/24/15	DD	SW8270D
Fluoranthene	2700	250	ug/Kg	1	07/24/15	DD	SW8270D

Project ID: DANIELS MILL 05.0045441.03 Phoenix I.D.: BJ62589
Client ID: B-7 3-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	280	250	ug/Kg	1	07/24/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	1600	250	ug/Kg	1	07/24/15	DD	SW8270D
Naphthalene	640	250	ug/Kg	1	07/24/15	DD	SW8270D
Phenanthrene	2500	250	ug/Kg	1	07/24/15	DD	SW8270D
Pyrene	2300	250	ug/Kg	1	07/24/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	54		%	1	07/24/15	DD	30 - 130 %
% Nitrobenzene-d5	50		%	1	07/24/15	DD	30 - 130 %
% Terphenyl-d14	49		%	1	07/24/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C12 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Volatile comment:
**Surrogate recoveries as well as internal standard responses were outside control limits for volatiles. Sample was analyzed twice with similar results indicating matrix interference.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
July 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 29, 2015

QA/QC Data

SDG I.D.: GBJ62586

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314813 (mg/kg), QC Sample No: BJ62522 (BJ62588)													
ICP Metals - Soil													
Arsenic	BRL	0.67	1.5	1.33	NC	91.4	94.2	3.0	89.9	89.2	0.8	75 - 125	30
Barium	BRL	0.33	51.7	52.6	1.70	95.9	101	5.2	98.3	95.9	2.5	75 - 125	30
Cadmium	BRL	0.33	<0.36	<0.37	NC	93.9	92.4	1.6	90.7	89.9	0.9	75 - 125	30
Chromium	BRL	0.33	12.9	12.8	0.80	98.0	98.4	0.4	96.6	94.5	2.2	75 - 125	30
Copper	BRL	0.33	14.4	10.1	35.1	97.5	99.8	2.3	99.4	98.0	1.4	75 - 125	30
Lead	BRL	0.33	3.53	3.03	15.2	91.0	94.5	3.8	92.0	91.8	0.2	75 - 125	30
Selenium	BRL	1.3	<1.4	<1.5	NC	77.4	79.2	2.3	80.1	79.4	0.9	75 - 125	30
Silver	BRL	0.33	<0.36	<0.37	NC	92.4	94.2	1.9	95.0	94.3	0.7	75 - 125	30
QA/QC Batch 314865 (mg/kg), QC Sample No: BJ62588 (BJ62588, BJ62589)													
Mercury - Soil	BRL	0.06	<0.03	<0.03	NC	92.9	90.6	2.5	96.1	93.2	3.1	70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 314944 (mg/kg), QC Sample No: BJ62912 (BJ62589)													
ICP Metals - Soil													
Arsenic	BRL	0.67	6.0	6.83	12.9	95.6	95.0	0.6	93.4	94.6	1.3	75 - 125	30
Barium	BRL	0.33	52.5	51.2	2.50	101	96.8	4.2	107	106	0.9	75 - 125	30
Cadmium	BRL	0.33	<0.42	<0.48	NC	93.7	93.8	0.1	94.7	94.2	0.5	75 - 125	30
Chromium	BRL	0.33	11.7	12.0	2.50	97.9	96.2	1.8	98.3	98.7	0.4	75 - 125	30
Copper	BRL	0.33	6.04	6.26	3.60	97.4	98.4	1.0	101	102	1.0	75 - 125	30
Lead	BRL	0.33	22.7	25.3	10.8	95.6	94.4	1.3	95.4	96.8	1.5	75 - 125	30
Selenium	BRL	1.3	<1.7	<1.9	NC	80.6	78.9	2.1	83.0	83.9	1.1	75 - 125	30
Silver	BRL	0.33	<0.42	<0.48	NC	93.6	93.5	0.1	95.4	95.5	0.1	75 - 125	30

r = This parameter is outside laboratory rpd specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 29, 2015

QA/QC Data

SDG I.D.: GBJ62586

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314904 (ug/kg), QC Sample No: BJ62141 (BJ62586, BJ62587 (50X) , BJ62588, BJ62589)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	5.0	100	96	4.1	94	92	2.2	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	109	106	2.8	112	107	4.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	100	1.0	84	82	2.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	96	90	6.5	85	82	3.6	70 - 130	30
1,1-Dichloroethane	ND	5.0	118	113	4.3	113	113	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	114	110	3.6	119	111	7.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	103	99	4.0	104	99	4.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	92	94	2.2	69	66	4.4	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	102	99	3.0	88	85	3.5	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	100	101	1.0	72	70	2.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	97	99	2.0	89	87	2.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	96	95	1.0	72	73	1.4	70 - 130	30
1,2-Dibromoethane	ND	5.0	100	96	4.1	86	85	1.2	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	96	95	1.0	83	82	1.2	70 - 130	30
1,2-Dichloroethane	ND	5.0	105	100	4.9	94	93	1.1	70 - 130	30
1,2-Dichloropropane	ND	5.0	97	94	3.1	92	91	1.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	100	102	2.0	96	93	3.2	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	97	96	1.0	84	82	2.4	70 - 130	30
1,3-Dichloropropane	ND	5.0	98	94	4.2	85	86	1.2	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	95	99	4.1	82	82	0.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	113	109	3.6	112	103	8.4	70 - 130	30
2-Chlorotoluene	ND	5.0	98	99	1.0	91	89	2.2	70 - 130	30
2-Hexanone	ND	25	101	89	12.6	74	71	4.1	70 - 130	30
2-Isopropyltoluene	ND	5.0	99	100	1.0	94	93	1.1	70 - 130	30
4-Chlorotoluene	ND	5.0	97	98	1.0	88	86	2.3	70 - 130	30
4-Methyl-2-pentanone	ND	25	102	93	9.2	79	77	2.6	70 - 130	30
Acetone	ND	10	96	85	12.2	89	79	11.9	70 - 130	30
Acrylonitrile	ND	5.0	105	100	4.9	89	83	7.0	70 - 130	30
Benzene	ND	1.0	98	95	3.1	95	94	1.1	70 - 130	30
Bromobenzene	ND	5.0	92	95	3.2	85	84	1.2	70 - 130	30
Bromochloromethane	ND	5.0	105	101	3.9	96	93	3.2	70 - 130	30
Bromodichloromethane	ND	5.0	107	105	1.9	100	100	0.0	70 - 130	30
Bromoform	ND	5.0	106	101	4.8	87	90	3.4	70 - 130	30
Bromomethane	ND	5.0	131	121	7.9	139	135	2.9	70 - 130	30
Carbon Disulfide	ND	5.0	122	119	2.5	125	120	4.1	70 - 130	30
Carbon tetrachloride	ND	5.0	111	107	3.7	116	108	7.1	70 - 130	30
Chlorobenzene	ND	5.0	97	93	4.2	91	89	2.2	70 - 130	30
Chloroethane	ND	5.0	101	103	2.0	114	110	3.6	70 - 130	30
Chloroform	ND	5.0	106	103	2.9	102	101	1.0	70 - 130	30
Chloromethane	ND	5.0	100	97	3.0	102	98	4.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	106	102	3.8	100	99	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBJ62586

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	5.0	107	104	2.8	96	96	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	105	102	2.9	93	93	0.0	70 - 130	30
Dibromomethane	ND	5.0	102	97	5.0	90	88	2.2	70 - 130	30
Dichlorodifluoromethane	ND	5.0	106	104	1.9	116	108	7.1	70 - 130	30
Ethylbenzene	ND	1.0	99	95	4.1	96	94	2.1	70 - 130	30
Hexachlorobutadiene	ND	5.0	95	98	3.1	85	82	3.6	70 - 130	30
Isopropylbenzene	ND	1.0	97	100	3.0	97	93	4.2	70 - 130	30
m&p-Xylene	ND	2.0	101	96	5.1	96	94	2.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	100	87	13.9	75	71	5.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	113	108	4.5	101	97	4.0	70 - 130	30
Methylene chloride	ND	5.0	101	98	3.0	111	107	3.7	70 - 130	30
Naphthalene	ND	5.0	100	100	0.0	76	72	5.4	70 - 130	30
n-Butylbenzene	ND	1.0	104	104	0.0	92	89	3.3	70 - 130	30
n-Propylbenzene	ND	1.0	93	94	1.1	89	86	3.4	70 - 130	30
o-Xylene	ND	2.0	100	96	4.1	95	93	2.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	101	104	2.9	96	93	3.2	70 - 130	30
sec-Butylbenzene	ND	1.0	101	103	2.0	99	96	3.1	70 - 130	30
Styrene	ND	5.0	101	96	5.1	92	90	2.2	70 - 130	30
tert-Butylbenzene	ND	1.0	99	99	0.0	99	94	5.2	70 - 130	30
Tetrachloroethene	ND	5.0	98	94	4.2	97	92	5.3	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	102	97	5.0	86	81	6.0	70 - 130	30
Toluene	ND	1.0	97	97	0.0	95	92	3.2	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	113	110	2.7	116	109	6.2	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	113	108	4.5	98	96	2.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	110	109	0.9	87	84	3.5	70 - 130	30
Trichloroethene	ND	5.0	100	96	4.1	101	97	4.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	117	113	3.5	123	116	5.9	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	108	104	3.8	112	103	8.4	70 - 130	30
Vinyl chloride	ND	5.0	114	111	2.7	121	114	6.0	70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	101	104	2.9	98	98	0.0	70 - 130	30
% Bromofluorobenzene	98	%	104	102	1.9	102	103	1.0	70 - 130	30
% Dibromofluoromethane	96	%	98	100	2.0	104	98	5.9	70 - 130	30
% Toluene-d8	101	%	100	98	2.0	101	100	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 314666 (ug/kg), QC Sample No: BJ62158 (BJ62588, BJ62589)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	87	78	10.9	91	92	1.1	30 - 130	30
Acenaphthene	ND	230	79	72	9.3	85	86	1.2	30 - 130	30
Acenaphthylene	ND	230	74	67	9.9	80	80	0.0	30 - 130	30
Anthracene	ND	230	95	81	15.9	93	94	1.1	30 - 130	30
Benz(a)anthracene	ND	230	83	72	14.2	83	83	0.0	30 - 130	30
Benzo(a)pyrene	ND	230	85	73	15.2	83	85	2.4	30 - 130	30
Benzo(b)fluoranthene	ND	230	85	73	15.2	85	86	1.2	30 - 130	30
Benzo(ghi)perylene	ND	230	109	95	13.7	102	109	6.6	30 - 130	30
Benzo(k)fluoranthene	ND	230	87	75	14.8	84	85	1.2	30 - 130	30
Chrysene	ND	230	89	79	11.9	89	90	1.1	30 - 130	30
Dibenz(a,h)anthracene	ND	230	102	87	15.9	100	104	3.9	30 - 130	30
Fluoranthene	ND	230	97	81	18.0	99	98	1.0	30 - 130	30
Fluorene	ND	230	82	73	11.6	86	86	0.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	104	89	15.5	99	106	6.8	30 - 130	30
Naphthalene	ND	230	76	68	11.1	77	80	3.8	30 - 130	30

QA/QC Data

SDG I.D.: GBJ62586

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Phenanthrene	ND	230	92	79	15.2	93	94	1.1	30 - 130	30	
Pyrene	ND	230	98	84	15.4	100	98	2.0	30 - 130	30	
% 2-Fluorobiphenyl	73	%	76	70	8.2	82	85	3.6	30 - 130	30	
% Nitrobenzene-d5	62	%	59	52	12.6	58	61	5.0	30 - 130	30	
% Terphenyl-d14	98	%	105	88	17.6	107	104	2.8	30 - 130	30	
QA/QC Batch 314789 (ug/Kg), QC Sample No: BJ62691 2X (BJ62588, BJ62589)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	97	108	10.7	62	85	31.3	40 - 140	30	r
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	101	116	13.8	71	94	27.9	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	89	%	116	135	15.1	88	111	23.1	30 - 150	30	
% TCMX (Surrogate Rec)	80	%	108	121	11.4	74	97	26.9	30 - 150	30	
QA/QC Batch 314806 (mg/Kg), QC Sample No: BJ62757 (BJ62588, BJ62589)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum HC	ND	50	62	73	16.3	60	73	19.5	30 - 130	30	
% n-Pentacosane	67	%	78	81	3.8	61	75	20.6	50 - 150	30	
QA/QC Batch 315058 (ug/Kg), QC Sample No: BJ63159 (BJ62589 (50X))											
Volatiles - Soil											
1,1,1-Trichloroethane	ND	5.0	107	106	0.9	110	114	3.6	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	89	89	0.0	56	56	0.0	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	101	100	1.0	112	118	5.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	92	96	4.3	61	60	1.7	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	98	99	1.0	94	98	5.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	91	87	4.5	97	107	9.8	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	97	96	1.0	91	94	3.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	102	104	1.9	101	106	4.8	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	96	97	1.0	92	97	5.3	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	96	96	0.0	93	97	4.2	70 - 130	30	
2-Chlorotoluene	ND	5.0	98	98	0.0	103	107	3.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0	101	103	2.0	88	92	4.4	70 - 130	30	
4-Chlorotoluene	ND	5.0	96	98	2.1	99	106	6.8	70 - 130	30	
Bromobenzene	ND	5.0	94	94	0.0	104	111	6.5	70 - 130	30	
Hexachlorobutadiene	ND	5.0	94	104	10.1	35	35	0.0	70 - 130	30	m
Isopropylbenzene	ND	1.0	99	102	3.0	105	109	3.7	70 - 130	30	
Naphthalene	ND	5.0	96	96	0.0	93	94	1.1	70 - 130	30	
n-Butylbenzene	ND	1.0	99	105	5.9	72	75	4.1	70 - 130	30	
n-Propylbenzene	ND	1.0	93	96	3.2	93	98	5.2	70 - 130	30	
p-Isopropyltoluene	ND	1.0	101	105	3.9	83	88	5.8	70 - 130	30	
sec-Butylbenzene	ND	1.0	103	107	3.8	85	89	4.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	102	105	2.9	93	97	4.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	106	105	0.9	123	128	4.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	100	0.0	102	101	1.0	70 - 130	30	
% Bromofluorobenzene	93	%	102	102	0.0	95	95	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Data

SDG I.D.: GBJ62586

Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 29, 2015

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL 05.0045441.03 **Project Number:**

Laboratory Sample ID(s): BJ62586, BJ62587, BJ62588, BJ62589

Sampling Date(s): 7/22/2015

RCP Methods Used:

☐ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes	☐ No	
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes	☐ No	
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes	☐ No	☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes	☐ No	
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes	☐ No	☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: VOA Narration.	☐ Yes	☑ No	
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes	☐ No	
5b.	Were these reporting limits met?	☑ Yes	☐ No	☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes	☑ No	☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes	☑ No	☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee Date: Wednesday, July 29, 2015

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

Wednesday, July 29, 2015
Criteria: CT: GAM, RC
State: CT

Sample Criteria Exceedences Report
GBJ62586 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ62589	$8100SMR	Benzo(a)pyrene	CT / SEMIVOLATILE ORGANIC COMP / GA/GAA PMC (	1900	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / GA/GAA PMC (	1800	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benzo(k)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / GA/GAA PMC (	1300	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benz(a)anthracene	CT / SEMIVOLATILE ORGANIC COMP / GA/GAA PMC (	1400	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benz(a)anthracene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/k	1400	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benzo(a)pyrene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/k	1800	250	1000	1000	ug/Kg
BJ62589	$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/k	1900	250	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	11000	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	$PCB_SMR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ62589	AS-SM	Arsenic	CT / INORGANIC SUBSTANCES / RES DEC (mg/kg)	16.0	0.7	10	10	mg/Kg
BJ62589	PB-SM	Lead	CT / INORGANIC SUBSTANCES / RES DEC (mg/kg)	781	3.6	400	400	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. The following analytes from the 6010 RCP Metals list were not reported: Antimony, Beryllium, Nickel, Thallium, Vanadium, Zinc.

