



Geotechnical  
Environmental  
Water Resources  
Ecological

## **Final Site Characterization Report**

### **Pinelawn/Farmingdale Former Hortonsphere Site**

East Farmingdale, New York  
AOC Index No. A1-0595-08-07  
Site # 152214

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## Abbreviations and Acronyms

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AOC	Administrative Order on Consent
ASTM	American Society for Testing and Materials
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CAMP	Community Air-Monitoring Plan
CBI	Chicago Bridge and Iron Works
COPC	Contaminants Of Potential Concern
DO	Dissolved Oxygen
DUSR	Data Usability Summary Report
EDR	Environmental Data Resources
ELAP	Environmental Laboratory Approved Program
EPA	United States Environmental Protection Agency
FSP	Field Sampling Plan
FWRIA	Fish and Wildlife Resource Impact Analysis
GEI	GEI Consultants, Inc.
GPS	Global Positioning System
HASP	Health and Safety Plan
ID	Inside Diameter
Industrial SCOs	Restricted Industrial Use Soil Cleanup Objectives
LEL	Lower Explosive Limit
LILCO	Long Island Lighting Company
LIPA	Long Island Power Authority
LIRR	Long Island Railroad
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-aqueous Phase Liquids
NAVD	North American Vertical Datum
NOAA	National Oceanic and Atmospheric Administration
NYCRR	New York State Code Of Rules And Regulations
NYS LS	New York State-licensed land surveyor
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYS SCGs	New York State Standards, Criteria and Guidance Values
ORP	Oxidation/Reduction Potential
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl

## Abbreviations and Acronyms (cont.)

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PCE	Tetrachloroethylene
PID	Photoionization Detector
PVC	Polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Assurance
QHHEA	Qualitative Human Health Exposure Assessment
SCO	Soil Cleanup Objectives
SC	Site Characterization
SCC	Supplemental Site Characterization
SCGs	Standards, Criteria and Guidance Values
SCOs	Soil Cleanup Objectives
SCWP	Site Characterization Work Plan
SSCWP	Supplemental Site Characterization Work Plan
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
USCS	Unified Soil Classification System
USDOT	United States Department of Transportation
VOC	Volatile Organic Compound

### MEASUREMENTS

cm/s	Centimeter Per Second
°F	Degrees Fahrenheit
ft/d	Feet Per Day
L	Liter
mg/kg	Milligram Per Kilogram

## Executive Summary

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On behalf of National Grid, GEI Consultants, Inc. (GEI) conducted a Site Characterization (SC) to evaluate environmental conditions at the Pinelawn/Farmingdale former Hortonsphere Site (Site). The objectives of the SC included evaluating the nature and extent of contamination, if any, and the potential for human and ecological exposure to chemical constituents.

The SC was executed in accordance with the Administrative Order on Consent (AOC) Index No. A1-0595-08-07 and with New York State Department of Environmental Conservation (NYSDEC)-approved SC and Supplemental SC (SSC) work plans.

The Hortonsphere was constructed in 1927, according to Long Island Lighting Company (LILCO) property information. It served solely as a gas distribution facility; no gas manufacturing occurred at the Site. The property included an above ground spherical vessel (the Hortonsphere) used to store gas and a governor house that was used to regulate the gas pressure. The Hortonsphere and governor house were dismantled in 1962. The Site is currently owned by the Long Island Power Authority (LIPA) and is vacant. The Site is located in a mixed commercial and industrial area and is zoned for industrial use. A number of facilities with petroleum, chemical storage (including solvents) and releases have been identified near the Site.

Laboratory analysis was conducted for chemicals potentially related to former Hortonsphere operations, including volatile organic compounds (VOCs) [including benzene, toluene, ethylbenzene, and xylenes (BTEX)], semi-volatile organic compounds (SVOCs) [including polycyclic aromatic hydrocarbons (PAHs)], polychlorinated biphenyls (PCBs), and metals.

Detected compound concentrations in surface and subsurface soils were compared to Title 6, Chapter 100, Part 700-705 of the New York State Code of Rules and Regulations (NYCRR), Part 375 Restricted Residential Use Soil Cleanup Objectives (Residential SCOs) and Restricted Industrial Use Soil Cleanup Objectives (Industrial SCOs). Groundwater results were compared to New York State Ambient Water Quality Standards, Guidance, and Criteria (NYS SCGs) for GA Groundwater.

Mercury was the only constituent detected above Residential SCOs in one surface soil sample. The detection was within background concentrations and well below Industrial SCOs. The sample was collected outside the former Hortonsphere footprint. The source of the mercury is not known.