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 07/24/15-1 (BJ62589)

The initial calibration (ETPH620I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (724A003) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/24/2015

Instrument: Au-xl1 07/23/15-2 (BJ62588)

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

The initial calibration (ETPH617I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (723A014_1) and contained the following outliers:
C36 (26%L)

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/23/2015

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

QC (Batch Specific)

---------- Sample No: BJ62757, QA/QC Batch: 314806 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 07/24/15-1 (BJ62588, BJ62589)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interfernce for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 7/24/2015

QC (Batch Specific)

---------- Sample No: BJ62588, QA/QC Batch: 314865 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Arcos 07/24/15-1 (BJ62588)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

Printed Name Laura Kinnin
Position: Chemist
Date: 7/24/2015

Instrument: Arcos 07/27/15-1 (BJ62589)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/27/2015

Instrument: Arcos 07/28/15-1 (BJ62589)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/28/2015

QC (Batch Specific)

---------- Sample No: BJ62522, QA/QC Batch: 314813 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ62912, QA/QC Batch: 314944 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

PAH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem05 07/23/15-2 (BJ62588)

Initial Calibration Verification (CHEM05/BN_0713):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM05/0723_35-BN_0713):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/23/2015

QC (Batch Specific)

---------- Sample No: BJ62158, QA/QC Batch: 314666 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd5 07/24/15-1 (BJ62588, BJ62589)

The initial calibration (PC714AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC714BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Adam Werner
Position: Chemist
Date: 7/24/2015

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RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

QC (Batch Specific)

---------- Sample No: BJ62691, QA/QC Batch: 314789 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem12 07/23/15-1 (BJ62589)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

Initial Calibration Verification (CHEM12/sv_0723):
94% of target compounds met criteria.
The following compounds had %RSDs >20%: 2,4-Dinitrophenol (41%), 4,6-Dinitro-2-methylphenol (23%), Benzidine (28%), Benzoic Acid (22%), Di-n-octylphthalate (23%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM12/0723_12-sv_0723):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: Benzidine (34%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: 2-nitrophenol (.056)[0.1], Hexachlorobenzene (.079)[0.1]
The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/23/2015

QC (Batch Specific)

---------- Sample No: BJ62158, QA/QC Batch: 314666 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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July 29, 2015

SDG I.D.: GBJ62586

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314904 (Samples: BJ62586, BJ62587, BJ62588, BJ62589): ----

The QC recovery for one or more analytes is above the upper range but were not reported in the sample(s), therefore no significant bias is suspected. (Bromomethane)

Instrument: Chem03 07/24/15-1 (BJ62586, BJ62587, BJ62588, BJ62589)

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0723L64-VT-L0622):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: Acrolein (36%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/24/2015

Instrument: Chem03 07/25/15-1 (BJ62589)

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0725L03-VT-L0622):
98% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 1,2,4-trichlorobenzene (32%L)[30%], Acrolein (33%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/25/2015

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RCP Certification Report

July 29, 2015

SDG I.D.: GBJ62586

QC (Batch Specific)

---------- Sample No: BJ62141, QA/QC Batch: 314904 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: Bromomethane(131%)

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

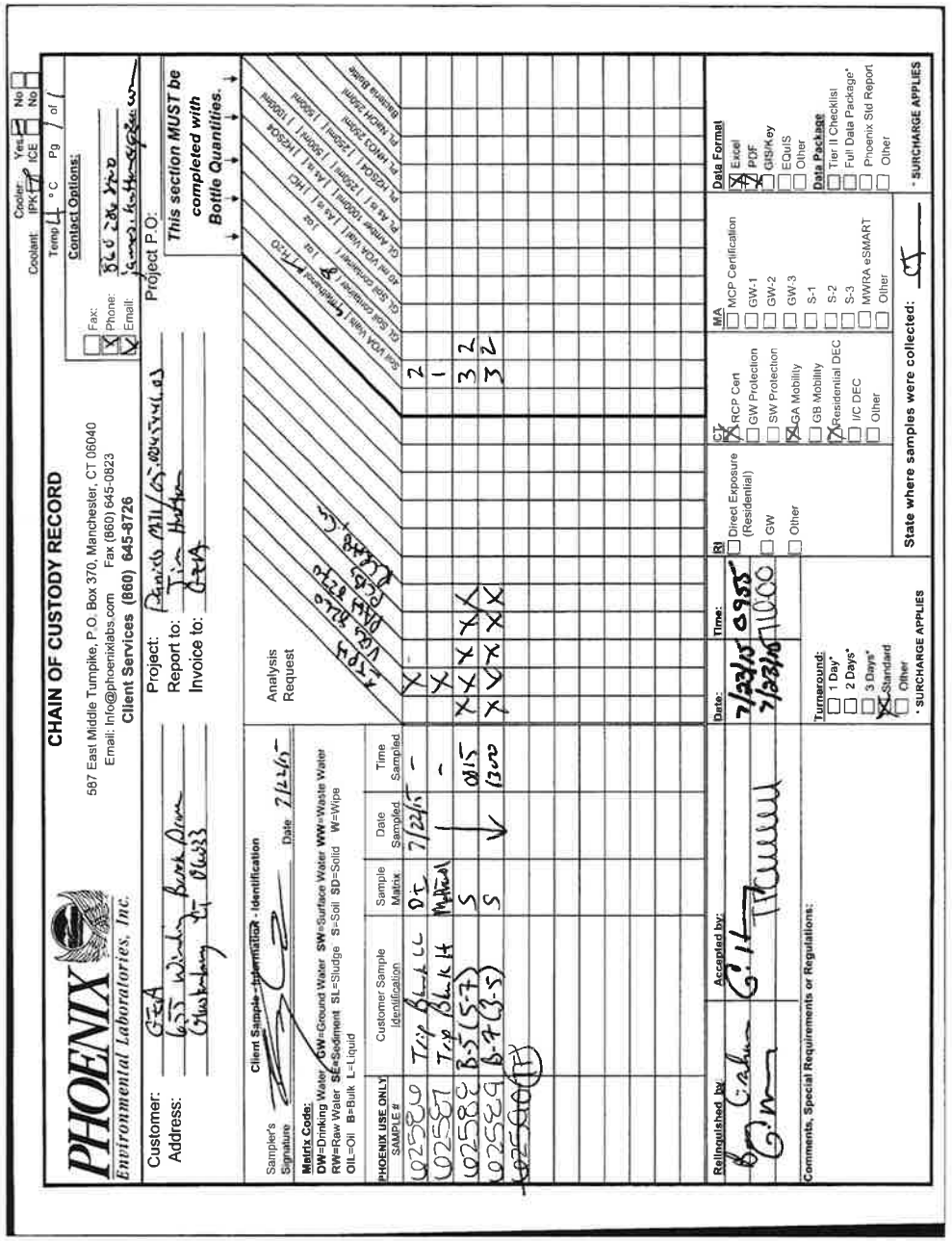
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ63159, QA/QC Batch: 315058 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



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Environmental Laboratories, Inc.

Friday, August 28, 2015

Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL/05.0045441.00
Sample ID#s: BJ61166 - BJ61167, BJ61169 - BJ61170, BJ61172, BJ61175

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	10:40
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61166

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	2.1	0.7	mg/Kg	1	07/23/15	LK	SW6010C
Barium	83.8	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	< 0.34	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	19.4	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Copper	20.4	0.34	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.06	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	58.7	0.34	mg/Kg	1	07/23/15	LK	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	07/23/15	LK	SW6010C
SPLP Lead	0.010	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Metals Digestion	Completed				08/04/15	U/U	SW3005A
Percent Solid	91		%		07/21/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				08/25/15	BB/H	SW3545A
Soil Extraction for Pesticide	Completed				08/25/15	BB	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
SPLP Extraction for Metals	Completed				08/03/15	U	SW1312
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	360	55	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	74		%	1	07/22/15	JRB	50 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1221	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1232	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1242	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1254	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	106		%	10	08/26/15	AW	30 - 150 %
% TCMX	103		%	10	08/26/15	AW	30 - 150 %
Pesticides							
4,4' -DDD	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDE	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDT	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
a-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Alachlor	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Aldrin	ND	3.6	ug/Kg	2	07/22/15	CE	SW8081B
b-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Chlordane	ND	36	ug/Kg	2	07/22/15	CE	SW8081B
d-BHC	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan I	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan II	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin aldehyde	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Endrin ketone	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	ug/Kg	2	07/22/15	CE	SW8081B
Methoxychlor	ND	36	ug/Kg	2	07/22/15	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	07/22/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	111		%	2	07/22/15	CE	30 - 150 %
% TCMX	97		%	2	07/22/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)
Phoenix I.D.: BJ61166

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	560	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
2-Chlorotoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
2-Hexanone	ND	29	ug/Kg	1	07/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	ug/Kg	1	07/23/15	JLI	SW8260C
Acetone	ND	35	ug/Kg	1	07/23/15	JLI	SW8260C
Acrylonitrile	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Benzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromobenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromoform	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Bromomethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chlorobenzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloroform	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Chloromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromochloromethane	ND	3.5	ug/Kg	1	07/23/15	JLI	SW8260C
Dibromomethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Ethylbenzene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Hexachlorobutadiene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
m&p-Xylene	7.8	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	35	ug/Kg	1	07/23/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/23/15	JLI	SW8260C
Methylene chloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Naphthalene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
o-Xylene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
p-Isopropyltoluene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Styrene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
tert-Butylbenzene	ND	260	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrachloroethene	15	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/23/15	JLI	SW8260C
Toluene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Total Xylenes	7.8	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	510	ug/Kg	50	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
Vinyl chloride	ND	5.9	ug/Kg	1	07/23/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	50	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	98		%	50	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	07/23/15	JLI	70 - 130 %
% Toluene-d8	87		%	1	07/23/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	430	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	84		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	75		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	83		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-10 (0.5-2)
Phoenix I.D.: BJ61166

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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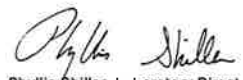

Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	15:15
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61167

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-11 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	60		%		07/21/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				08/25/15	BB/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Polychlorinated Biphenyls							
PCB-1016	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1221	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1232	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1242	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1248	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1254	91000	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1260	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1262	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
PCB-1268	ND	14000	ug/Kg	250	08/26/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	Diluted Out		%	250	08/26/15	AW	30 - 150 %
% TCMX	Diluted Out		%	250	08/26/15	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	08/05/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,1-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dibromoethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,2-Dichloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,2-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
1,3-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
2,2-Dichloropropane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
2-Chlorotoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
2-Hexanone	ND	51	ug/Kg	1	08/05/15	JLI	SW8260C
2-Isopropyltoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
4-Chlorotoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	51	ug/Kg	1	08/05/15	JLI	SW8260C
Acetone	ND	62	ug/Kg	1	08/05/15	JLI	SW8260C
Acrylonitrile	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Benzene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromobenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Bromochloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromodichloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromoform	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Bromomethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Carbon Disulfide	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Carbon tetrachloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chlorobenzene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloroform	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Chloromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Dibromochloromethane	ND	6.2	ug/Kg	1	08/05/15	JLI	SW8260C
Dibromomethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Dichlorodifluoromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Ethylbenzene	29	10	ug/Kg	1	08/05/15	JLI	SW8260C
Hexachlorobutadiene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Isopropylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
m&p-Xylene	82	10	ug/Kg	1	08/05/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	62	ug/Kg	1	08/05/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	21	ug/Kg	1	08/05/15	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Naphthalene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
n-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
n-Propylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
o-Xylene	41	10	ug/Kg	1	08/05/15	JLI	SW8260C
p-Isopropyltoluene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Styrene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
tert-Butylbenzene	ND	350	ug/Kg	50	08/05/15	JLI	SW8260C
Tetrachloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	21	ug/Kg	1	08/05/15	JLI	SW8260C
Toluene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Total Xylenes	123	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	700	ug/Kg	50	08/05/15	JLI	SW8260C
Trichloroethene	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Trichlorofluoromethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
Vinyl chloride	ND	10	ug/Kg	1	08/05/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	50	08/05/15	JLI	70 - 130 %
% Bromofluorobenzene	93		%	50	08/05/15	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	08/05/15	JLI	70 - 130 %
% Toluene-d8	82		%	1	08/05/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	420	380	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	380	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	85		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	62		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-11 (0.5-2)
Phoenix I.D.: BJ61167

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	12:30
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61169

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	2.1	0.7	mg/Kg	1	07/23/15	LK	SW6010C
Barium	62.9	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	< 0.37	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	74.3	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Copper	24.2	0.37	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.15	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	34.6	0.37	mg/Kg	1	07/23/15	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	07/23/15	LK	SW6010C
Percent Solid	92		%		07/21/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				08/25/15	BB/H	SW3545A
Soil Extraction for Pesticide	Completed				08/25/15	BB	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	74		%	1	07/22/15	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1221	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1232	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1242	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1248	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1254	6300	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1260	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1262	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1268	ND	1800	ug/Kg	50	08/26/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	Diluted Out		%	50	08/26/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	08/26/15	AW	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
4,4' -DDE	ND	50	ug/Kg	10	07/23/15	CE	SW8081B
4,4' -DDT	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
a-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Alachlor	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Aldrin	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
b-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Chlordane	ND	180	ug/Kg	10	07/23/15	CE	SW8081B
d-BHC	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Dieldrin	ND	50	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan I	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan II	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endosulfan sulfate	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin aldehyde	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
Endrin ketone	ND	35	ug/Kg	10	07/23/15	CE	SW8081B
g-BHC	ND	7.0	ug/Kg	10	07/23/15	CE	SW8081B
Heptachlor	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
Heptachlor epoxide	ND	18	ug/Kg	10	07/23/15	CE	SW8081B
Methoxychlor	ND	180	ug/Kg	10	07/23/15	CE	SW8081B
Toxaphene	ND	700	ug/Kg	10	07/23/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	127		%	10	07/23/15	CE	30 - 150 %
% TCMX	88		%	10	07/23/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-13 (0.25-1)

Phoenix I.D.: BJ61169

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	34	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.4	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	34	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-13 (0.25-1)

Phoenix I.D.: BJ61169

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Toluene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.7	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	83		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	85		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	74		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	87		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61169
Client ID: B-13 (0.25-1)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Pesticide Comment:
Due to matrix interference caused by the presence of suspected PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	12:45
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61170

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		07/21/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				08/25/15	BB/H	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	10	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	110		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1100	58	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	Interference		%	1	07/22/15	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1221	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1232	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1242	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1248	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1254	21000	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1260	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1262	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
PCB-1268	ND	1900	ug/Kg	50	08/26/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	Diluted Out		%	50	08/26/15	AW	30 - 150 %
% TCMX	Diluted Out		%	50	08/26/15	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-14 (0.5-2)
Phoenix I.D.: BJ61170

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	5.9	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61170
Client ID: B-14 (0.5-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	270	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	79		%	1	07/22/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	14:10
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61172

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		07/21/15	I	SW846-%Solid
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Field Extraction	Completed				07/21/15		SW5035A
Alcohol Analysis							
Ethanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isobutyl alcohol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Isopropyl alcohol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Methanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
n-Butanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Propanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
Sec-Butanol	ND	5.4	mg/kg	1	07/28/15	JRB	SW8015D MOD
QA/QC Surrogates							
% 2-Pentanol(surr)	89		%	1	07/28/15	JRB	SW8015D MOD
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	53	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	54		%	1	07/22/15	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	170	ug/Kg	50	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-16 (6-6.5)

Phoenix I.D.: BJ61172

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	19000	5500	ug/Kg	1000	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	5200	5000	ug/Kg	1000	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
2-Hexanone	ND	1400	ug/Kg	50	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	1400	ug/Kg	50	07/22/15	JLI	SW8260C
Acetone	ND	1700	ug/Kg	50	07/22/15	JLI	SW8260C
Acrylonitrile	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Benzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromochloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromoform	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Bromomethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chlorobenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloroform	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Chloromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	170	ug/Kg	50	07/22/15	JLI	SW8260C
Dibromomethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Ethylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
m&p-Xylene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	1700	ug/Kg	50	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Methylene chloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Naphthalene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-16 (6-6.5)

Phoenix I.D.: BJ61172

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	2500	280	ug/Kg	50	07/22/15	JLI	SW8260C
o-Xylene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
sec-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Styrene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Toluene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Total Xylenes	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	550	ug/Kg	50	07/22/15	JLI	SW8260C
Trichloroethene	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
Vinyl chloride	ND	280	ug/Kg	50	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	50	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	102		%	50	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	97		%	50	07/22/15	JLI	70 - 130 %
% Toluene-d8	103		%	50	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	240	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	93		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00 Phoenix I.D.: BJ61172
Client ID: B-16 (6-6.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
August 28, 2015

FOR: Attn: Mr. James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/21/15	15:00
Location Code:	GZACTENG	Received by:	LPB	07/21/15	17:23
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ61165
Phoenix ID: BJ61175

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Arsenic	1.4	0.8	mg/Kg	1	07/23/15	LK	SW6010C
Barium	1440	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Cadmium	1.85	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Chromium	54.9	0.38	mg/Kg	1	07/23/15	LK	SW6010C
Copper	59.0	0.38	mg/kg	1	07/23/15	LK	SW6010C
Mercury	0.11	0.03	mg/Kg	1	07/23/15	RS	SW7471B
Lead	1190	3.8	mg/Kg	10	07/24/15	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	07/23/15	LK	SW6010C
SPLP Barium	0.021	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Lead	0.029	0.010	mg/L	1	08/04/15	EK	SW6010C
SPLP Metals Digestion	Completed				08/04/15	U/U	SW3005A
Percent Solid	89		%		07/21/15	I	SW846-%Solid
Soil Extraction for PCB	Completed				08/25/15	BB/H	SW3545A
Soil Extraction for Pesticide	Completed				08/25/15	BB	SW3545A
Soil Extraction SVOA PAH	Completed				07/21/15	JJ/VH	SW3545A
Extraction of CT ETPH	Completed				07/21/15	JC/V	SW3545A
Mercury Digestion	Completed				07/23/15	I/I	SW7471B
SPLP Extraction for Metals	Completed				08/03/15	U	SW1312
Total Metals Digest	Completed				07/22/15	G/AG	SW3050B
Field Extraction	Completed				07/21/15		SW5035A
TPH by GC (Extractable Products)							
Ext. Petroleum HC	72	56	mg/Kg	1	07/22/15	JRB	CTETPH 8015D
Identification	**		mg/Kg	1	07/22/15	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	85		%	1	07/22/15	JRB	50 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1221	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1232	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1242	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1254	800	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	08/26/15	AW	SW8082A
QA/QC Surrogates							
% DCBP	99		%	10	08/26/15	AW	30 - 150 %
% TCMX	97		%	10	08/26/15	AW	30 - 150 %
Pesticides							
4,4' -DDD	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDE	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
4,4' -DDT	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
a-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Alachlor	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Aldrin	ND	3.7	ug/Kg	2	07/22/15	CE	SW8081B
b-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Chlordane	ND	37	ug/Kg	2	07/22/15	CE	SW8081B
d-BHC	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Dieldrin	ND	25	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan I	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan II	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endrin	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Endrin aldehyde	ND	20	ug/Kg	2	07/22/15	CE	SW8081B
Endrin ketone	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	ug/Kg	2	07/22/15	CE	SW8081B
Methoxychlor	ND	37	ug/Kg	2	07/22/15	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	07/22/15	CE	SW8081B
QA/QC Surrogates							
% DCBP	77		%	2	07/22/15	CE	30 - 150 %
% TCMX	74		%	2	07/22/15	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)
Phoenix I.D.: BJ61175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2,3-Trichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
2-Hexanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Chlorotoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	ug/Kg	1	07/22/15	JLI	SW8260C
Acetone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Acrylonitrile	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Benzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromochloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromodichloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromoform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Bromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon Disulfide	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Carbon tetrachloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chlorobenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloroform	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Chloromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromochloromethane	ND	3.6	ug/Kg	1	07/22/15	JLI	SW8260C
Dibromomethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Ethylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Isopropylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
m&p-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	ug/Kg	1	07/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Methylene chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Naphthalene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
n-Propylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
o-Xylene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
sec-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Styrene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
tert-Butylbenzene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrachloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Toluene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Total Xylenes	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/22/15	JLI	SW8260C
Trichloroethene	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
Vinyl chloride	ND	6.0	ug/Kg	1	07/22/15	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	07/22/15	JLI	70 - 130 %
% Bromofluorobenzene	91		%	1	07/22/15	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/22/15	JLI	70 - 130 %
% Toluene-d8	100		%	1	07/22/15	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluoranthene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	07/22/15	DD	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	07/22/15	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/22/15	DD	30 - 130 %
% Terphenyl-d14	90		%	1	07/22/15	DD	30 - 130 %