No Hortonsphere-related contaminants of potential concern (COPCs) were detected in the groundwater above NYS SCGs. Iron, thallium, manganese, and sodium were detected at concentrations above NYS SCGs. These concentrations were detected in upgradient wells suggesting an off-site source, or natural local groundwater conditions. One potential off-site source was identified.

VOCs were detected in soil vapor at all sample locations including locations outside the former Hortonsphere footprint. The detected VOCs are consistent with petroleum hydrocarbons (including gasoline) and chlorinated solvents. Chlorinated compounds are not typically associated with the operation of Hortonspheres. These compounds were not detected in surface soil, subsurface soil, or groundwater samples.

A Qualitative Human Health Exposure Assessment (QHHEA) indicated potentially complete exposure pathways exist for surface soils and groundwater. A potential complete exposure pathway also exists to VOCs in soil vapor. Based upon the current property use, there is a limited potential for receptors to encounter these compounds because access is restricted.

The low level and infrequent detections of chemical constituents in surface soils did not warrant the completion of a Fish and Wildlife Resource Impact Analysis (FWRIA), according to NYSDEC's guidance, and the low-level surface soil detections pose no potential threat to the ecology.

Investigation has adequately characterized the Site. No release from the operation of the former Hortonsphere was detected.

# 1. Introduction

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On behalf of National Grid, GEI Consultants, Inc. (GEI) conducted a Site Characterization (SC) to address environmental conditions at the Pinelawn/Farmingdale Hortonsphere Site, encompassing the land on Section 50, Block 1, Parcel 1 in East Farmingdale, Suffolk County, New York (Figure 1). Figure 2 depicts the entire property; purple boundaries depict the former Hortonsphere site within the total property (yellow boundaries) owned by the Long Island Power Authority (LIPA).

The SC was performed pursuant to an Administrative Order on Consent (AOC) [Index No. A1-0595-08-07] with the New York State Department of Environmental Conservation (NYSDEC), requiring environmental assessment for this and other gas facilities including former Hortonsphere locations.

National Grid is responsible for the SC because a predecessor company, Long Island Lighting Company (LILCO), operated the Hortonsphere to store manufactured gas and natural gas for use in the surrounding community. The former gas storage at this facility had the potential to release certain waste by-products such as volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and lead that could have affected the environment.

GEI prepared a SC Work Plan (SCWP) in July 2007, which was subsequently approved by the NYSDEC in a letter dated November 16, 2007 (Appendix A). Following the review of the SC data, NYSDEC requested a supplemental investigation. GEI submitted a Supplemental Site Characterization Work Plan (SSCWP) on December 23, 2008 to the NYSDEC. The NYSDEC approved the SSCWP in a letter dated January 14, 2009. Supplemental field work was performed February through April of 2009.

GEI prepared a Site Characterization Data Summary on behalf of National Grid, integrating all data and information acquired during both SC studies. The summary was submitted to the NYSDEC on June 15, 2009. NYSDEC provided a conditional acceptance letter on October 7, 2009. The acceptance was contingent on submittal of this final SC report.

The remainder of Section 1 discusses the SC objectives and scope and current Site use, history, physical and environmental setting, and previous investigations. Section 2 discusses the SC scope of work and methods employed during the field investigation. Section 3 discusses the geology and hydrogeology underlying the property. Section 4 presents the findings of the investigation, including field observations and chemical data collected, and interprets these

findings. Section 5 presents a Qualitative Human Health Exposure Assessment (QHHEA). Section 6 presents an ecological evaluation. Section 7 presents a summary of the key findings and conclusions.

## **1.1 SC Objectives and Scope**

There were four objectives of the SC, as follows:

- Assess potential environmental impacts in soil, groundwater, storm water sediment, and/or soil vapor.
- Evaluate if the impacts were related to the historic Hortonsphere operation.
- Identify the potential for human exposure to impacts.
- Identify the potential for ecological exposure to impacts.

Contaminants of potential concern (COPC) that may be associated with the former Hortonsphere include VOCs, semi-volatile organic compounds (SVOCs), PCBs, and lead. In addition, sulfate and sulfide were included as COPCs as requested in the NYSDEC comment letter dated October 5, 2007.

The SC scope of work consisted of:

- Environmental records database search with radius map performed, historic aerial photographs and Sanborn Fire Insurance (Sanborn) maps provided by Environmental Data Resources of Milford, Connecticut (EDR).
- Search of the online NYSDEC Searchable Spills or Environmental Remediation databases.
- Multiple site visits.
- Identification and mark out of underground utilities.
- Surface soil sampling.
- Advancement of soil borings and collection of subsurface soil samples.
- Installation of monitoring wells and collection of groundwater samples.
- Installation and sampling of temporary soil vapor points.
- Survey of sample locations.
- Community air monitoring.
- Preparation of a QHHEA.
- Preparation of an ecological evaluation.