Project ID: DANIELS MILL/05.0045441.00
Client ID: B-19 (0.5-3)
Phoenix I.D.: BJ61175

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Pesticide Comment:
Due to matrix interference caused by the presence of suspected PCBs in the sample, an elevated RL was reported.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 28, 2015
Reviewed and Released by: Maryam Taylor, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 28, 2015

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314672 (mg/kg), QC Sample No: BJ61166 (BJ61166, BJ61169, BJ61175)													
ICP Metals - Soil													
Arsenic	BRL	0.67	2.1	2.05	NC	95.1	102	7.0	94.5	94.7	0.2	75 - 125	30
Barium	BRL	0.33	83.8	77.8	7.40	107	104	2.8	89.6	87.0	2.9	75 - 125	30
Cadmium	BRL	0.33	<0.34	<0.36	NC	93.5	101	7.7	90.8	91.9	1.2	75 - 125	30
Chromium	BRL	0.33	19.4	20.2	4.00	99.2	106	6.6	94.7	95.3	0.6	75 - 125	30
Copper	BRL	0.33	20.4	20.8	1.90	95.6	104	8.4	105	103	1.9	75 - 125	30
Lead	BRL	0.33	58.7	50.8	14.4	96.8	98.6	1.8	91.5	89.2	2.5	75 - 125	30
Selenium	BRL	1.3	<1.4	<1.4	NC	79.6	83.9	5.3	81.6	81.7	0.1	75 - 125	30
Silver	BRL	0.33	<0.34	<0.36	NC	92.8	99.3	6.8	98.2	98.2	0.0	75 - 125	30
QA/QC Batch 314715 (mg/kg), QC Sample No: BJ61166 (BJ61166, BJ61169, BJ61175)													
Mercury - Soil	BRL	0.06	0.06	0.05	NC	102	105	2.9	88.4	94.5	6.7	70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%													
QA/QC Batch 315423 (mg/L), QC Sample No: BJ65150 (BJ61166, BJ61175)													
ICP Metals - SPLP Extraction													
Barium	BRL	0.010	<0.010	<0.010	NC	98.6	100	1.4	103	101	2.0	75 - 125	20
Lead	BRL	0.010	<0.010	<0.010	NC	105	104	1.0	105	103	1.9	75 - 125	20

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QA/QC Report

August 28, 2015

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 314519 (mg/Kg), QC Sample No: BJ60744 (BJ61173, BJ61175)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum HC	ND	50	59	84	35.0	62	54	13.8	30 - 130	30
% n-Pentacosane	62	%	67	92	31.4	66	52	23.7	50 - 150	30
QA/QC Batch 314524 (mg/Kg), QC Sample No: BJ60899 (BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum HC	ND	50	76	62	20.3	80	69	14.8	30 - 130	30
% n-Pentacosane	80	%	77	61	23.2	77	69	11.0	50 - 150	30
QA/QC Batch 314526 (ug/kg), QC Sample No: BJ60983 (BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	77	79	2.6	85	71	17.9	30 - 130	30
Acenaphthene	ND	230	73	73	0.0	77	68	12.4	30 - 130	30
Acenaphthylene	ND	230	72	71	1.4	68	60	12.5	30 - 130	30
Anthracene	ND	230	82	82	0.0	81	74	9.0	30 - 130	30
Benz(a)anthracene	ND	230	84	88	4.7	74	66	11.4	30 - 130	30
Benzo(a)pyrene	ND	230	82	84	2.4	68	60	12.5	30 - 130	30
Benzo(b)fluoranthene	ND	230	84	87	3.5	70	58	18.8	30 - 130	30
Benzo(ghi)perylene	ND	230	83	88	5.8	67	60	11.0	30 - 130	30
Benzo(k)fluoranthene	ND	230	80	80	0.0	55	52	5.6	30 - 130	30
Chrysene	ND	230	86	88	2.3	75	66	12.8	30 - 130	30
Dibenz(a,h)anthracene	ND	230	82	86	4.8	81	74	9.0	30 - 130	30
Fluoranthene	ND	230	82	86	4.8	72	64	11.8	30 - 130	30
Fluorene	ND	230	75	76	1.3	77	69	11.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	84	90	6.9	66	60	9.5	30 - 130	30
Naphthalene	ND	230	70	72	2.8	78	66	16.7	30 - 130	30
Phenanthrene	ND	230	81	81	0.0	78	70	10.8	30 - 130	30
Pyrene	ND	230	82	85	3.6	71	64	10.4	30 - 130	30
% 2-Fluorobiphenyl	38	%	69	68	1.5	71	61	15.2	30 - 130	30
% Nitrobenzene-d5	38	%	66	67	1.5	72	61	16.5	30 - 130	30
% Terphenyl-d14	43	%	77	83	7.5	75	68	9.8	30 - 130	30
QA/QC Batch 314528 (ug/Kg), QC Sample No: BJ61045 2X (BJ61166, BJ61169, BJ61175)										
Pesticides - Soil										
4,4'-DDD	ND	1.7	97			82	84	2.4	40 - 140	30
4,4'-DDE	ND	1.7	90			84	72	15.4	40 - 140	30
4,4'-DDT	ND	1.7	87			76	80	5.1	40 - 140	30
a-BHC	ND	3.3	97			78	74	5.3	40 - 140	30
a-Chlordane	ND	3.3	98			86	82	4.8	40 - 140	30
Alachlor	ND	3.3	NA			NA	NA	NC	40 - 140	30
Aldrin	ND	1.0	96			78	75	3.9	40 - 140	30
b-BHC	ND	3.3	90			79	76	3.9	40 - 140	30
Chlordane	ND	33	100			84	82	2.4	40 - 140	30

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
d-BHC	ND	3.3	90			67	66	1.5	40 - 140	30	
Dieldrin	ND	1.0	96			82	79	3.7	40 - 140	30	
Endosulfan I	ND	3.3	93			86	76	12.3	40 - 140	30	
Endosulfan II	ND	3.3	100			88	88	0.0	40 - 140	30	
Endosulfan sulfate	ND	3.3	79			67	72	7.2	40 - 140	30	
Endrin	ND	3.3	91			75	73	2.7	40 - 140	30	
Endrin aldehyde	ND	3.3	89			79	85	7.3	40 - 140	30	
Endrin ketone	ND	3.3	103			80	87	8.4	40 - 140	30	
g-BHC	ND	1.0	90			76	75	1.3	40 - 140	30	
g-Chlordane	ND	3.3	100			84	82	2.4	40 - 140	30	
Heptachlor	ND	3.3	106			75	71	5.5	40 - 140	30	
Heptachlor epoxide	ND	3.3	89			74	71	4.1	40 - 140	30	
Methoxychlor	ND	3.3	86			76	81	6.4	40 - 140	30	
Toxaphene	ND	130	NA			NA	NA	NC	40 - 140	30	
% DCBP	106	%	97			83	95	13.5	30 - 150	30	
% TCMX	94	%	92			76	76	0.0	30 - 150	30	

Comment:

The QC for this batch consists of a Blank, LCS, MS, and MSD.

QA/QC Batch 315077 (mg/kg), QC Sample No: BJ61173 (BJ61170, BJ61171, BJ61172, BJ61173)

Alcohol Analysis - Soil

Ethanol	ND	1.0	107	92	15.1	85	104	20.1	70 - 130	30	
Isobutyl alcohol	ND	1.0	87	122	33.5	116	136	15.9	70 - 130	30	m,r
Isopropyl alcohol	ND	1.0	97	124	24.4	118	147	21.9	70 - 130	30	m
Methanol	ND	1.0	77	106	31.7	107	122	13.1	70 - 130	30	r
n-Butyl alcohol	ND	1.0	85	112	27.4	100	135	29.8	70 - 130	30	m
Propanol	ND	1.0	87	97	10.9	94	121	25.1	70 - 130	30	
Sec-Butanol	ND	1.0	92	119	25.6	119	141	16.9	70 - 130	30	m
% 2-Pentanol(surr)	120	%	93	130	33.2	126	145	14.0	70 - 130	30	m,r

QA/QC Batch 314644 (ug/kg), QC Sample No: BJ61175 (BJ61166 (50X) , BJ61168, BJ61169, BJ61170, BJ61171, BJ61172 (50X, 1000X) , BJ61173, BJ61175, BJ61177)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	99	101	2.0	98	102	4.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	105	107	1.9	108	113	4.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	91	96	5.3	95	103	8.1	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	89	93	4.4	91	95	4.3	70 - 130	30	
1,1-Dichloroethane	ND	5.0	113	115	1.8	113	119	5.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	108	109	0.9	80	88	9.5	70 - 130	30	
1,1-Dichloropropene	ND	5.0	96	99	3.1	101	108	6.7	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	85	87	2.3	79	91	14.1	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	94	98	4.2	97	106	8.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	85	85	0.0	81	92	12.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	90	91	1.1	90	98	8.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	88	93	5.5	82	99	18.8	70 - 130	30	
1,2-Dibromoethane	ND	5.0	95	97	2.1	93	98	5.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	90	91	1.1	91	97	6.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	99	103	4.0	99	103	4.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	94	96	2.1	96	98	2.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	96	96	0.0	95	106	10.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	88	89	1.1	91	97	6.4	70 - 130	30	
1,3-Dichloropropane	ND	5.0	95	96	1.0	94	98	4.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	87	88	1.1	90	96	6.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	105	1.9	105	112	6.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Chlorotoluene	ND	5.0	91	92	1.1	91	99	8.4	70 - 130	30	
2-Hexanone	ND	25	84	91	8.0	88	96	8.7	70 - 130	30	
2-Isopropyltoluene	ND	5.0	94	96	2.1	95	103	8.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	89	89	0.0	89	96	7.6	70 - 130	30	
4-Methyl-2-pentanone	ND	25	89	94	5.5	93	100	7.3	70 - 130	30	
Acetone	ND	10	77	81	5.1	65	71	8.8	70 - 130	30	m
Acrylonitrile	ND	5.0	95	100	5.1	97	108	10.7	70 - 130	30	
Benzene	ND	1.0	94	96	2.1	97	102	5.0	70 - 130	30	
Bromobenzene	ND	5.0	88	91	3.4	88	95	7.7	70 - 130	30	
Bromochloromethane	ND	5.0	102	103	1.0	100	102	2.0	70 - 130	30	
Bromodichloromethane	ND	5.0	104	107	2.8	104	105	1.0	70 - 130	30	
Bromoform	ND	5.0	104	106	1.9	101	106	4.8	70 - 130	30	
Bromomethane	ND	5.0	117	118	0.9	62	74	17.6	70 - 130	30	m
Carbon Disulfide	ND	5.0	116	117	0.9	85	98	14.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	107	108	0.9	103	113	9.3	70 - 130	30	
Chlorobenzene	ND	5.0	93	93	0.0	95	99	4.1	70 - 130	30	
Chloroethane	ND	5.0	101	98	3.0	29	30	3.4	70 - 130	30	m
Chloroform	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
Chloromethane	ND	5.0	97	98	1.0	103	109	5.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	101	103	2.0	98	103	5.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	102	105	2.9	103	106	2.9	70 - 130	30	
Dibromochloromethane	ND	3.0	104	105	1.0	101	103	2.0	70 - 130	30	
Dibromomethane	ND	5.0	97	99	2.0	96	98	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	103	105	1.9	119	129	8.1	70 - 130	30	
Ethylbenzene	ND	1.0	97	97	0.0	99	106	6.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	89	92	3.3	93	103	10.2	70 - 130	30	
Isopropylbenzene	ND	1.0	93	96	3.2	94	103	9.1	70 - 130	30	
m&p-Xylene	ND	2.0	97	97	0.0	99	106	6.8	70 - 130	30	
Methyl ethyl ketone	ND	5.0	79	85	7.3	82	90	9.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	106	109	2.8	103	106	2.9	70 - 130	30	
Methylene chloride	ND	5.0	97	98	1.0	94	98	4.2	70 - 130	30	
Naphthalene	ND	5.0	95	99	4.1	86	101	16.0	70 - 130	30	
n-Butylbenzene	ND	1.0	91	92	1.1	94	104	10.1	70 - 130	30	
n-Propylbenzene	ND	1.0	86	89	3.4	88	96	8.7	70 - 130	30	
o-Xylene	ND	2.0	96	97	1.0	98	104	5.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	94	95	1.1	94	105	11.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	96	98	2.1	100	108	7.7	70 - 130	30	
Styrene	ND	5.0	95	96	1.0	97	102	5.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	95	96	1.0	96	105	9.0	70 - 130	30	
Tetrachloroethene	ND	5.0	91	93	2.2	97	104	7.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	93	99	6.3	96	105	9.0	70 - 130	30	
Toluene	ND	1.0	93	95	2.1	98	101	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	107	108	0.9	106	112	5.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	105	108	2.8	105	108	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	98	103	5.0	97	106	8.9	70 - 130	30	
Trichloroethene	ND	5.0	98	99	1.0	100	105	4.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	110	109	0.9	21	23	9.1	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	101	103	2.0	82	92	11.5	70 - 130	30	
Vinyl chloride	ND	5.0	111	112	0.9	124	133	7.0	70 - 130	30	m
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	96	%	103	105	1.9	104	104	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	101	102	1.0	99	98	1.0	70 - 130	30	
% Toluene-d8	99	%	100	100	0.0	100	99	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 314780 (ug/kg), QC Sample No: BJ61609 (BJ61166)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	95	93	2.1	94	101	7.2	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	106	100	5.8	99	106	6.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	91	4.3	91	99	8.4	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	90	88	2.2	87	92	5.6	70 - 130	30	
1,1-Dichloroethane	ND	5.0	111	107	3.7	105	113	7.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	104	5.6	62	65	4.7	70 - 130	30	m
1,1-Dichloropropene	ND	5.0	97	89	8.6	94	100	6.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	93	92	1.1	90	97	7.5	70 - 130	30	
1,2-Dichloroethane	ND	5.0	99	95	4.1	95	100	5.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	95	89	6.5	90	96	6.5	70 - 130	30	
1,3-Dichloropropane	ND	5.0	93	91	2.2	89	98	9.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	103	96	7.0	101	111	9.4	70 - 130	30	
2-Hexanone	ND	25	86	87	1.2	86	93	7.8	70 - 130	30	
4-Methyl-2-pentanone	ND	25	92	91	1.1	90	95	5.4	70 - 130	30	
Acetone	ND	10	81	82	1.2	56	62	10.2	70 - 130	30	m
Acrylonitrile	ND	5.0	97	97	0.0	92	98	6.3	70 - 130	30	
Benzene	ND	1.0	95	89	6.5	91	97	6.4	70 - 130	30	
Bromochloromethane	ND	5.0	102	95	7.1	95	102	7.1	70 - 130	30	
Bromodichloromethane	ND	5.0	105	99	5.9	97	105	7.9	70 - 130	30	
Bromoform	ND	5.0	103	100	3.0	96	105	9.0	70 - 130	30	
Bromomethane	ND	5.0	129	118	8.9	55	68	21.1	70 - 130	30	m
Carbon Disulfide	ND	5.0	122	114	6.8	72	76	5.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	104	99	4.9	97	102	5.0	70 - 130	30	
Chlorobenzene	ND	5.0	90	86	4.5	91	98	7.4	70 - 130	30	
Chloroethane	ND	5.0	105	99	5.9	25	28	11.3	70 - 130	30	m
Chloroform	ND	5.0	102	96	6.1	87	94	7.7	70 - 130	30	
Chloromethane	ND	5.0	101	96	5.1	102	109	6.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	95	7.1	92	99	7.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	97	6.0	99	106	6.8	70 - 130	30	
Dibromochloromethane	ND	3.0	102	98	4.0	96	104	8.0	70 - 130	30	
Dibromomethane	ND	5.0	100	92	8.3	90	96	6.5	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	118	110	7.0	117	128	9.0	70 - 130	30	
Ethylbenzene	ND	1.0	92	89	3.3	93	101	8.2	70 - 130	30	
m&p-Xylene	ND	2.0	93	88	5.5	95	103	8.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	78	80	2.5	78	81	3.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	107	3.7	94	102	8.2	70 - 130	30	
Methylene chloride	ND	5.0	100	95	5.1	83	90	8.1	70 - 130	30	
o-Xylene	ND	2.0	95	90	5.4	94	102	8.2	70 - 130	30	
Styrene	ND	5.0	93	88	5.5	93	102	9.2	70 - 130	30	
Tetrachloroethene	ND	5.0	91	83	9.2	95	98	3.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	95	94	1.1	91	98	7.4	70 - 130	30	
Toluene	ND	1.0	93	87	6.7	93	98	5.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	112	103	8.4	93	102	9.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	106	100	5.8	103	110	6.6	70 - 130	30	
Trichloroethene	ND	5.0	94	88	6.6	94	98	4.2	70 - 130	30	
Trichlorofluoromethane	ND	5.0	114	107	6.3	18	20	10.5	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	103	98	5.0	65	69	6.0	70 - 130	30	m
Vinyl chloride	ND	5.0	119	110	7.9	118	128	8.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Dibromofluoromethane	100	%	100	101	1.0	95	100	5.1	70 - 130	30	
% Toluene-d8	100	%	101	101	0.0	99	98	1.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 316169 (ug/kg), QC Sample No: BJ67196 (BJ61167)											
Volatiles - Soil											
1,1,1,2-Tetrachloroethane	ND	5.0	113	112	0.9	105	112	6.5	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	105	103	1.9	96	104	8.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	106	105	0.9	100	110	9.5	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	107	106	0.9	98	108	9.7	70 - 130	30	
1,1-Dichloroethane	ND	5.0	104	102	1.9	94	104	10.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	106	3.7	67	67	0.0	70 - 130	30	m
1,1-Dichloropropene	ND	5.0	108	107	0.9	103	110	6.6	70 - 130	30	
1,2-Dibromoethane	ND	5.0	110	110	0.0	101	111	9.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	107	105	1.9	96	104	8.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	109	107	1.9	102	109	6.6	70 - 130	30	
1,3-Dichloropropane	ND	5.0	109	109	0.0	102	110	7.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	78	81	3.8	94	105	11.1	70 - 130	30	
2-Hexanone	ND	25	89	90	1.1	80	88	9.5	70 - 130	30	
4-Methyl-2-pentanone	ND	25	103	101	2.0	90	101	11.5	70 - 130	30	
Acetone	ND	10	71	69	2.9	18	18	0.0	70 - 130	30	l,m
Acrylonitrile	ND	5.0	107	105	1.9	92	104	12.2	70 - 130	30	
Benzene	ND	1.0	111	109	1.8	105	111	5.6	70 - 130	30	
Bromochloromethane	ND	5.0	100	99	1.0	88	99	11.8	70 - 130	30	
Bromodichloromethane	ND	5.0	117	115	1.7	103	112	8.4	70 - 130	30	
Bromoform	ND	5.0	117	116	0.9	97	105	7.9	70 - 130	30	
Bromomethane	ND	5.0	107	107	0.0	68	84	21.1	70 - 130	30	m
Carbon Disulfide	ND	5.0	114	112	1.8	67	69	2.9	70 - 130	30	m
Carbon tetrachloride	ND	5.0	104	102	1.9	90	99	9.5	70 - 130	30	
Chlorobenzene	ND	5.0	106	105	0.9	101	108	6.7	70 - 130	30	
Chloroethane	ND	5.0	109	108	0.9	47	32	38.0	70 - 130	30	m,r
Chloroform	ND	5.0	101	100	1.0	93	95	2.1	70 - 130	30	
Chloromethane	ND	5.0	95	96	1.0	89	99	10.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	103	0.0	96	105	9.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	111	110	0.9	103	112	8.4	70 - 130	30	
Dibromochloromethane	ND	3.0	125	122	2.4	110	117	6.2	70 - 130	30	
Dibromomethane	ND	5.0	108	106	1.9	96	106	9.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	114	112	1.8	101	40	86.5	70 - 130	30	m,r
Ethylbenzene	ND	1.0	108	107	0.9	105	110	4.7	70 - 130	30	
m&p-Xylene	ND	2.0	104	102	1.9	101	108	6.7	70 - 130	30	
Methyl ethyl ketone	ND	5.0	76	76	0.0	69	78	12.2	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	101	102	1.0	99	108	8.7	70 - 130	30	
Methylene chloride	ND	5.0	96	98	2.1	68	70	2.9	70 - 130	30	m
o-Xylene	ND	2.0	105	105	0.0	101	108	6.7	70 - 130	30	
Styrene	ND	5.0	103	102	1.0	99	105	5.9	70 - 130	30	
Tetrachloroethene	ND	5.0	105	103	1.9	103	110	6.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	98	97	1.0	87	98	11.9	70 - 130	30	
Toluene	ND	1.0	106	105	0.9	100	108	7.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	106	104	1.9	92	99	7.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	110	0.9	102	111	8.5	70 - 130	30	
Trichloroethene	ND	5.0	114	111	2.7	103	111	7.5	70 - 130	30	
Trichlorofluoromethane	ND	5.0	102	99	3.0	36	40	10.5	70 - 130	30	m

QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Trichlorotrifluoroethane	ND	5.0	111	105	5.6	71	67	5.8	70 - 130	30	m
Vinyl chloride	ND	5.0	108	107	0.9	37	37	0.0	70 - 130	30	m
% Dibromofluoromethane	91	%	89	90	1.1	87	88	1.1	70 - 130	30	
% Toluene-d8	95	%	98	99	1.0	97	99	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 316171 (ug/kg), QC Sample No: BJ68047 (BJ61167 (50X))

Volatiles - Soil

1,2,3-Trichlorobenzene	ND	5.0	84	91	8.0	95	93	2.1	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	91	100	9.4	106	102	3.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	74	85	13.8	92	88	4.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	81	89	9.4	90	84	6.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	93	111	17.6	110	108	1.8	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	88	94	6.6	99	98	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	85	92	7.9	99	98	1.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	85	94	10.1	99	97	2.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	82	89	8.2	98	95	3.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	87	96	9.8	101	98	3.0	70 - 130	30	
2-Isopropyltoluene	ND	5.0	90	98	8.5	104	103	1.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	84	90	6.9	100	96	4.1	70 - 130	30	
Bromobenzene	ND	5.0	92	101	9.3	104	103	1.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	92	102	10.3	107	104	2.8	70 - 130	30	
Isopropylbenzene	ND	1.0	93	99	6.3	107	107	0.0	70 - 130	30	
Naphthalene	ND	5.0	91	100	9.4	93	82	12.6	70 - 130	30	
n-Butylbenzene	ND	1.0	80	89	10.7	98	94	4.2	70 - 130	30	
n-Propylbenzene	ND	1.0	85	92	7.9	101	97	4.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	85	94	10.1	101	99	2.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	90	98	8.5	104	102	1.9	70 - 130	30	
tert-Butylbenzene	ND	1.0	91	99	8.4	105	104	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	87	96	9.8	102	97	5.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	103	102	1.0	104	103	1.0	70 - 130	30	
% Bromofluorobenzene	91	%	98	97	1.0	99	96	3.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 318204 (ug/Kg), QC Sample No: BJ80238 2X (BJ61166, BJ61167, BJ61169, BJ61170, BJ61175)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	100	97	3.0	98	111	12.4	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	103	100	3.0	98	115	16.0	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	92	%	112	108	3.6	105	127	19.0	30 - 150	30	
% TCMX (Surrogate Rec)	88	%	104	102	1.9	104	118	12.6	30 - 150	30	

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

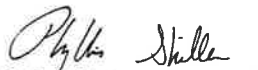
QA/QC Data

SDG I.D.: GBJ61165

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
August 28, 2015

Sample Criteria Exceedences Report

GBJ61165 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ61167	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / RES DEC (mg/	ND	10	7	7	ug/Kg
BJ61167	$PCB_SMR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	91000	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61167	$PCB_SMR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	14000	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	6300	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PCB_SMR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BJ61169	$PEST_SMR	Heptachlor	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	18	13	13	ug/Kg
BJ61169	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	700	330	330	ug/Kg
BJ61169	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	50	7	7	ug/Kg
BJ61169	$PEST_SMR	Chlordane	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	180	66	66	ug/Kg
BJ61169	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	50	38	38	ug/Kg
BJ61169	$PEST_SMR	Toxaphene	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	700	560	560	ug/Kg
BJ61170	$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	1100	58	500	500	mg/Kg
BJ61170	$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	1100	58	500	500	mg/Kg
BJ61170	$PCB_SMR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	21000	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61170	$PCB_SMR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	1900	1000	1000	ug/Kg
BJ61172	$8260MAR	Tetrachloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Carbon tetrachloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Chloroform	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	120	120	ug/Kg
BJ61172	$8260MAR	Chloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	54	54	ug/Kg

Sample Criteria Exceedences Report

GBJ61165 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ61172	$8260MAR	cis-1,3-Dichloropropene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	Dibromochloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	170	10	10	ug/Kg
BJ61172	$8260MAR	n-Propylbenzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	2500	280	1400	1400	ug/Kg
BJ61172	$8260MAR	Bromodichloromethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	11	11	ug/Kg
BJ61172	$8260MAR	trans-1,3-Dichloropropene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	Trichloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Vinyl chloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	40	40	ug/Kg
BJ61172	$8260MAR	Methylene chloride	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	1,1,1,2-Tetrachloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	1,1,2,2-Tetrachloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	170	10	10	ug/Kg
BJ61172	$8260MAR	1,1,2-Trichloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Bromomethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	200	200	ug/Kg
BJ61172	$8260MAR	1,2,4-Trimethylbenzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	19000	5500	7000	7000	ug/Kg
BJ61172	$8260MAR	Bromoform	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	80	80	ug/Kg
BJ61172	$8260MAR	1,2-Dichloroethane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	1,2-Dichloropropane	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	100	100	ug/Kg
BJ61172	$8260MAR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	10	10	ug/Kg
BJ61172	$8260MAR	Benzene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	20	20	ug/Kg
BJ61172	$8260MAR	1,1-Dichloroethene	CT / VOLATILE ORGANIC COMPOUND / GA/GAA PMC	ND	280	140	140	ug/Kg
BJ61172	$8260MAR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / RES DEC (mg/	ND	280	7	7	ug/Kg
BJ61175	$PEST_SMR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GA/GAA PMC (mg/kg	ND	25	7	7	ug/Kg
BJ61175	PB-SM	Lead	CT / INORGANIC SUBSTANCES / RES DEC (mg/kg)	1190	3.8	400	400	mg/Kg
BJ61175	SPLP-PB	SPLP Lead	CT / INORGANIC SUBSTANCES / GA/GAA PMC (mg/l)**	0.029	0.010	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL/05.0045441.00 **Project Number:**

Laboratory Sample ID(s): BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177

Sampling Date(s): 7/21/2015

RCP Methods Used:

☑ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☑ 8081 ☐ EPH ☐ TO15
☑ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☑ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☐ Yes ☑ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: ALCOHOL, ETPH Narration, VOA Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Maryam Taylor

Date: Friday, August 28, 2015
Printed Name: Maryam Taylor
Position: Project Manager

Nov 2007

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RCP Certification Report

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SDG I.D.: GBJ61165

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody.

Sample(s) required a dilution for Volatiles due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

Sample(s) required a dilution for Pesticides due to the presence of target and/or non-target compounds. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

BJ61167 - The holding time limit was exceeded for Volatiles. A low bias can not be ruled out.

8082 PCB:
Samples were analyzed past hold as per clients request. No significant bias is suspected.

ALCOHOL

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 315077 (Samples: BJ61170, BJ61171, BJ61172, BJ61173): -----

One or more surrogates is outside of criteria. (% 2-Pentanol(surr))

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s) so no variability is suspected. (Isobutyl alcohol, Methanol)

The LCS/LCSD RPD exceeds the method criteria for one or more surrogates, therefore there may be variability in the reported result. (% 2-Pentanol(surr))

The MS and/or the MSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Isobutyl alcohol, Isopropyl alcohol, n-Butyl alcohol, Sec-Butanol)

Instrument: Headspace 07/27/15-1 (BJ61170, BJ61171, BJ61172, BJ61173)

Printed Name Jeff Bucko
Position: Chemist
Date: 7/27/2015

RCP Certification Report

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SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ61173, QA/QC Batch: 315077 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % 2-Pentanol(surr)(33.2%), Isobutyl alcohol(33.5%), Methanol(31.7%)

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314519 (Samples: BJ61173, BJ61175): -----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, therefore there may be variability in the reported result. (Ext. Petroleum HC)

The LCS/LCSD RPD exceeds the method criteria for one or more surrogates. Both recoveries are within limits. No significant ias is suspected. (% n-Pentacosane)

Instrument: Au-fid11 07/22/15-1 (BJ61166, BJ61168, BJ61169, BJ61170)

The initial calibration (ETPH625I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

Instrument: Au-fid11 07/23/15-1 (BJ61171)

The initial calibration (ETPH625I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (723A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/23/2015

Instrument: Au-fid84 07/22/15-1 (BJ61172)

Initial Calibration (FID84 - ETPH_413) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

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As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

The initial calibration (ETPH709I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722A003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

Instrument: Aufid-d1 07/22/15-1 (BJ61173, BJ61175)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

The initial calibration (ETPH711I) RSD for the compound list was less than 30% except for the following compounds: None.

As per section 7.2.3, a discrimination check standard was run (722B003_1) and contained the following outliers: None.

The continuing calibration %D for the compound list was less than 30% except for the following compounds: None.

Printed Name Jeff Bucko
Position: Chemist
Date: 7/22/2015

QC (Batch Specific)

---------- Sample No: BJ60744, QA/QC Batch: 314519 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % n-Pentacosane(31.4%), Ext. Petroleum HC(35.0%)

---------- Sample No: BJ60899, QA/QC Batch: 314524 ----------

All LCS recoveries were within 60 - 120 with the following exceptions: None.

All LCSD recoveries were within 60 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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SDG I.D.: GBJ61165

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 07/23/15-1 (BJ61166, BJ61169, BJ61175)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 7/23/2015

QC (Batch Specific)

---------- Sample No: BJ61166, QA/QC Batch: 314715 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Arcos 07/22/15-1 (BJ61166, BJ61169, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/22/2015

Instrument: Arcos 07/23/15-1 (BJ61166, BJ61169, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.

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SDG I.D.: GBJ61165

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/23/2015

Instrument: Arcos 07/24/15-1 (BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/24/2015

Instrument: Arcos 08/04/15-1 (BJ61166, BJ61175)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 8/4/2015

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SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ61166, QA/QC Batch: 314672 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ65150, QA/QC Batch: 315423 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd29 08/26/15-1 (BJ61166, BJ61167, BJ61169, BJ61170, BJ61175)

The initial calibration (PC820A1) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC820B1) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Adam Werner
Position: Chemist
Date: 8/26/2015

QC (Batch Specific)

---------- Sample No: BJ80238, QA/QC Batch: 318204 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd13 07/22/15-1 (BJ61166, BJ61169, BJ61175)

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SDG I.D.: GBJ61165

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS722A1) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS722B1) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/22/2015

QC Comments: QC Batch 314528 07/21/15 (BJ61166, BJ61169, BJ61175)

The QC for this batch consists of a Blank, LCS, MS. and MSD.