## **1.2 Site Description**

The former Pinelawn/Farmingdale Hortonsphere Site is located on a 2.3-acre property northeast of the intersection of Broad Hollow Road (Route 110) and Conklin Street (Route 24) in East Farmingdale, Suffolk County, New York. The property currently occupies Section 050, Block 1, Lot 1.1. The property is currently zoned for industrial purposes (Industrial “G”) by the Town of Babylon. The current conditions and the footprint of the former Hortonsphere Site are shown in Figure 2. Representative photographs are provided in Appendix B.

### **1.2.1 Current Ownership and Use**

LIPA owns the property. In the recent past it was used by a commercial tree service for storage of equipment and mulch, but is currently vacant. One empty, unoccupied building, a control house for the former electrical substation, is located within the footprint of the former Hortonsphere Site. The building is in poor repair and is currently used to store defunct lawn equipment. The main property entrance is southeast of the property boundary and one auxiliary entrance to the west entering onto Route 110. The property is secured by a chain-link fence and lockable gate.

### **1.2.2 Surrounding Property Use**

The property is surrounded by mixed commercial and industrial land use. The Site is bordered to the north by Long Island Railroad (LIRR) property and aggregate storage operations; to the east by abandoned manufacturing buildings and a mulching operation; to the south by a vacant lot, Conklin Street and Airport Plaza retail stores; and to the west by Broad Hollow Road and a car wash.

GEI obtained and reviewed commercially available environmental records from EDR and reviewed available records from the NYSDEC web site. Figure 3 provides a summary of the environmental records. The complete EDR report and NYSDEC searchable site database (NYSDEC, 2008) information is contained in Appendix C. The environmental records search identified multiple adjacent properties with chemical and petroleum storage. Several of these facilities have reported releases of these materials.

### **1.2.3 Site History**

GEI developed a history of the Site, current property, and surrounding area through Site reconnaissance and review of available aerial photographs, topographic maps, and other available information (Appendix C). Sanborn map coverage was not available for the Site. No records of spills or releases at the Site were encountered in the NYSDEC Searchable Spills or Environmental Remediation databases (NYSDEC, 2008).

The Pinelawn/Farmingdale Hortonsphere was constructed in 1927, according to LILCO property information. The Pinelawn/Farmingdale Hortonsphere served solely as a gas distribution facility. No gas manufacturing occurred at the Site. The property included an above ground spherical vessel (the Hortonsphere) used to store gas and a governor house that was used to regulate the gas pressure. The Site formerly occupied a small portion of the property as shown in Figure 2. A photograph of the Pinelawn/ Farmingdale Hortonsphere is located in Appendix C. The Hortonsphere and regulator house were dismantled in 1962.

GEI compiled and reviewed information regarding the distribution of gas by National Grid's predecessor, the LILCO. The historical information is presented in *Review of Long Island Gas Manufacture and Distribution (1907 to 1950)*, which was provided to the NYSDEC in April 2009 [and a revised version in October 2009] (Appendix D). No other operational data or information has been located for the Site. Based on this report, the source of gas for the Pinelawn/Farmingdale Hortonsphere may have been Bayshore.

An electrical substation and associated control house also occupied the western portion of the Hortonsphere Site as early as 1927. The substation was located north of the control house that was constructed in 1936. The substation ceased operations in the 1970s.

#### **1.2.4 Hortonsphere Construction Methods**

Spherical steel tanks called "Hortonspheres" were designed by George T. Horton to contain gas under pressure (Morgan, 1935). Horton was the president of the Chicago Bridge and Iron Works (CBI), the firm that built the first Hortonsphere in the world, in 1923 (CBI, 2008). Horton demonstrated that the amount of steel required for a spherical structure was less than that required for a cylindrical tank of the same capacity due to the structural advantages provided by the sphere. CBI built most of the Hortonspheres on Long Island, according to National Grid archive documents and CBI.

Morgan (1935) pointed out that Hortonspheres contained no moving parts or liquid seals (Appendix D). There is no mention of use of other metals in construction of the spheres. Morgan did indicate that "oil" might be present in an operational Hortonsphere and that aluminum or other paints were used for exterior protection.

Ken Petro, archivist at Chicago Bridge and Iron Works (CBI), was contacted (Petro, 2008) to inquire about the use of metals other than steel in Hortonsphere construction. Petro reported that steel was the only metal known for use in construction. Specific details regarding construction of the Pinelawn/Farmingdale Hortonsphere are not available.