QC (Batch Specific)

---------- Sample No: BJ61045, QA/QC Batch: 314528 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem19 07/21/15-2 (BJ61166, BJ61167, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

Initial Calibration Verification (CHEM19/SV_0720):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: 2,4-Dinitrophenol (56%), 4,6-Dinitro-2-methylphenol (28%), Pentachlorophenol (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM19/0721_22-SV_0720):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: 4-nitrophenol (44%H)[30%]
The following compounds did not meet maximum % deviations: 4-nitrophenol (44%H)[40%]
The following compounds did not meet recommended response factors: 2-nitrophenol (.056)[0.1], Hexachlorobenzene (.086)[0.1]
The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/21/2015

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SDG I.D.: GBJ61165

QC (Batch Specific)

---------- Sample No: BJ60983, QA/QC Batch: 314526 ----------

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 314644 (Samples: BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177): -----

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (Acetone, Bromomethane, Chloroethane, Trichlorofluoromethane)

The MS and/or the MSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Vinyl chloride)

QC Batch 316169 (Sample: BJ61167) ----

The QC recoveries for one or more analytes are below the method criteria. A low bias is possible. (Acetone)

Instrument: Chem03 07/22/15-1 (BJ61166, BJ61168, BJ61169, BJ61170, BJ61171, BJ61172, BJ61173, BJ61175, BJ61177)

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0722L02-VT-L0622):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/22/2015

Instrument: Chem03 07/23/15-1 (BJ61166)

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SDG I.D.: GBJ61165

Initial Calibration Verification (CHEM03/VT-L0622):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (27%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM03/0723L02-VT-L0622):
99% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: Bromomethane (31%L)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 7/23/2015

Instrument: Chem15 08/05/15-1 (BJ61167)

Initial Calibration Verification (CHEM15/VT-B0803):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone (26%), Chloroethane (23%), Methylacetate (33%), Methylene Chloride (33%)
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM15/0805B03-VT-B0803):
98% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: 2,2-dichloropropane (34%L)[30%], Acrolein (54%H)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 8/5/2015

Instrument: Chem18 08/05/15-1 (BJ61167)

Initial Calibration Verification (CHEM18/VT-M0729):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-Chloropropane (23%), Acrolein (31%)
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

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SDG I.D.: GBJ61165

Continuing Calibration Verification (CHEM18/0805M03-VT-M0729):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Jane Li
Position: Chemist
Date: 8/5/2015

QC (Batch Specific)

---------- Sample No: BJ61175, QA/QC Batch: 314644 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ61609, QA/QC Batch: 314780 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ67196, QA/QC Batch: 316169 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: Acetone(69%)

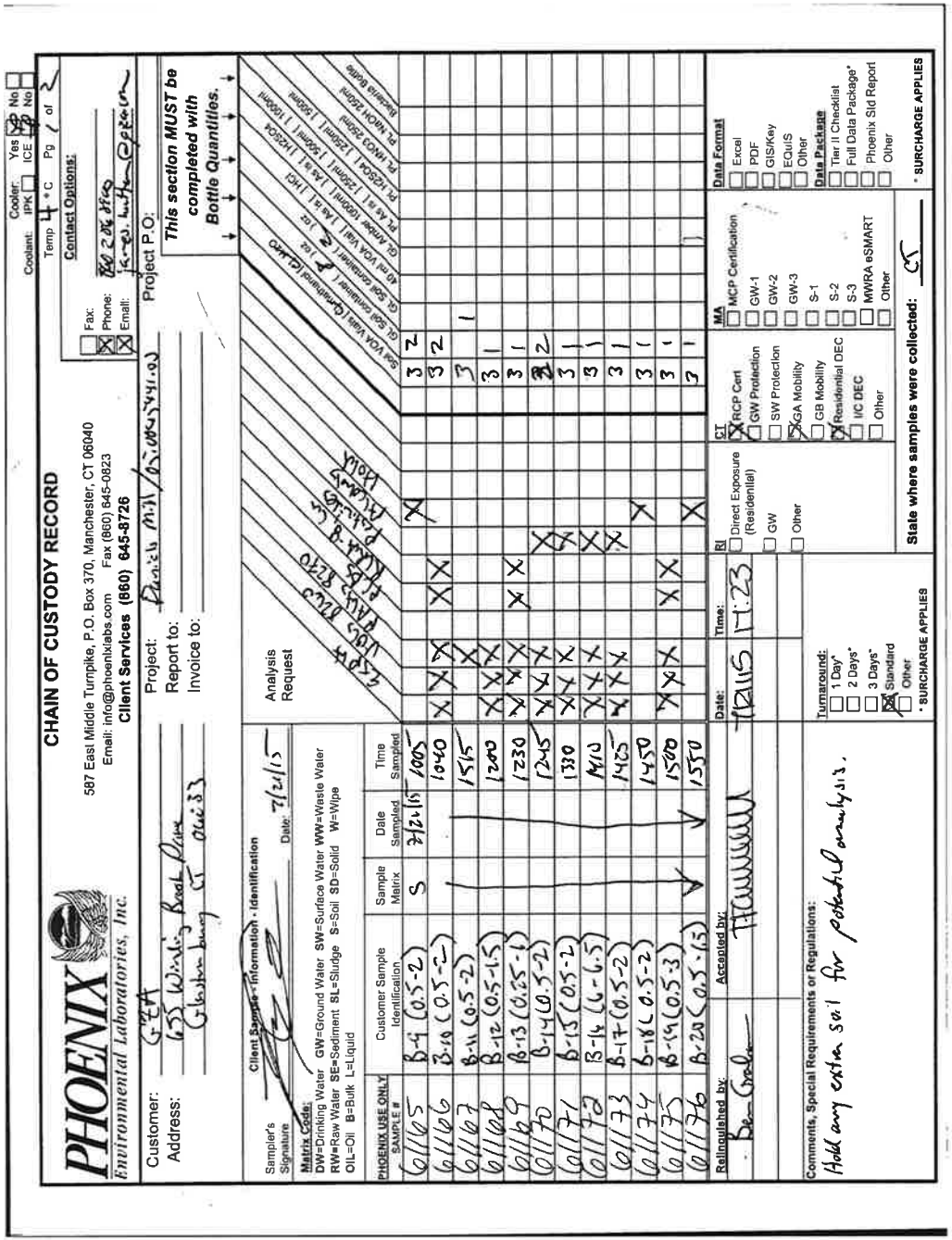
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BJ68047, QA/QC Batch: 316171 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Coolant: IPK ☐ ICE ☒ Yes ☒ No ☐ — Temp 4 °C Pg 2 of 2

Customer: GZA
Address: 655 Winding Brook Drive, Glastonbury CT 06033

Project: Danielle's Mill/05.0045441.03
Report to: Jim Hutton
Invoice to: GZA

Contact Options: Fax: ☐ Phone: ☒ 860 286 8900 Email: ☒ james.hutton@gza.com

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature: [signature] Date: 7/21/15

Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid

Analysis Request: VOC 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	Soil VOA Vials
01177	Trip Blank LL	DI	7/21/15	–	X	2
01178	Trip Blank High	MeOH	↓	–	X	1

Relinquished by: Ben Graham
Accepted by: [signature]
Date: 7/21/15 Time: 17:23

Comments, Special Requirements or Regulations:
* received 3 Low Level vials w/ custody seals for Trip Blanks. No High level vial received. emailed client 7/21/15

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other

RI: ☐ Direct Exposure (Residential) ☐ GW ☐ Other
CT: ☒ RCP Cert ☒ GW Protection ☐ SW Protection ☒ GA Mobility ☐ GB Mobility ☒ Residential DEC ☐ I/C DEC ☐ Other
MA: ☐ MCP Certification ☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ MWRA eSMART ☐ Other
Data Format: ☐ Excel ☐ PDF ☐ GIS/Key ☐ EQuIS ☐ Other
Data Package: ☐ Tier II Checklist ☐ Full Data Package* ☐ Phoenix Std Report ☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

GBJ61165

Shannon - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Monday, August 03, 2015 11:45 AM
To: 'Shannon - Phoenixlabs'; 'Lori - Phoenixlabs'
Subject: FW: Danielles Mill Additional SPLP Analysis

can you add? thanks

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Monday, August 03, 2015 11:29 AM
To: 'bobbi@phoenixlabs.com'
Subject: Danielles Mill Additional SPLP Analysis

Bobbi,

Could we please have the following samples run for SPLP analysis.

Date Sampled	GZA ID	Phoenix ID	Analysis Requested
7/20/2015	B-2 (0.5-2)	BJ59684	SPLP Lead
7/22/2015	B-7 (3-5)	BJ62589	SPLP Lead, SPLP Arsenic
7/21/2015	B-10 (0.5-2)	BJ61166	SPLP Lead
7/21/2015	B-19 (0.5-3)	BJ61175	SPLP Lead, SPLP Barium

We would like a 3 day TOT.

Thanks
Anthony
Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3121 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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Linda - Phoenixlabs

From: Anthony Trani [Anthony.Trani@gza.com]
Sent: Tuesday, August 04, 2015 2:33 PM
To: Linda - Phoenixlabs; bobbi@phoenixlabs.com
Cc: James Hutton
Subject: RE: Daniel's Mill Additional Analysis

We would like to run it for VOCs anyways.

Thanks
Anthony

From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Tuesday, August 04, 2015 2:32 PM
To: Anthony Trani <Anthony.Trani@gza.com>; bobbi@phoenixlabs.com
Cc: James Hutton <james.hutton@gza.com>
Subject: RE: Daniel's Mill Additional Analysis

Anthony
It looks like that sample was taken on 7/20, it is past hold for VOC. Please let me know what you would like to do.
thanks
Linda

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

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From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Tuesday, August 04, 2015 2:28 PM
To: 'bobbi@phoenixlabs.com'
Cc: 'linda@phoenixlabs.com'; James Hutton
Subject: Daniel's Mill Additional Analysis

Bobbi,

We would like to have sample B-11 (0.5-2) with Phoenix ID #61167 run for VOCs. We would like a 3 day TOT.

Please confirm that you still have the sample and can run the VOC analysis for us.

Thank
Anthony

Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3121 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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Linda - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Monday, August 24, 2015 4:58 PM
To: linda@phoenixlabs.com
Subject: : Daniel's Mill - Additional Analysis

can you please check these numbers to see if enough. TY

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Monday, August 24, 2015 4:01 PM
To: 'bobbi@phoenixlabs.com'
Cc: James Hutton
Subject: Daniel's Mill - Additional Analysis

Bobbi,

We would like have additional analysis for PCBs run at Daniel's Mill. Would you please let me know if you have soil samples at sufficient volume for the samples below in the table. I

Sample ID	B-10	B-11	B-12	B-13	
Date	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/
Depth (feet)	0.5-2	0.5-2	0.5-1.5	0.25-1	
Phoenix ID	BJ61166	BJ61167	BJ61168	BJ61169	B

I need to know what you have available to run and then I can follow up with an email about which soil samples we would like to have additionally analyzed for PCBs.

Thanks
Anthony

Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3123 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

Bobbi - Phoenixlabs

From: Anthony Trani [Anthony.Trani@gza.com]
Sent: Tuesday, August 25, 2015 10:17 AM
To: Bobbi - Phoenixlabs
Cc: James Hutton
Subject: RE: Question: Daniel's Mill - Additional Analysis

Bobbi,

I just met with Jim about the samples. We would like to have the PCBs run via the ASE method. Would a 24 hour TOT work?

We would like to have the following samples run for PCBs via ASE:

Sample ID	B-10	B-11	B-13	B-14	B-19
Date	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015
Depth (feet)	0.5-2	0.5-2	0.25-1	0.5-2	0.5-3
Phoenix ID	BJ61166	BJ61167	BJ61169	BJ61170	BJ61175

Thanks
Anthony

From: Bobbi - Phoenixlabs [mailto:bobbi@phoenixlabs.com]
Sent: Tuesday, August 25, 2015 9:47 AM
To: Anthony Trani <Anthony.Trani@gza.com>
Cc: James Hutton <james.hutton@gza.com>; 'Bobbi - Phoenixlabs' <bobbi@phoenixlabs.com>
Subject: Question: Daniel's Mill - Additional Analysis
Importance: High

Good morning-
I still have not heard back about whether or not these PCB's need to be done via Soxhlet extraction or is regular ASE extraction acceptable? Once I hear back I can start the process of running these.

Thanks

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

From: Anthony Trani [mailto:Anthony.Trani@gza.com]
Sent: Monday, August 24, 2015 4:01 PM
To: 'bobbi@phoenixlabs.com'
Cc: James Hutton
Subject: Daniel's Mill - Additional Analysis

Bobbi,

We would like have additional analysis for PCBs run at Daniel's Mill. Would you please let me know if you have soil samples at sufficient volume for the samples below in the table. I

Sample ID	B-10	B-11	B-12	B-13	B-14	B-15	B-16	B-17	B-19
Date	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015	7/21/2015
Depth (feet)	0.5-2	0.5-2	0.5-1.5	0.25-1	0.5-2	0.5-2	6-6.5	0.5-2	0.5-3
Phoenix ID	BJ61166	BJ61167	BJ61168	BJ61169	BJ61170	BJ61171	BJ61172	BJ61173	BJ61175

I need to know what you have available to run and then I can follow up with an email about which soil samples we would like to have additionally analyzed for PCBs.

Thanks
Anthony

Anthony Trani
Assistant Project Manager
GZA | 655 Winding Brook Drive, Suite 402 | Glastonbury, CT 06033
o: 860.858.3123 | c: 860.990.5404 | anthony.trani@gza.com | www.gza.com

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APPENDIX E
GROUNDWATER SAMPLING FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORTS

GZA GeoEnvironmental, Inc.
655 Winding Brook Drive, Suite 402
Glastonbury, CT 06033

GROUNDWATER SAMPLING DATA SHEET

Well ID: MW-2
Sample Date: 7/27/2015

PROJECT INFORMATION

Project Name: Daniel's Mill Location: Vernon, CT File No. 05.0045441.03

WATER LEVEL OBSERVATIONS Measurement Date/Time: 7/27/2015 / 1145 Collector Initials: BAG

Reference Point of Measurement: PVC Riser ☑ Steel Casing ☐ Ground ☐ Reference Elevation (feet) _____

Well Completion: Stand Pipe ☐ Road Box ☑ Ground Elevation (feet) _____

Difference Between PVC and Casing Top (feet): 0.98 Difference in Elevation (feet): _____

Well Screened Interval (fbg) 24.73-34.73 (Reference Elevation - Ground Elevation)

HACH Kit Type NA Other Field Method _____

	Depth from Ref. Point	Depth Below Ground
Total Length of Well (feet):	33.75	34.73
Depth to Water (feet):	32.84	33.82
Standing Water in Well (feet):	0.91	0.91

(Reference Point Measurement - Difference in Elevation)

Total Purged Sample Volume 2.5 gallons or ☑ liters ☐

Multiply liters by 0.2642 to get gallons

Well Condition: Protective Casing - poor / **good**; Lock - Yes / **No**; Expansion Cap - **Yes**/No; Well ID - Yes / **No**; Concrete Collar - **Yes** / No; Well - poor / **good**

Well head vapors: VOCs (PID/FID) _____ ppmv Methane (FID/Other) _____ ppmv Other _____ ppmv

Sample Method: Bail ☑ Grab ☐ Pump ☐ Low Flow ☐ **Purge Method:** Bail ☑ Pump ☐ **Flow-Thru Cell Vol:** (460mL) ☐ Other: ☐____

Pump Type: Electric Submersible ☐ Peristaltic ☐ Bladder Pump ☐ Other: ☐ _____

CALIBRATION DATA:

				Temp/time (#1)		Temp/time (#2)	
Specific Conductance:	Instrument Model:	YSI 556	Standard Solution:	1413	Reading (#1)	1413	Reading (#2)
pH (s.u.):	Instrument Model:	YSI 556	Reading: pH 4: (1/2)	4.00	pH 7: (1/2)	6.99	pH 10: (1/2) 10.01
DO (mg/L):	Instrument Model:	YSI 556	Standard Solution:	100%	Reading (#1)	100.60%	(#2)
Turbidity (NTU):	Instrument Model:	Micro TPI	Standard Solution:	1000/20/0.02	Reading (#1)	Calibrated	
ORP (mvolts:)	Instrument Model:	YSI 556	Standard Solution:	237.5	Reading (#1)	237.5	(#2)

INSTRUMENT MEASUREMENTS:

Parameters	Static*	1	2	3	4	5	6	7	8	Stabilized
Time: 1145										
Depth to Water (ft) below Ref. point (drawdown <0.3)										
Volume Purged (L)										
Purge Rate (ml/min)			No Parameters - bailed 3x the well volume.							
Temperature (3%) °C										
Spec. Cond. (3%) (µS)										
Salinity (3%) (ppt)										
DO (10%) (mg/L)										
pH (+/- 0.1) (s.u.)										
ORP** (+/- 10) (mvolts)										
Turbidity (<5) (10%) (ntu)										

*Static measurement is before installation of equipment.
**If ORP is negative and DO is greater than 2 mg/L or if DO is greater than 10 mg/L; recalibrate and/or clean instrument. If persistent call PM.

SAMPLING INFORMATION **Sample Depth:** 33.40 (below grade ___ or ref. pt. ___) **Sample Time:** 1200 **Sample ID:** MW-2

Analysis	Method	No. Bottles	Bottle Type	Vol.	Preservation	Handling
VOCs	8260	3	VOA	40-mL	HCl	Ice/Cooler
PAHs	SIM	2	Amber Glass	1-L	None	Ice/Cooler
Pesticides	8081	1	Amber Glass	1-L	None	Ice/Cooler
Metals		1	Plastic	250 mL	HNO3	Ice/Cooler

NOTES/OBSERVATIONS: Attempted 3/4" bladder pump. Not enough water in well. Bailed 3x the well volume (2.5 gallons) then sampled.