### **1.2.5 Potential Site Impacts**

Past gas storage operations had the potential to release:

- PAHs and benzene, toluene, ethylbenzene and xylene (BTEX), which are fractions of petroleum hydrocarbons that can be associated with condensate from gas.
- PCBs, which were formerly used in cooling, lubricating, and sealing oils sometimes associated with compressor and valve stations. As a result, some PCBs may have entered the gas distribution and storage systems including the Hortonsphere.
- Lead can be associated with Hortonspheres since leaded paint may have been used on metal structures to prevent rusting.
- Sulfur – an odorant added to natural gas. Natural gas has no inherent or detectable odor; the addition of sulfur was a safety feature that alerts natural gas users to the presence of unburned gas in air. Sulfur compounds were added to the suite of analysis at the request of the New York State Department of Health (NYSDOH).

Some of the compounds, depending on the type and length of exposure, may pose a risk to human and ecological health. These substances are COPCs.

Certain persistent pesticides might also be expected at low concentrations in the Site vicinity because they were applied in a widespread effort to mitigate nuisance pests on Long Island during the 1940s and 1950s (Dunlap, 1981).

## **1.3 Physical and Environmental Setting**

The Pinelawn/Farmingdale Site is nearly flat. Site elevation varies between 80 and 81 feet North American Vertical Datum (NAVD) [Figure 2]. The northern and western extent of the Site is wooded. A grassed median is located along the western Site boundary adjacent to Route 110.

However, topographic elevations on the entire property range from approximately 80 to 89 feet NAVD. The elevation along the eastern property boundary dramatically increases. Some mulch remains on the ground surface from previous mulching.

### **1.3.1 Regional Geology**

Long Island is within the Atlantic Coastal Plain physiographic province. The geologic units in central Long Island, in order of shallowest to deepest, consists of glacial outwash sand and gravel deposits of the Upper Glacial Aquifer, thick sequences of Pleistocene-aged glacio-fluvial deposits of the Magothy Aquifer, and Cretaceous-aged shallow marine and terrestrial sediments of the Lloyd Aquifer overlying a southeastward-sloping bedrock surface. The Raritan Clay, an aquitard (a low-conductivity layer that restricts vertical groundwater flow), separates the Magothy Aquifer from the Lloyd Aquifer. Near the Site, the thickness of unconsolidated

deposits overlying bedrock is approximately 1,300 feet (Soren and Simmons, 1985). The underlying bedrock consists of virtually impermeable Precambrian and Paleozoic-aged crystalline metamorphic and igneous rock. The bedrock surface is regarded as the bottom hydraulic boundary of the groundwater flow system within the study area, as well as for the rest of Long Island (Busciolano, 2002).

### **1.3.2 Regional Hydrogeology**

Three regional groundwater aquifers are present in the Long Island area, in order of increasing depth.

- The Upper Glacial Aquifer consisting of Upper Pleistocene glacial outwash deposits.
- The Magothy Aquifer consisting of the Late Cretaceous Magothy Formation and Matawan Group deltaic deposits.
- The Lloyd Aquifer consisting of the Lloyd Sand Member.

The Upper Glacial Aquifer is generally unconfined (water table). The SC monitoring wells are screened in this aquifer. Groundwater within the Upper Glacial Aquifer flows southward towards the Great South Bay. The horizontal hydraulic conductivity of glacial outwash deposits of the Upper Glacial Aquifer on Long Island were calculated at 270 feet per day ( $9.5 \times 10^{-2}$  centimeters per second [cm/s]) (Franke and Cohen, 1972 in Cartwright, R.A., 2002).

The Magothy Aquifer underlies the Upper Glacial Aquifer and is the thickest hydrogeologic unit on Long Island. It consists of beds and lenses of clay, silt, sand and gravel. The average horizontal hydraulic conductivity ranges from approximately 50 to 67 feet per day (ft/d). The Lloyd Aquifer is a confined artesian unit between the bedrock and overlying Raritan Clay. It also consists of beds and lenses of clay, silt, sand and gravel. The average horizontal hydraulic conductivities range from 40 to 67 ft/d (Soren and Simmons, 1985).

### **1.3.3 Water Use**

The East Farmingdale Water District (East Farmingdale Water District, 2008) provides potable water to the property and surrounding area.

According to EDR, a public water supply well (WELL#2-2 S-20042), installed to a depth of 585 feet, was identified approximately 1,800 feet to the northeast of the property. A second public water supply well (WELL#3-1 S-39709), installed to a depth of 712 feet, was also identified approximately 3,000 feet to the north of the property. It is unlikely that a release from the Site would affect these supply wells since they are a distance from the site and are located upgradient of the site.

There are no public water supply wells identified within 1 mile to the south (downgradient) of the Site.

#### **1.3.4 Climatology**

A summary of the monthly climatologic records collected at MacArthur Airport in Islip, New York was reviewed. The airport is located approximately 14 miles to the west of the Site and its weather records are considered representative of weather conditions at the Site. Table 1 summarizes the climatologic data for the airport. The average monthly maximum temperature was 61 degrees Fahrenheit (°F) and the average monthly minimum temperature was 44°F. The lowest average monthly maximum temperature was 39°F recorded for January and the highest average monthly maximum was 83°F recorded for July. The average annual precipitation (rainfall) for the area is 46.25 inches, with the largest monthly precipitation of 4.76 inches occurring in March.

During implementation of the SC field program, climatic conditions were monitored as part of the perimeter air-monitoring program. These conditions are provided in Table 1.

### **1.4 Previous Investigations**

No previous environmental investigations related to the Site are known by GEI or National Grid.

## 2. Site Characterization Scope of Work

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The objective of the SC was to identify the presence or absence of chemical compounds that could potentially be associated with the operation of the former Hortonsphere. The initial SC field work was conducted between December 6 and 17, 2007 and SSC field work was conducted between February 19 and April 16, 2009.

Prior to the preparation of the SCWP, GEI conducted a reconnaissance of the Site and reviewed historic information sources such as aerial photographs and topographic maps. Information gathered during these activities determined the type of environmental sampling and the number and depth of sampling locations specified in the approved SCWP. The sample locations are shown in Figure 2.

The following sections describe the methods used for the sampling in accordance with the NYSDEC-approved work plan. Detailed field procedures were provided in the Work Plan. Fenley & Nicol Environmental, Inc. of Deer Park, New York advanced all soil borings and installed temporary monitoring wells. GEI provided oversight of all field activities, installed soil-gas sampling points, and collected all samples. TestAmerica Laboratories of Shelton, Connecticut, an Environmental Laboratory Approved Program (ELAP) certified laboratory, completed all soil and groundwater sample analyses. Alpha Woods Hole Labs of Westborough, Massachusetts completed all soil vapor sample analyses.

### 2.1 SC Field Work

The field work included:

- Collection of seven surface soil samples (PFH-SS-01 through PFH-SS-07).
- Drilling of seven GeoProbe<sup>®</sup> soil borings (PFH-GP-01 through PFH-GP-07).
- Installation of seven temporary monitoring wells (PFH-GW-01 through PFH-GW-07).
- Collection of six soil vapor samples (PFH-SV-01 through PFH-SV-06).
- Laboratory chemical analyses of 12 subsurface-soil samples were collected from six boring locations (two samples per boring).
- Laboratory chemical analysis of seven groundwater samples collected from seven temporary monitoring wells (one sample per well plus one duplicate sample).
- Laboratory chemical analysis of six soil vapor samples collected from five soil vapor points.

Table 2 presents a sample collection rationale and summary of laboratory analyses performed for each sample.

During all intrusive activities, an air quality-monitoring program was conducted in general accordance with the NYSDOH's community air-monitoring plan (CAMP) requirements (NYSDEC, 2002). VOCs were measured with recording photoionization detectors (PIDs) and particulates were measured with recording particulate meters. Work zone monitoring was also conducted for VOCs, particulates, lower explosive limit (LEL) and percent oxygen, hydrogen cyanide, and hydrogen sulfide per the Site-specific health and safety plan (HASP). No exceedances of the air monitoring action levels or worker health and safety action levels were measured during the SC field program.

## **2.2 Field Methods**

This subsection describes the sampling procedures and field methods used during the SC. All procedures and methods used were in general accordance with the SCWP except where noted.

### **2.2.1 Utility Mark Out**

Prior to commencement of intrusive activities, a representative of National Grid marked out the location of underground utilities based upon available Site utility drawings. The National Grid representative also reviewed the mark out of each boring location to ensure each location was clear of utilities.

### **2.2.2 Soil Sampling and Temporary Monitoring Well Installation**

This subsection describes the methodology used to collect soil samples and install monitoring wells during the SC. Table 2 identifies:

- The surface soil, soil boring, and monitoring well locations.
- The rationale for installing each boring.
- The rationale for submittal of each sample for laboratory analysis and the analyses performed for each sample.