Color: Clear Odor: None Product Thickness: N/A (Call PM if present) Well Condition: Good

GZA GeoEnvironmental, Inc.
655 Winding Brook Drive, Suite 402
Glastonbury, CT 06033

GROUNDWATER SAMPLING DATA SHEET

Well ID: MW-1
Sample Date: 7/27/2015

PROJECT INFORMATION

Project Name: Daniel's Mill Location: Vernon, CT File No. 05.0045441.03

WATER LEVEL OBSERVATIONS

Measurement Date/Time: 7/27/2015 / 0930 Collector Initials: BAG

Reference Point of Measurement: PVC Riser ☑ Steel Casing ☐ Ground ☐ Reference Elevation (feet)

Well Completion: Stand Pipe ☐ Road Box ☑ Ground Elevation (feet)

Difference Between PVC and Casing Top (feet): 0.55 Difference in Elevation (feet):

Well Screened Interval (fbg): 22.25-32.25 (Reference Elevation - Ground Elevation)

HACH Kit Type: NA Other Field Method

	Depth from Ref. Point	Depth Below Ground
Total Length of Well (feet):	31.70	32.25
Depth to Water (feet):	19.87	20.42
Standing Water in Well (feet):	11.83	11.83

(Reference Point Measurement - Difference in Elevation)

Total Purged Sample Volume 7.2 gallons or ☐ liters ☑

Multiply liters by 0.2642 to get gallons

Well Condition: Protective Casing - poor / **good**; Lock - Yes / **No**; Expansion Cap - **Yes**/No; Well ID - Yes / **No**; Concrete Collar - **Yes** / No; Well - poor / **good**

Well head vapors: VOCs (PID/FID) - ppmv Methane (FID/Other) - ppmv Other - ppmv

Sample Method: Bail ☐ Grab ☐ Pump ☐ Low Flow ☑ **Purge Method:** Bail ☐ Pump ☑ **Flow-Thru Cell Vol:** (460mL) ☑ Other: ☐

Pump Type: Electric Submersible ☐ Peristaltic ☑ Bladder Pump ☐ Other: ☐

CALIBRATION DATA:

				Temp/time (#1) 19'/0745		Temp/time (#2)		
Specific Conductance:	Instrument Model:	YSI 556	Standard Solution:	1413	Reading (#1)	1413	Reading (#2)	
pH (s.u.):	Instrument Model:	YSI 556	Reading: pH 4: (1/2)	4.00	pH 7: (1/2)	6.99	pH 10: (1/2)	10.01
DO (mg/L):	Instrument Model:	YSI 556	Standard Solution:	100%	Reading (#1)	100.60%	(#2)	
Turbidity (NTU):	Instrument Model:	Micro TPI	Standard Solution:	1000/20/0.02	Reading (#1)	Calibrated		
ORP (mvolts:)	Instrument Model:	YSI 556	Standard Solution:	237.5	Reading (#1)	237.5	(#2)	

INSTRUMENT MEASUREMENTS:

Parameters	Static*	1	2	3	4	5	6	7	8	Stabilized
Time:	0945	1000	1005	1010	1015	1020	1025	1030		1030
Depth to Water (ft) below Ref. point (drawdown <0.3)	19.87	20.22	20.22	20.22	20.22	20.22	20.22	20.22		20.22
Volume Purged (L)		2.4	3.2	4.0	4.8	5.6	6.4	7.2		7.2
Purge Rate (ml/min)		160	160	160	160	160	160	160		160
Temperature (3%) °C		13.87	13.94	13.96	13.81	13.65	13.69	13.71		13.71
Spec. Cond. (3%) (µS)		2314	2222	2190	2177	2187	2195	2201		2201
Salinity (3%) (ppt)		1.20	1.15	1.13	1.12	1.13	1.13	1.13		1.13
DO (10%) (mg/L)		6.64	5.53	5.18	5.38	5.22	5.14	5.09		5.09
pH (+/- 0.1) (s.u.)		6.24	6.31	6.30	6.28	6.28	6.28	6.27		6.27
ORP** (+/- 10) (mvolts)		131.1	106.3	101.9	98.9	98.9	99.4	101.9		101.9
Turbidity (<5) (10%) (ntu)		22.02	18.61	15.36	12.76	9.84	7.43	4.84		4.84

*Static measurement is before installation of equipment.

**If ORP is negative and DO is greater than 2 mg/L or if DO is greater than 10 mg/L; recalibrate and/or clean instrument. If persistent call PM.

SAMPLING INFORMATION **Sample Depth:** 27.25 (below grade ___ or ref. pt. __X) **Sample Time:** 1030 **Sample ID:** MW-1

Analysis	Method	No. Bottles	Bottle Type	Vol.	Preservation	Handling
VOCs	8260	9	VOA	40-mL	HCl	Ice/Cooler
PAHs	SIM	6	Amber Glass	1-L	None	Ice/Cooler
Pesticides	8081	3	Amber Glass	1-L	None	Ice/Cooler
Metals		3	Plastic	250 mL	HNO3	Ice/Cooler

NOTES/OBSERVATIONS: Collected MS/MSD

Color: Clear Odor: None Product Thickness: N/A (Call PM if present) Well Condition: Good

WELL DEVELOPMENT DATA SHEET

GZA GEOENVIRONMENTAL, INC.
655 Winding Brook Drive, Suite 402 Glastonbury, CT 06033
860-286-8900

Well ID: MW-2

Date: 7/23/15

PROJECT INFORMATION

Project Name: Daniel's Mill Location: Vernon, CT File No. 05.0045441.03

Eng. Staff: BAG PM.: JTH Drilling Contractor: ADT Driller: Lavelle Tatum

INITIAL WATER LEVEL OBSERVATIONS

Measurement Date: 7/23/15 Measurement Time: 0840

Point of Measurement: **PVC Riser** Steel Casing Ground

Total Well Depth (feet): 33.75

Depth to Water (feet): 32.8

Standing Water in Well (feet) 0.95

1 " Well: (Ft of H_20) x (0.004 gal/ft) x 3 to 5 vols.

1½ " Well: (Ft of H_20) x (0.091 gal/ft) x 3 to 5 vols.

2" Well: (Ft of H_20) x (0.163 gal/ft) x 3 to **5 vols** 0.8

Actual Volumes Purged (gallons): 14

INFORMATION:

	1	2	3	4	5	6
Time: 1100 Start	*1200	1300	1400			
Gallons Purged:	5	5	4			
Discharge Rate (gals/hr):	5	5	4			
Drawdown (ft):	0.15	0.15	0.15			
Turbidity (ntu):	NM	NM	NM			
pH (su):	NM	NM	NM			
Spec. Cond. (µS):	NM	NM	NM			
Temp (°C:	NM	NM	NM			
DO (mg/L):	NM	NM	NM			

	1	2	3	4	5	6
RECHARGE DATA:						
Depth to Water (ft):	32.9	32.9	32.9			
Elapsed Time (min):	60	120	189			

OBSERVATIONS:

Color: Black Brown Red Brown Yellow Other: Light brown - clear

WELL CONDITION:

Steel Casing: **Good** / Poor / Needs Repair **Riser:** **Good** / Poor / Needs Repair **Cement Collar:** **Good** / Poor / Needs Repair

Notes: ADT added ~3 gallons of water to well during installation; GZA added 3 gallons of distilled water to the well during development. After ~3 minutes Water level was 32.6'. Water lost in a fracture/void @ ~32.75'. *GZA removed water with a 2" bailer (~4-6" in bailer per bail).

WELL DEVELOPMENT DATA SHEET

GZA GEOENVIRONMENTAL, INC.
655 Winding Brook Drive, Suite 402 Glastonbury, CT 06033
860-286-8900

Well ID: MW-1

Date: 7/23/15

PROJECT INFORMATION

Project Name: Daniel's Mill Location: Vernon, CT File No. 05.0045441.03

Eng. Staff: BAG PM.: JTH Drilling Contractor: ADT Driller: Lavelle Tatum

INITIAL WATER LEVEL OBSERVATIONS

Measurement Date: 7/23/15 Measurement Time: 1310

Point of Measurement: **PVC Riser** Steel Casing Ground

Total Well Depth (feet): 31.7

Depth to Water (feet): 19.85

Standing Water in Well (feet) 11.85

1 " Well: (Ft of H_20) x (0.004 gal/ft) x 3 to 5 vols.

1½ " Well: (Ft of H_20) x (0.091 gal/ft) x 3 to 5 vols.

2" Well: (Ft of H_20) x (0.163 gal/ft) x 3 to **5 vols.** 10

Actual Volumes Purged (gallons): 20

INFORMATION:

	1	2	3	4	5	6
Time:	1315	1340	1405	1430	1455	
Gallons Purged:	0	5	5	5	5	
Discharge Rate (gals/min):	.2	.2	.2	.2	.2	
Drawdown (ft):	-	0.77	0.77	0.77	0.77	
Turbidity (ntu):	-	235	109	37.4	32.8	
pH (su):	-	6.48	6.32	6.20	6.13	
Spec. Cond. (µS/Salinity)	-	2124/1.09	2128/1.10	2101/1.08	2149/1.11	
Temp (°C:	-	15.15	15.65	14.28	13.40	
DO (mg/L):	-	6.06	6.77	8.02	6.46	
ORP	-	60.1	60.3	112.4	113.3	

	1	2	3	4	5	6
RECHARGE DATA:						
Depth to Water (ft):	19.85	20.62	20.62	20.62	20.62	
Elapsed Time (min):	-	25	50	75	100	

OBSERVATIONS:

Color: Black Brown Red Brown Yellow Other: Brown - Clean

WELL CONDITION:

Steel Casing: **Good** / Poor / Needs Repair **Riser:** **Good** / Poor / Needs Repair **Cement Collar:** **Good** / Poor / Needs Repair

Notes:

PHOENIX
Environmental Laboratories, Inc.

Friday, July 31, 2015

Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Project ID: DANIELS MILL 05.0045441.08
Sample ID#s: BJ63605 - BJ63607

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

July 31, 2015

SDG I.D.: GBJ63605

Volatile 8260 analysis:
The reporting level for Acrylonitrile is above the GWP criteria.
1,2-Dibromoethane does not meet GWP criteria, this compound is analyzed by GC/ECD to achieve this criteria.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 31, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/27/15	10:30
Location Code:	GZACTENG	Received by:	LK	07/27/15	13:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ63605
Phoenix ID: BJ63605

Project ID: DANIELS MILL 05.0045441.08
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	1	07/29/15	LK	SW6010C
Arsenic	< 0.004	0.004	mg/L	1	07/29/15	LK	SW6010C
Barium	0.240	0.002	mg/L	1	07/29/15	LK	SW6010C
Cadmium	< 0.001	0.001	mg/L	1	07/29/15	LK	SW6010C
Chromium	0.001	0.001	mg/L	1	07/29/15	LK	SW6010C
Copper	< 0.005	0.005	mg/L	1	07/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	mg/L	1	07/28/15	RS	SW7470A
Lead	< 0.002	0.002	mg/L	1	07/29/15	LK	SW6010C
Selenium	< 0.010	0.010	mg/L	1	07/29/15	LK	SW6010C
Mercury Digestion	Completed				07/28/15	I/I	SW7470A
Extraction for Pest (2 Liter)	Completed				07/27/15	T	SW3510C
Semi-Volatile Extraction	Completed				07/27/15	E/D	SW3520C
Total Metals Digestion	Completed				07/25/15	AG	SW3050B
Pesticides							
4,4' -DDD	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
4,4' -DDE	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
4,4' -DDT	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
a-BHC	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Alachlor	ND	0.075	ug/L	1	07/29/15	KCA	SW8081B
Aldrin	ND	0.002	ug/L	1	07/29/15	KCA	SW8081B
b-BHC	ND	0.005	ug/L	1	07/29/15	KCA	SW8081B
Chlordane	ND	0.30	ug/L	1	07/29/15	KCA	SW8081B
d-BHC	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Dieldrin	0.002	0.002	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan I	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan II	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan Sulfate	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endrin	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endrin Aldehyde	ND	0.15	ug/L	1	07/29/15	KCA	SW8081B
Endrin ketone	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
g-BHC (Lindane)	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Heptachlor	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Heptachlor epoxide	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Methoxychlor	ND	0.10	ug/L	1	07/29/15	KCA	SW8081B
Toxaphene	ND	1.0	ug/L	1	07/29/15	KCA	SW8081B
QA/QC Surrogates							
%DCBP (Surrogate Rec)	122		%	1	07/29/15	KCA	30 - 150 %
%TCMX (Surrogate Rec)	138		%	1	07/29/15	KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/30/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	07/30/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
Acetone	ND	25	ug/L	1	07/30/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	07/30/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	07/30/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/30/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	07/30/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	07/30/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/30/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/30/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/30/15	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	07/30/15	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/30/15	MH	70 - 130 %
% Bromofluorobenzene	98		%	1	07/30/15	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	07/30/15	MH	70 - 130 %
% Toluene-d8	98		%	1	07/30/15	MH	70 - 130 %
Client MS/MSD	Completed				07/30/15		
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)

Project ID: DANIELS MILL 05.0045441.08
Client ID: MW-1
Phoenix I.D.: BJ63605

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	07/28/15	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	07/28/15	DD	SW8270D (SIM)
Pyrene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	70		%	1	07/28/15	DD	30 - 130 %
% Nitrobenzene-d5	81		%	1	07/28/15	DD	30 - 130 %
% Terphenyl-d14	86		%	1	07/28/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
July 31, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 31, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/27/15	12:00
Location Code:	GZACTENG	Received by:	LK	07/27/15	13:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ63605
Phoenix ID: BJ63606

Project ID: DANIELS MILL 05.0045441.08
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	1	07/29/15	LK	SW6010C
Arsenic	0.005	0.004	mg/L	1	07/29/15	LK	SW6010C
Barium	0.125	0.002	mg/L	1	07/29/15	LK	SW6010C
Cadmium	< 0.001	0.001	mg/L	1	07/29/15	LK	SW6010C
Chromium	0.007	0.001	mg/L	1	07/29/15	LK	SW6010C
Copper	0.075	0.005	mg/L	1	07/29/15	LK	SW6010C
Mercury	< 0.0002	0.0002	mg/L	1	07/28/15	RS	SW7470A
Lead	0.078	0.002	mg/L	1	07/29/15	LK	SW6010C
Selenium	< 0.010	0.010	mg/L	1	07/29/15	LK	SW6010C
Mercury Digestion	Completed				07/28/15	I/I	SW7470A
Extraction for Pest (2 Liter)	Completed				07/27/15	T	SW3510C
Semi-Volatile Extraction	Completed				07/27/15	E/D	SW3520C
Total Metals Digestion	Completed				07/25/15	AG	SW3050B
Pesticides							
4,4' -DDD	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
4,4' -DDE	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
4,4' -DDT	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
a-BHC	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Alachlor	ND	0.075	ug/L	1	07/29/15	KCA	SW8081B
Aldrin	ND	0.002	ug/L	1	07/29/15	KCA	SW8081B
b-BHC	ND	0.005	ug/L	1	07/29/15	KCA	SW8081B
Chlordane	ND	0.30	ug/L	1	07/29/15	KCA	SW8081B
d-BHC	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Dieldrin	0.003	0.002	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan I	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan II	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endosulfan Sulfate	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endrin	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endrin Aldehyde	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
Endrin ketone	ND	0.050	ug/L	1	07/29/15	KCA	SW8081B
g-BHC (Lindane)	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Heptachlor	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Heptachlor epoxide	ND	0.025	ug/L	1	07/29/15	KCA	SW8081B
Methoxychlor	ND	0.10	ug/L	1	07/29/15	KCA	SW8081B
Toxaphene	ND	1.0	ug/L	1	07/29/15	KCA	SW8081B
QA/QC Surrogates							
%DCBP (Surrogate Rec)	58		%	1	07/29/15	KCA	30 - 150 %
%TCMX (Surrogate Rec)	89		%	1	07/29/15	KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Acetone	ND	25	ug/L	1	07/28/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	07/28/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C

Project ID: DANIELS MILL 05.0045441.08
Client ID: MW-2

Phoenix I.D.: BJ63606

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
cis-1,2-Dichloroethene	5.6	1.0	ug/L	1	07/28/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Tetrachloroethene	2.5	1.0	ug/L	1	07/28/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/28/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/28/15	MH	70 - 130 %
% Bromofluorobenzene	99		%	1	07/28/15	MH	70 - 130 %
% Dibromofluoromethane	96		%	1	07/28/15	MH	70 - 130 %
% Toluene-d8	99		%	1	07/28/15	MH	70 - 130 %
Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Acenaphthene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Anthracene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.06	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.05	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.07	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.03	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)

Project ID: DANIELS MILL 05.0045441.08
Client ID: MW-2

Phoenix I.D.: BJ63606

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chrysene	0.04	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.01	ug/L	1	07/28/15	DD	SW8270D (SIM)
Fluoranthene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Fluorene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	0.03	0.02	ug/L	1	07/28/15	DD	SW8270D (SIM)
Naphthalene	ND	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.07	ug/L	1	07/28/15	DD	SW8270D (SIM)
Pyrene	0.12	0.10	ug/L	1	07/28/15	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	07/28/15	DD	30 - 130 %
% Nitrobenzene-d5	101		%	1	07/28/15	DD	30 - 130 %
% Terphenyl-d14	96		%	1	07/28/15	DD	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
July 31, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 31, 2015

FOR: Attn: Mr James Hutton
GZA GeoEnvironmental, Inc.
655 Winding Brook Drive
Suite 402
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/27/15	
Location Code:	GZACTENG	Received by:	LK	07/27/15	13:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ63605
Phoenix ID: BJ63607

Project ID: DANIELS MILL 05.0045441.08
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	07/28/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	07/28/15	MH	SW8260C
Acrylonitrile	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Benzene	ND	0.70	ug/L	1	07/28/15	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	07/28/15	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Styrene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/28/15	MH	SW8260C
Toluene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/28/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/28/15	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	07/28/15	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/28/15	MH	70 - 130 %
% Bromofluorobenzene	99		%	1	07/28/15	MH	70 - 130 %
% Dibromofluoromethane	100		%	1	07/28/15	MH	70 - 130 %

Project ID: DANIELS MILL 05.0045441.08 Phoenix I.D.: BJ63607
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100		%	1	07/28/15	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED.