Soils were logged and screened in accordance with the SC. Boring logs are presented in Appendix E. Each sampling implement was decontaminated in accordance with decontamination procedures described in the Field Sampling Plan (FSP). Quality Assurance/Quality Control (QA/QC) procedures are detailed within the Quality Assurance Project Plan (QAPP) submitted as part of the SCWP. QA/QC samples included a blind duplicate soil sample, matrix spike/matrix spike duplicate (MS/MSD) samples, and equipment rinsate blank sample. One trip blank was included per shipment of samples to the laboratory.

Selected soil samples were placed directly into certified pre-cleaned containers and placed directly into ice-filled coolers. The samples were then transported via courier to TestAmerica located in Shelton, Connecticut for chemical analysis.

## **Surface Soil Sampling**

Surface soil samples were collected at seven locations (PFH-SS-01 through PFH-SS-07) as shown on Figure 2. The surface-soil samples were collected from the top 0-2 inches of mineral soil beneath any wood mulch or pavement that was present.

Soil samples collected from the seven surface soil locations were analyzed for VOCs by the United States Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270C, Target Analyte List (TAL) metals by EPA 6000/7000 series, sulfide by EPA Method 9034; sulfate by EPA Method 300, PCBs by EPA 8082, pesticides by EPA Method 8081A, and herbicides by EPA Method 8151A.

## **Soil Borings**

Seven borings (PFH-GP-01 through PFH-GP-07) were advanced as part of the SC field investigation using GeoProbe<sup>®</sup> direct-push methods (Figure 2). The objective of these borings was to evaluate subsurface conditions and to install temporary monitoring wells to evaluate groundwater conditions within the footprint and adjacent to the former Hortonsphere. Soil samples were collected using dedicated, disposal sampling sleeves and disposable plastic samplers. Boring locations were cleared with respect to utilities by hand clearing with a post hole digger to a depth of 5 feet below ground surface (bgs).

At each boring location, soils were continuously logged, except where there was no recovery, screened with a PID, and visual and olfactory observations were noted in accordance with the SCWP.

Soil samples were collected for laboratory analyses from the ground surface and at the apparent groundwater table. At each soil boring location, a sample was collected from 0 to 5 feet bgs and at the apparent water table.

Subsurface soil samples were analyzed for the same suite of compounds as surface soil samples. Specific analyses performed on each sample are listed in Table 2.

Soil cuttings generated during the SC field activities were contained in a 55-gallon United States Department of Transportation (USDOT) drum and were transported to the National Grid Hicksville Facility for temporary storage until they were disposed of at an approved facility.

## **Temporary Monitoring Well Installation**

Seven temporary monitoring wells (PFH-GW-01 through PFH-GW-07) were installed utilizing GeoProbe<sup>®</sup> drive casing. Well screens extended to a maximum depth of 33 feet bgs. Table 3 provides information on temporary well depths and elevations, top of casing information, and screen depths and elevations.

Monitoring well PFH-GW-01 was destroyed by heavy equipment soon after installation by the current lessee. A new well (PFH-GW-01R) was installed nearby during the second field event. PFH-GW-01R was constructed identically to PFH-GW-01. PFH-GW-05 was also damaged by heavy equipment and covered by mulch. The damage to this well occurred after sampling activities, but before the April 2009 groundwater gauging activities.

Temporary monitoring wells were completed as 2-inch inner diameter (ID) monitoring wells with a 10-foot flush-threaded polyvinyl chloride (PVC) 0.010-inch slotted screen, solid PVC riser, expandable cap, and a flush-mounted protective cover. The annular space around each monitoring well was backfilled with sand and a bentonite seal. These monitoring wells will be abandoned when SC is complete.

Each monitoring well was developed with a Grundfos<sup>®</sup> pump, in accordance with the FSP, to remove silt and clays from the well and stabilize the well filter pack. Development water was containerized in 55-gallon USDOT drums and transported to the National Grid Hicksville Facility for temporary storage until it was disposed of at a National Grid-approved disposal facility.

### **2.2.3 Groundwater Sampling**

On December 17, 2007, groundwater samples were collected from PFH-MW-01 through PFH-MW-05. PFH-GW-06 and PFH-GW-07 were sampled on March 24, 2009. Groundwater levels were measured at the six wells on April 16, 2009 and again four months later to confirm previous groundwater elevation data. One monitoring well was not measured for groundwater elevation since the top of casing was damaged and an accurate reading could not be obtained.