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Phyllis Shiller, Laboratory Director
July 31, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 31, 2015

QA/QC Data

SDG I.D.: GBJ63605

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 315116 (mg/L), QC Sample No: BJ63605 (BJ63605, BJ63606)													
ICP Metals - Aqueous													
Arsenic	BRL	0.004	<0.004	<0.004	NC	101	98.4	2.6	101	103	2.0	75 - 125	20
Barium	BRL	0.002	0.240	0.235	2.10	105	102	2.9	100	103	3.0	75 - 125	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	103	101	2.0	96.4	97.1	0.7	75 - 125	20
Chromium	BRL	0.001	0.001	0.001	NC	101	97.7	3.3	95.0	96.9	2.0	75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	102	98.5	3.5	101	103	2.0	75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	101	98.8	2.2	95.5	97.7	2.3	75 - 125	20
Selenium	BRL	0.010	<0.010	<0.010	NC	102	99.0	3.0	101	102	1.0	75 - 125	20
Silver	BRL	0.001	<0.001	<0.001	NC	98.4	95.4	3.1	97.8	99.6	1.8	75 - 125	20
QA/QC Batch 315157 (mg/L), QC Sample No: BJ63605 (BJ63605, BJ63606)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	90.3	85.2	5.8	97.6	95.3	2.4	70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 31, 2015

QA/QC Data

SDG I.D.: GBJ63605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 315184 (ug/L), QC Sample No: BJ63548 (BJ63606, BJ63607)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	114	113	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	109	109	0.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	119	114	4.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	108	107	0.9				70 - 130	30
1,1-Dichloroethane	ND	1.0	110	109	0.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	106	107	0.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	107	105	1.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	129	131	1.5				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	115	112	2.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	125	124	0.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	112	109	2.7				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	118	117	0.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	109	110	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	113	111	1.8				70 - 130	30
1,2-Dichloroethane	ND	1.0	110	108	1.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	110	111	0.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	116	112	3.5				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	115	112	2.6				70 - 130	30
1,3-Dichloropropane	ND	1.0	110	109	0.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	111	109	1.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	104	102	1.9				70 - 130	30
2-Chlorotoluene	ND	1.0	113	113	0.0				70 - 130	30
2-Hexanone	ND	5.0	106	107	0.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	115	113	1.8				70 - 130	30
4-Chlorotoluene	ND	1.0	114	110	3.6				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	107	103	3.8				70 - 130	30
Acetone	ND	5.0	106	103	2.9				70 - 130	30
Acrylonitrile	ND	5.0	107	108	0.9				70 - 130	30
Benzene	ND	0.70	111	111	0.0				70 - 130	30
Bromobenzene	ND	1.0	115	111	3.5				70 - 130	30
Bromochloromethane	ND	1.0	111	111	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	119	118	0.8				70 - 130	30
Bromoform	ND	1.0	117	116	0.9				70 - 130	30
Bromomethane	ND	1.0	129	129	0.0				70 - 130	30
Carbon Disulfide	ND	1.0	116	115	0.9				70 - 130	30
Carbon tetrachloride	ND	1.0	110	109	0.9				70 - 130	30
Chlorobenzene	ND	1.0	111	109	1.8				70 - 130	30
Chloroethane	ND	1.0	104	106	1.9				70 - 130	30
Chloroform	ND	1.0	111	112	0.9				70 - 130	30
Chloromethane	ND	1.0	108	110	1.8				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	114	113	0.9				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.40	116	114	1.7				70 - 130	30
Dibromochloromethane	ND	0.50	119	120	0.8				70 - 130	30
Dibromomethane	ND	1.0	110	109	0.9				70 - 130	30
Dichlorodifluoromethane	ND	1.0	99	99	0.0				70 - 130	30
Ethylbenzene	ND	1.0	113	112	0.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	116	115	0.9				70 - 130	30
Isopropylbenzene	ND	1.0	112	111	0.9				70 - 130	30
m&p-Xylene	ND	1.0	112	112	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	100	100	0.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	115	114	0.9				70 - 130	30
Methylene chloride	ND	1.0	100	99	1.0				70 - 130	30
Naphthalene	ND	1.0	132	134	1.5				70 - 130	30
n-Butylbenzene	ND	1.0	113	109	3.6				70 - 130	30
n-Propylbenzene	ND	1.0	108	105	2.8				70 - 130	30
o-Xylene	ND	1.0	111	111	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	113	111	1.8				70 - 130	30
sec-Butylbenzene	ND	1.0	115	112	2.6				70 - 130	30
Styrene	ND	1.0	111	111	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	113	110	2.7				70 - 130	30
Tetrachloroethene	ND	1.0	109	109	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	105	107	1.9				70 - 130	30
Toluene	ND	1.0	110	110	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	115	115	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	118	116	1.7				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	119	115	3.4				70 - 130	30
Trichloroethene	ND	1.0	112	110	1.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	96	96	0.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	98	97	1.0				70 - 130	30
Vinyl chloride	ND	1.0	104	104	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	101	1.0				70 - 130	30
% Bromofluorobenzene	98	%	97	100	3.0				70 - 130	30
% Dibromofluoromethane	100	%	100	102	2.0				70 - 130	30
% Toluene-d8	99	%	100	100	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 315120 (ug/L), QC Sample No: BJ63605 (BJ63605, BJ63606)

Pesticides - Ground Water

4,4'-DDD	ND	0.003	103	95	8.1	99	108	8.7	40 - 140	20
4,4'-DDE	ND	0.003	88	56	44.4	88	95	7.7	40 - 140	20
4,4'-DDT	ND	0.003	106	98	7.8	100	101	1.0	40 - 140	20
a-BHC	ND	0.005	93	90	3.3	87	96	9.8	40 - 140	20
a-Chlordane	ND	0.005	94	96	2.1	93	96	3.2	40 - 140	20
Alachlor	ND	0.005	NA	NA	NC	NA	NA	NC	40 - 140	20
Aldrin	ND	0.002	65	75	14.3	71	87	20.3	40 - 140	20
b-BHC	ND	0.005	99	94	5.2	97	105	7.9	40 - 140	20
Chlordane	ND	0.050	91	121	28.3	90	106	16.3	40 - 140	20
d-BHC	ND	0.005	77	74	4.0	77	81	5.1	40 - 140	20
Dieldrin	ND	0.002	94	82	13.6	95	99	4.1	40 - 140	20
Endosulfan I	ND	0.005	94	69	30.7	102	99	3.0	40 - 140	20
Endosulfan II	ND	0.005	97	93	4.2	97	101	4.0	40 - 140	20
Endosulfan sulfate	ND	0.005	99	89	10.6	99	94	5.2	40 - 140	20

QA/QC Data

SDG I.D.: GBJ63605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endrin	ND	0.005	97	91	6.4	91	104	13.3	40 - 140	20	
Endrin aldehyde	ND	0.005	107	98	8.8	104	114	9.2	40 - 140	20	
Endrin ketone	ND	0.005	103	106	2.9	104	106	1.9	40 - 140	20	
g-BHC	ND	0.002	92	86	6.7	89	94	5.5	40 - 140	20	
g-Chlordane	ND	0.005	91	121	28.3	90	106	16.3	40 - 140	20	r
Heptachlor	ND	0.005	85	88	3.5	86	98	13.0	40 - 140	20	
Heptachlor epoxide	ND	0.005	95	90	5.4	93	98	5.2	40 - 140	20	
Methoxychlor	ND	0.005	101	94	7.2	105	106	0.9	40 - 140	20	
Toxaphene	ND	0.20	NA	NA	NC	NA	NA	NC	40 - 140	20	
% DCBP	82	%	81	83	2.4	83	95	13.5	30 - 150	20	
% TCMX	77	%	87	91	4.5	87	102	15.9	30 - 150	20	
QA/QC Batch 315605 (ug/L), QC Sample No: BJ63605 (BJ63605)											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	98	94	4.2	95	100	5.1	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	96	91	5.3	89	106	6.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	99	98	1.0	95	100	5.1	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	93	91	2.2	89	96	7.6	70 - 130	30	
1,1-Dichloroethane	ND	1.0	93	90	3.3	96	102	6.1	70 - 130	30	
1,1-Dichloroethene	ND	1.0	98	93	5.2	105	111	5.6	70 - 130	30	
1,1-Dichloropropene	ND	1.0	95	90	5.4	99	106	6.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	97	95	2.1	90	97	7.5	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	96	93	3.2	94	96	2.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	101	95	6.1	93	100	7.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	96	91	5.3	96	98	2.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	100	95	5.1	91	97	6.4	70 - 130	30	
1,2-Dibromoethane	ND	1.0	96	92	4.3	93	97	4.2	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	97	93	4.2	94	97	3.1	70 - 130	30	
1,2-Dichloroethane	ND	1.0	92	90	2.2	90	97	7.5	70 - 130	30	
1,2-Dichloropropane	ND	1.0	95	92	3.2	94	99	5.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	99	94	5.2	101	105	3.9	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	96	92	4.3	94	100	6.2	70 - 130	30	
1,3-Dichloropropane	ND	1.0	93	93	0.0	93	97	4.2	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	96	91	5.3	91	97	6.4	70 - 130	30	
2,2-Dichloropropane	ND	1.0	89	84	5.8	72	75	4.1	70 - 130	30	
2-Chlorotoluene	ND	1.0	96	93	3.2	98	102	4.0	70 - 130	30	
2-Hexanone	ND	5.0	83	81	2.4	82	89	8.2	70 - 130	30	
2-Isopropyltoluene	ND	1.0	102	96	6.1	102	106	3.8	70 - 130	30	
4-Chlorotoluene	ND	1.0	96	89	7.6	95	99	4.1	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	87	86	1.2	84	91	8.0	70 - 130	30	
Acetone	ND	5.0	83	86	3.6	80	84	4.9	70 - 130	30	
Acrylonitrile	ND	5.0	91	91	0.0	89	93	4.4	70 - 130	30	
Benzene	ND	0.70	97	93	4.2	98	104	5.9	70 - 130	30	
Bromobenzene	ND	1.0	97	95	2.1	96	99	3.1	70 - 130	30	
Bromochloromethane	ND	1.0	97	94	3.1	95	100	5.1	70 - 130	30	
Bromodichloromethane	ND	0.50	99	96	3.1	97	103	6.0	70 - 130	30	
Bromoform	ND	1.0	99	96	3.1	87	93	6.7	70 - 130	30	
Bromomethane	ND	1.0	115	111	3.5	57	90	44.9	70 - 130	30	m,r
Carbon Disulfide	ND	1.0	108	103	4.7	109	118	7.9	70 - 130	30	
Carbon tetrachloride	ND	1.0	95	90	5.4	101	106	4.8	70 - 130	30	
Chlorobenzene	ND	1.0	96	91	5.3	94	100	6.2	70 - 130	30	
Chloroethane	ND	1.0	98	94	4.2	102	109	6.6	70 - 130	30	
Chloroform	ND	1.0	95	91	4.3	96	103	7.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBJ63605

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	1.0	105	101	3.9	102	109	6.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	97	93	4.2	98	103	5.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	98	94	4.2	90	98	8.5	70 - 130	30	
Dibromochloromethane	ND	0.50	102	98	4.0	95	101	6.1	70 - 130	30	
Dibromomethane	ND	1.0	95	92	3.2	91	97	6.4	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	105	99	5.9	113	118	4.3	70 - 130	30	
Ethylbenzene	ND	1.0	98	93	5.2	99	103	4.0	70 - 130	30	
Hexachlorobutadiene	ND	0.40	97	91	6.4	97	98	1.0	70 - 130	30	
Isopropylbenzene	ND	1.0	96	92	4.3	98	103	5.0	70 - 130	30	
m&p-Xylene	ND	1.0	96	93	3.2	99	102	3.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	78	82	5.0	76	87	13.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	97	94	3.1	92	98	6.3	70 - 130	30	
Methylene chloride	ND	1.0	94	90	4.3	93	98	5.2	70 - 130	30	
Naphthalene	ND	1.0	102	98	4.0	94	103	9.1	70 - 130	30	
n-Butylbenzene	ND	1.0	95	89	6.5	95	100	5.1	70 - 130	30	
n-Propylbenzene	ND	1.0	93	87	6.7	95	98	3.1	70 - 130	30	
o-Xylene	ND	1.0	98	93	5.2	98	103	5.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	94	93	1.1	98	104	5.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	99	95	4.1	103	105	1.9	70 - 130	30	
Styrene	ND	1.0	96	93	3.2	96	100	4.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	98	93	5.2	100	103	3.0	70 - 130	30	
Tetrachloroethene	ND	1.0	96	91	5.3	97	104	7.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	89	89	0.0	87	90	3.4	70 - 130	30	
Toluene	ND	1.0	96	91	5.3	97	103	6.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	100	96	4.1	102	109	6.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	98	96	2.1	91	97	6.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	102	100	2.0	67	73	8.6	70 - 130	30	m
Trichloroethene	ND	1.0	97	92	5.3	99	104	4.9	70 - 130	30	
Trichlorofluoromethane	ND	1.0	90	85	5.7	97	102	5.0	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	95	90	5.4	99	105	5.9	70 - 130	30	
Vinyl chloride	ND	1.0	98	93	5.2	103	107	3.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	100	100	0.0	103	99	4.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	99	0.0	101	99	2.0	70 - 130	30	
% Dibromofluoromethane	94	%	98	100	2.0	98	99	1.0	70 - 130	30	
% Toluene-d8	100	%	100	100	0.0	101	101	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller

Phyllis Shiller, Laboratory Director
July 31, 2015

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL 05.0045441.08 **Project Number:**

Laboratory Sample ID(s): BJ63605, BJ63606, BJ63607

Sampling Date(s): 7/27/2015

RCP Methods Used:

☐ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☑ 7470/7471 ☑ 8081 ☐ EPH ☐ TO15

☐ 8082 ☐ 8151 ☑ 8260 ☑ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria failing outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes	☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes	☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes	☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes	☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes	☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Sections: PEST Narration, VOA Narration.	☐ Yes	☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes	☐ No
5b.	Were these reporting limits met?	☐ Yes	☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes	☑ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes	☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee Date: Friday, July 31, 2015

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

Friday, July 31, 2015 — Page 1 of 1

Criteria: CT: GWP, SWP

State: CT

Sample Criteria Exceedences Report
GBJ63605 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ63605	$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	5.0	0.5	0.5	ug/L
BJ63605	$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	1.0	0.05	0.05	ug/L
BJ63606	$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	5.0	0.5	0.5	ug/L
BJ63606	$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	1.0	0.05	0.05	ug/L
BJ63606	$PEST_GWR	Dieldrin	CT / PESTICIDES, PCB's, TPH, a / GWPC (ug/L)	0.003	0.002	0.002	0.002	ug/L
BJ63606	AS-WM	Arsenic	CT / INORGANIC SUBSTANCES / SWPC (ug/L)	0.005	0.004	0.004	0.004	mg/L
BJ63606	CU-WM	Copper	CT / INORGANIC SUBSTANCES / SWPC (ug/L)	0.075	0.005	0.048	0.048	mg/L
BJ63606	PB-WM	Lead	CT / INORGANIC SUBSTANCES / SWPC (ug/L)	0.078	0.002	0.015	0.015	mg/L
BJ63606	PB-WM	Lead	CT / INORGANIC SUBSTANCES / SWPC (ug/L)	0.078	0.002	0.013	0.013	mg/L
BJ63607	$8260GWR	Acrylonitrile	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	5.0	0.5	0.5	ug/L
BJ63607	$8260GWR	1,2-Dibromoethane	CT / VOLATILE ORGANIC COMPOUND / GWPC (ug/L)	ND	1.0	0.05	0.05	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 31, 2015

SDG I.D.: GBJ63605

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody.

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

Mercury Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Merlin 07/28/15-1 (BJ63605, BJ63606)

The method preparation blank contains all of the acids and reagents as the samples; the instrument blanks do not.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.

Printed Name Rick Schweitzer
Position: Chemist
Date: 7/28/2015

QC (Site Specific)

---------- Sample No: BJ63605, QA/QC Batch: 315157 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Blue 07/28/15-1 (BJ63605, BJ63606)

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July 31, 2015

SDG I.D.: GBJ63605

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/28/2015

Instrument: Blue 07/29/15-1 (BJ63605, BJ63606)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 7/29/2015

QC (Site Specific)

---------- Sample No: BJ63605, QA/QC Batch: 315116 ----------

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 315120 (Samples: BJ63605, BJ63606): ----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s) so no variability is suspected. (4,4'' -DDE, Chlordane, Endosulfan I, g-Chlordane)

Instrument: Au-ecd13 07/29/15-1 (BJ63605, BJ63606)

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RCP Certification Report

July 31, 2015

SDG I.D.: GBJ63605

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS727A1) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS727B1) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds:
Samples: BJ63605, BJ63606
Preceding CC 729A046 - 4,4'-DDT (16%L), Endosulfan sulfate (16%L)
Succeeding CC 729A058 - % DCBP (25%L), 4,4'-DDT (31%L), Dieldrin (21%L), Endosulfan I (18%L), Endosulfan II (26%L), Endosulfan sulfate (29%L), Endrin (20%L), Endrin aldehyde (16%L), Endrin Ketone (28%L), g-BHC (16%L), g-Chlordane (19%L)
A low "1A" standard was run to demonstrate capability to detect these compounds at the indicated RL. All reported samples were ND for these compounds.

Printed Name Keith Aloisa
Position: Chemist
Date: 7/29/2015

Instrument: Au-ecd35 07/28/15-1 (BJ63605, BJ63606)

8081 Narration:
Endrin and DDT breakdown was evaluated and does not exceed 15%.

The initial calibration (PS713A1) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PS713B1) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

Printed Name Carol Eddy
Position: Chemist
Date: 7/28/2015

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

July 31, 2015

SDG I.D.: GBJ63605

QC (Site Specific)

---------- Sample No: BJ63605, QA/QC Batch: 315120 ---------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: 4,4'-DDE(44.4%), Chlordane(28.3%), Endosulfan I(30.7%), g-Chlordane(28.3%)

All MS recoveries were within 30 - 150 with the following exceptions: None.