## **Purging**

Depth to groundwater necessitated the use of Grundfos<sup>®</sup> centrifugal pumps for groundwater purging. Pumping rates were minimized to reduce drawdown of the static water level. Groundwater purged from each well was monitored for field parameters (temperature, pH, conductivity, dissolved oxygen [DO], oxidation/reduction potential [ORP], and turbidity) to ensure that representative formation water was sampled. Measured flow rates and purge volumes were recorded concurrently with field parameter measurements. Wells were sampled

after at least one well volume was purged and the values of measured field parameters generally stabilized.

Developed water was contained in one 55-gallon USDOT drum that was transported to the National Grid Hicksville Facility for temporary storage after which it was disposed of at an approved facility.

## **Sampling**

After each well was purged, groundwater samples were collected and placed into preserved containers provided by TestAmerica. Groundwater samples for VOCs were collected using a disposable bailer.

Groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270C, TAL metals by EPA 6000/7000 series, sulfide by EPA Method 9034, sulfate by EPA Method 300, PCBs by EPA 8082, pesticides by EPA Method 8081A, and herbicides by EPA Method 8151A.

### **2.2.4 Soil Vapor Sampling**

Five soil-vapor samples were collected from temporary sampling points (PFH-SV-01 through PFH-SV-05) on December 17, 2007. One supplemental soil vapor sample was collected on February 24, 2009 (PFH-SV-06). The sampling locations are shown in Figure 2.

One ambient air sample (PFH-OA-01) was also collected during soil vapor sampling in February 2009 to evaluate outdoor ambient air concentrations.

Table 2 presents the rationale for the soil vapor sampling locations. The vapor points were installed to an approximate depth of 5 feet within hand cleared holes. Each point was constructed with a 6-inch stainless steel soil gas point, Teflon™ tubing, sand, and hydrated bentonite. The remainder of the annulus was backfilled with clean native materials.

To ensure that the sampling point was isolated from the ambient air above ground, GEI utilized helium as a tracer gas as described in the NYSDOH Soil Vapor Intrusion Guidance document. Three volumes of soil vapor were purged from the vapor point prior to sampling. Samples were collected in 2.7-liter (L) Summa canisters with flow controllers set at a rate of approximately 0.2 L per minute. Samples were analyzed for VOCs, including naphthalene, according to modified EPA method TO-15 and helium by American Society for Testing and Materials (ASTM) method 1945.



### **2.2.5 Survey**

At the conclusion of the SC field activities, a New York State-licensed land surveyor (NYS LS #050146) located the borings, temporary wells, soil vapor points, and surface soil samples. One surface soil location, PFH-SS-04, was approximated because the location marker was destroyed prior to surveying. The survey was performed to A-2 standards of accuracy, with a horizontal and vertical precision of  $\pm 0.02$  feet. Surveyed well elevations are included in Table 3 and surveyed locations of all points are shown on Figure 2.

Point coordinates were referenced to the New York State Plane Coordinate System (Long Island Zone, NAD 83) as determined by differential Global Positioning System (GPS) observations. Point elevations are expressed as heights above the ellipsoid NAVD 88. This datum is not directly related to sea level; however, the record elevations related to the tidal benchmark at Montauk (closest recording station to the Site) indicate that mean sea level has an NAVD 88 elevation of -0.066 feet (National Oceanic and Atmospheric Administration [NOAA], 2008), indicating that within the general Site vicinity, the data are essentially synonymous.

### **2.2.6 Work Plan Modifications**

The SC was completed substantially as specified in both approved SCWPs.

### **3. Site Geology and Hydrogeology**

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This section documents the Site geology and hydrogeology and is based on regional information described in Section 1 and boring and monitoring well data collected during the SC.

#### **3.1 Geology**

Surficial geology at the Site was assessed through visual inspection of soil samples collected during the field investigation. Soil was described according to the Unified Soil Classification System (USCS) at each soil boring location. The soil borings were installed to a maximum depth of approximately 35 feet bgs. Fill was not observed at the Site. The primary stratigraphic unit encountered during the SC activities was sand composed of fine-to-coarse sand, typically containing 5 to 35 percent fine-to-coarse gravel, and up to 20 percent silty fines. PFH-GP-1, PFH-GP-2, and PFH-GP-5 contained a silty sand layer at depths encountered bgs down to 1.75 feet.

Two cross sections (Figure 4) were developed to illustrate the geology underlying the Site. Detailed geologic descriptions are provided in boring logs located in Appendix E.

#### **3.2 Site Hydrogeology**

Temporary monitoring wells PFH-GW-01 through PFH-GW-07 were screened across the apparent water table, which was encountered between 17.4 feet and 24.5 bgs. Water table elevations ranged from 58.7 to 59.0 feet NAVD. Figure 7 depicts groundwater flow direction and contours generated from elevations collected on April 16, 2009. Based on these contours, groundwater at the Site flows south/southeast, consistent with regional groundwater flow.