All MSD recoveries were within 30 - 150 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

SVOASIM Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem04 07/28/15-1 (BJ63605, BJ63606)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

In the event that lower detection levels were requested, the samples may have been analyzed by selective ion monitoring (SIM) mode.

If PAH/base neutral were requested, Phoenix utilized a method that contained a shortened list , so some of the compounds in the narrative may be non-applicable.

Initial Calibration Verification (CHEM04/SIM_0617):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM04/0728_05-SIM_0617):
98% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration. The following compounds did not meet % deviation criteria: 2-nitrophenol (31%H)[30%]
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: 2-chlorophenol (.737)[0.8], 2-nitrophenol (.046)[0.1], Bis(2-chloroethyl)ether (.584)[0.7]
The following compounds did not meet minimum response factors: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 7/28/2015

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RCP Certification Report

July 31, 2015

SDG I.D.: GBJ63605

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 315184 (Samples: BJ63605, BJ63606, BJ63607): ----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (1,2,3-Trichlorobenzene, Naphthalene)

QC Batch 315605 (Sample: BJ63605) ----

The MS and/or MSD recovery is below the method criteria. A low bias is possible. (Bromomethane, trans-1,4-Dichloro-2-butene)

The MS/MSD RPD exceeds the method criteria for one or more analytes that were not reported in the sample, therefore no sample variability is suspected. (Bromomethane)

Instrument: Chem17 07/27/15-1 (BJ63605, BJ63606, BJ63607)

Initial Calibration Verification (CHEM17/VT-S0727):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM17/0727S16-VT-S0727):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: Bromoform (.088)[SPCC: 0.1]

Printed Name Michael Hahn
Position: Chemist
Date: 7/27/2015

Instrument: Chem17 07/30/15-2 (BJ63605)

Initial Calibration Verification (CHEM17/VT-S0730):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: Bromoform (23%)
The following compounds did not meet a minimum response factor of 0.01: None.

Continuing Calibration Verification (CHEM17/0730S22-VT-S0730):
100% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the continuing calibration. The following

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compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

Printed Name Michael Hahn
Position: Chemist
Date: 7/30/2015

QC Comments: QC Batch 315184 07/27/15 (BJ63605, BJ63606, BJ63607)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

---------- Sample No: BJ63605, QA/QC Batch: 315605 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All LCSD recoveries were within 70 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 70 - 130 with the following exceptions: Bromomethane(57%), trans-1,4-dichloro-2-butene(67%)

All MSD recoveries were within 70 - 130 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: Bromomethane(44.9%)

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BJ63548, QA/QC Batch: 315184 ----------

All LCS recoveries were within 70 - 130 with the following exceptions: Naphthalene(132%)

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(131%), Naphthalene(134%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

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RCP Certification Report

July 31, 2015

SDG I.D.: GBJ63605

NELAC — Accredited in accordance with — NY # 11301

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Cooler: Yes ☑ No ☐ Coolant: IPK ☐ ICE ☑ No ☐
Temp (°C Pg 1 of 1

Contact Options:
☐ Fax:
☑ Phone: 860 236 8700
☒ Email: james.hutton@gza.com

Customer: GZA
Address: 655 Winding Brook Drive, Glastonbury CT 06033
Project: Daniels Mill / 05.0045441.01
Report to: Jim Hutton
Invoice to: GZA
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature: [signature] Date: 7/27/15

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request: VOCs 8260, PAH 8270-SIM, RCRA 8 Cu*, Pesticides 8081, ms/msd

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	PAH 8270 SIM	RCRA 8 Cu*	Pesticides 8081	ms/msd	40 ml VOA Vial	GL Amber 1000ml	PL As is 250ml
63605	MW-1	GW	7/27/15	1030	X	X	X	X	X	9	9	3
63606	MW-2	GW	↓	1200	X	X	X	X		3	3	1
63607	Trip Blank	Lab H2O	↓	—	X					2		

Bottle columns: Soil VOA Vials | GL Soil container (methanol) | H2O | GL Soil container 1oz | GL Soil container 1oz | 40 ml VOA Vial | As is | HCl | GL Amber 1000ml | As is | H2SO4 | 1000ml | PL As is 250ml | 500ml | 1500ml | PL H2SO4 250ml | PL HNO3 250ml | PL NaOH 250ml | Bacteria Bottle

Relinquished by	Accepted by	Date	Time
Ben Graham	[signature]	7/27/15	13:26

Comments, Special Requirements or Regulations:
* Copper per Anthony @ GZA (initials)

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other
* SURCHARGE APPLIES

RI: ☐ Direct Exposure (Residential) ☐ GW ☐ Other

CT: ☒ RCP Cert ☒ GW Protection ☒ SW Protection ☐ GA Mobility ☐ GB Mobility ☐ Residential DEC ☐ I/C DEC ☐ Other

MA: ☐ MCP Certification ☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ MWRA eSMART ☐ Other

Data Format: ☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other
Data Package: ☐ Tier II Checklist ☐ Full Data Package* ☐ Phoenix Std Report ☐ Other
* SURCHARGE APPLIES

State where samples were collected: CT

APPENDIX F
LABORATORY ANALYTICAL QUALITY ASSESSMENT SUMMARY TABLES

Appendix E
DATA QUALITY ASSESSMENT AND USABILITY EVALUATION

Lab/Lab Report ID:	Phoenix GBJ63605	Phoenix GBJ63606	Phoenix GBJ59683	Phoenix GBJ6116	Phoenix GBJ47079
Report Date:	**7/31/2015**	**7/29/2015**	**8/6/2015**	**8/6/2015**	**7/23/2015**
Data Package Inspection	RCP Data Package	RCP Data Package	RCP Data Package	RCP Data Package	RCP Data Package
Chain of Custody Evaluation	2 Groundwater samples and a trip blank for VOCs, PAH, RCRA8 metals, copper, pesticides	2 Soil samples and 2 trip blanks for VOCs, PAH, RCRA 8 metals, copper, PCBs, ETPH	4 Soil samples and 2 trip blanks for VOCs, PAH, RCRA 8 metals, copper, PCBs, ETPH	9 Soil samples and 2 trip blanks for VOCs, PAH, RCRA 8 metals, copper, SPLP metals, PCBs, ETPH, alcohols.	3 Soil vapor samples and one inside ambient air sample for VOCs
Preservation and Holding Time	Preserved appropriately. Analyzed within hold time.	Preserved appropriately. Analyzed within hold time.	Samples were received a short time after sampling and had not yet cooled to 6°C.	Sample B-11(0.5-2) was collected July 21 and analyzed for VOCs past holding time on August 5th (15 days). Holding time is 48 hrs unpreserved, 14 days preserved.	Preserved appropriately. Analyzed within hold time.
Site-specific MS/MSD	MW-1: Recoveries low for bromomethane, trans-1,4-dichloro-2-butene.RPD out for bromomethane.	None	B-1 (0.5-2): RPD exceeded for PCB-1016, PCB-1260. PCB Surrogate recoveries were also out. VOCs chloroethane, trichlorofluoromethane recoveries were low.	Various samples were selected by the lab for MS/MSD: elevated recovery for isobutyl alcohol, methanol. Low recoveries for acetone, bromomethane, chloroethane, trichlorofluoromethane. High recovery for vinyl chloride.	None
Duplicate Samples	None	None	None	None	None
Surrogates	Within acceptance limits	Surrogates and internal standards were out. Sample was reanalyzed to confirm. Matrix interference suspected. See conclusion.	Within acceptance limits	Alcohol surrogate was above acceptance limits in the QC samples.	Within acceptance limits
LCS/LCSD	High recoveries for VOCs 1,2,3-trichlorobenzene, naphthalene. High recoveries for 4 pesticides. None were detected in samples, therefore no effect on data.	High recovery for VOC bromomethane, not detected in sample.	Low recovery for VOC acetone. Low bias possible.	Low recovery for VOC acetone. Low bias possible.	High recovery for 1,2,4-trichlorobenzene, not detected in samples.
Method Blanks	No detects	No detects	No detects	No detects	No detects
Lab Contaminants	None	None	None	None	None
Calibration/Etc.	Minor issues noted for bromoform.	Minor issues noted for acetone, acrolein, 1,2,4-trichlorobenzene	Minor issues noted for acetone, acrolein, 1,2-dibromo-3-chloropropane, 2-hexanone, trans-1,4-dichloro-2-butene	Minor issues noted for acetone, acrolein, 2-dichloropropane, chloroethane, methylene chloride, methacrylate	No issues noted.
RL Evaluation: Criteria/RL	RLs for VOCs acrylonitrile and 1,2-dibromoethane do not meet GWPC.	No issues noted.	No issues noted.	No issues noted.	No issues noted.
Other QC Data	No VOCs were detected in the trip blank.	Matrix interference was noted for sample B-7 3-5. No VOCs were detected in the trip blanks.	PCB levels in sample B-2 0.5-2 interfered with pesticide analysis and resulted in elevated RLs.No VOCs were detected in the trip blanks.	No VOCs were detected in the trip blanks.	None
Conclusion:	Data is usable as reported.	VOCs: Matrix interference, results are combined from low level and high level runs. Note some RLs are elevated, 270 instead of 4.9 ug/kg.	Possible low bias for acetone.	Possible low bias for acetone. Sample B-11(0.5-2) was analyzed past holding time, results may be biased low. Xylenes and ethylbenzene were detected. This data is usable for its purpose of determining presence or absence of VOCs to guide future investigations.	Data is usable as reported.

APPENDIX G

RESULTS OF DEXSIL FIELD SCREENING FOR PCBs

MEMORANDUM

TO: FILE

FROM: ANTHONY TRANI

DATE: AUGUST 17, 2015

FILE NO.: 45441.03

RE: DEXSIL FIELD SCREENING

On July 23, 2015, GZA field scientist Anthony Trani collected seven concrete samples from the basement of Daniel's Mill to field screen for potential PCBs using the Dexsil Clor-N-Soil (Dexsil Kit) field screening kit. Concrete samples were collected from the eastern portion of the basement where historical paint, mastic and pesticide manufacturing/mixing operations were inferred based on Phase I Environmental Site Assessement information. The sample locations are shown on the attached Figure 1 sketch map.

The Dexsil Kit is used to assess whether PCBs maybe present at concentrations greater than 50 ppm or less than 50 ppm in soil. The Dexsil process takes advantage of a proportional relationship between chlorine concentration and PCB concentration to make a determination of relative PCB concentrations in the sample media. However, the Dexsil Kit cannot discern the type of chlorine present. As such, chlorinated solvents, pesticides, and herbicides may give a false positive readings at times when potentially interfering compounds are present. The Dexsil Kit results are for screening purposes only and results should be confirmed by laboratory analysis of samples.

The Dexsil Clor-N-Soil kit is suggested by the manufacturer for use with soils only. Using the kit in concrete is not suggested by the manufacturer due to the potential inability of the test to adequately solvate the (concrete) matrix during the Clor-N-Soil extraction process, which would likely result in low biased results. GZA contacted Dexsil on August 24, 2015 to inquire about their suggested use. A representative from Dexsil was questioned if using the kit with concrete media would cause a high or low bias. The representative indicated it would be impossible to know. The Dexsil representative indicated a change in pH due to the lime in concrete, or other chemical impurities in the concrete, could affect the results.

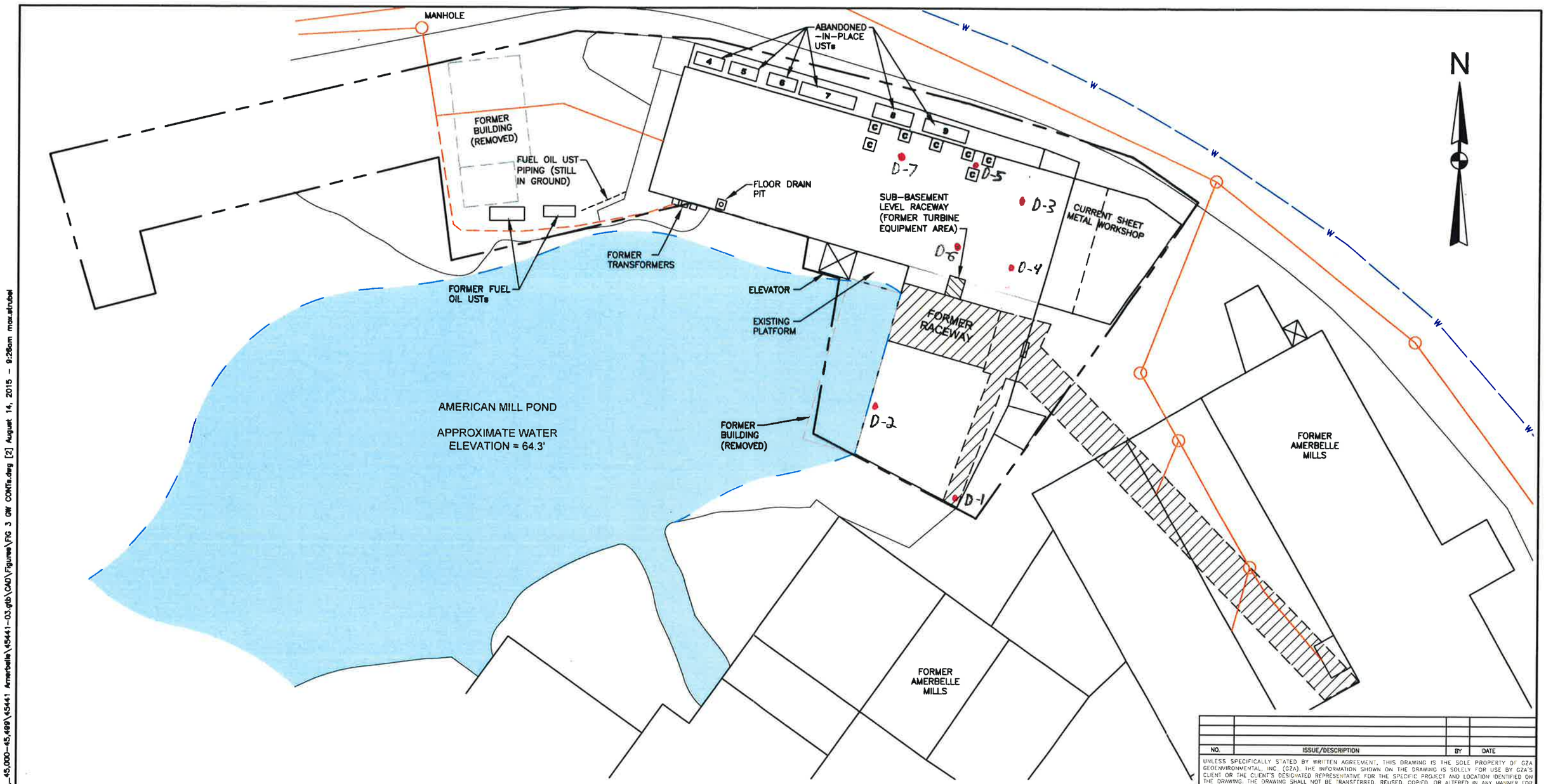
Assessment with the Dexsil Kit is made by matching the color produced in a sample solution with a color wheel. If a yellow color is observed then the results of the kit indicate that PCBs may be present at concentrations greater than 50 ppm.

Concrete samples were collected in the Site building basement by drilling up to ½-inch deep into the concrete floor at the designated sample location. Several drill holes were performed at each location and the pulverized concrete was placed into the provided sample vial until 10 grams of media was collected. Once the concrete sample was collected, the field test kit procedure was performed per the instructions and the resulting color at the end of the procedure was compared with the color wheel found in the kit. Below is a summary of the results:

Table 1: Summary of Dexsil Clor-N-Soil Field Test Kit Results

Sample ID	SOLUTION COLOR	RESULT
D-1	Brown	<50 ppm
D-2	Brown	<50 ppm
D-3	Yellow	**>50 ppm**
D-4	Yellow	**>50 ppm**
D-5	Red-Brown	<50 ppm
D-6	Yellow	**>50 ppm**
D-7	Yellow	**>50 ppm**

Based upon these results, PCBs maybe present within the basement floor at concentrations greater than 50 ppm. Since this test is for field screening purposes only, the results would need to be confirmed by laboratory testing.



• D-1 : Location of Dexsil sample

NOTES:

1. NO SURVEY OF THE PROPERTY LINES WERE AVAILABLE AT THE TIME OF THE PHASE II ASSESSMENT. PROPERTY LINES ARE APPROXIMATE AND BASED ON THE TOWN OF VERNON PARCEL MAP FROM THEIR GIS WEBSITE.

NO.	ISSUE/DESCRIPTION	BY	DATE

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98 EAST MAIN STREET
VERNON-ROCKVILLE, CONNECTICUT

SITE PLAN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:

PROJ MGR: JTH	REVIEWED BY: JTH	CHECKED BY:	FIGURE 1
DESIGNED BY: BAG	DRAWN BY: MJS	SCALE: SCALE	
DATE: 08-13-15	PROJECT NO. 05.0045441.03	REVISION NO.	SHEET No.

©2015 – GZA GeoEnvironmental, Inc. G:\ZA–J:_45,000–45,499\45441 Amerbelle\45441–03.gtb\CAD\Figures\FIG 3 GW CONTs.dwg [2] August 14, 2015 – 9:26am max.strubel