## 4. Findings

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This section presents, integrates, and discusses the data and information generated during SC field activities in 2007 and 2009.

Tables 4 and 5 summarize the laboratory analytical results of constituents detected in surface- and subsurface-soil samples, respectively. These tables provide arithmetic sums (i.e., totals) for BTEX, PAHs, and PCBs. For non-detect results (i.e., those results having a “U” qualifier), the value used in these sums was 0.00. For estimated values (i.e., those results having a “J” qualifier), the value used in the sums was the numerical result for each analyte.

Surface and subsurface soil analytical results were compared to both Restricted Use Residential SCOs (Residential SCOs) and Restricted Use Industrial SCOs (Industrial SCOs) established in the New York Code of Rules and Regulations (NYCRR), Title 6, Chapter 100, Part 700-705, Subpart 375-6 (NYSDEC, 2006). Exceedances of these SCOs are shaded on the data tables and provided in Figures 5 and 6. In the absence of Residential SCOs, results were considered against relevant SCGs.

Table 6 summarizes the laboratory analytical results for constituents detected in groundwater samples. Analytical results were compared to the New York State Ambient Water Quality Standards, Criteria and Guidance Values (NYS SCGs) for all groundwater samples collected. Exceedances of the NYS SCGs have been shaded on the table.

Table 7 summarizes analytical results for detected VOCs in soil vapor. New York State currently does not have SCG values for concentrations of compounds in soil vapor. Additionally, there are currently no databases available for background levels of volatile chemicals in soil vapor.

Analytical results were independently validated to assess the data quality and usability. The detected analytical data presented in Tables 5 through 8 include qualifiers based on the validation for each parameter.

All data were valid and usable with the exception of four pesticides analyzed in surface soil. Alpha chlordane, 4,4-DDD, 4,4-DDT, and methoxychlor were rejected due to poor surrogate recoveries. These compounds are not related to Hortonsphere activities.

Appendix F presents the Data Usability Summary Report (DUSR) which includes an electronic version of the chain-of-custody forms, data validation reports, and the validated laboratory Form I reports.

Tables 8 and 9 present statistical summaries of the detected analytes for soil and groundwater. Table 10 presents the typical background concentrations of metals for the eastern United States (Shacklette and Boerngen, 1984). Table 11 provides a Fish and Wildlife Resources Impact Analysis (FWRIA) Decision Key.

## **4.1 Surface Soil**

Surface soil analytical results are presented on Table 4 and summarized in Figure 5.

Samples PFH-SS-01, PFH-SS-02, and PFH-SS-03 were collected within the approximate footprint of the former Hortonsphere location. Samples PFH-SS-04 and PFH-SS-06 were collected to the north of the former Hortonsphere location and PFH-SS-05 and PFH-SS-07 were located to the west of the former Hortonsphere location.

No evidence of physical or chemical impacts (e.g., staining or odors) to surface soils was observed during field screening and sampling activities.

VOCs (including BTEX), SVOCs (including PAHs), total PCBs, herbicides, and sulfate were not detected in excess of the Residential or Industrial SCOs. All detected metals were within the range of background concentrations for the eastern United States as reported by Shacklette and Boerngen, 1984 (Table 10).

Mercury was detected in one sample, PFH-SS-04, at 1.4 milligram per kilogram (mg/kg), slightly above the Residential SCO of 0.81 mg/kg. This sample was collected outside the former Hortonsphere location. The detected concentration is well below the Industrial SCO of 5.7 mg/kg. The source of the mercury is uncertain. However, mercury is not associated with manufactured gas byproducts.

## **4.2 Subsurface Soil**

Subsurface soil is defined as soil deeper than 2 inches bgs.

Table 5 presents a summary of the analytical results for subsurface soil samples. Figure 6 provides the spatial context for the analytical results.

No physical evidence of contamination (e.g., odors or staining) was observed in subsurface soils during field screening and collection of subsurface soil samples.

BTEX, SVOCs (including PAHs), PCBs, or sulfides compounds were not detected in any of the subsurface soil samples. No VOCs, metals, pesticides, or sulfates were detected in excess of the Residential or Industrial SCOs.

### **4.3 Groundwater**

Physical groundwater impacts (e.g., odors or sheen) were not observed during groundwater purging or sampling field activities. Table 6 presents a summary of the detections of the analytical results for groundwater samples. Figure 7 provides the spatial context for the groundwater analytical results.

PAHs, PCBs, and sulfide were not detected in groundwater samples collected from the seven wells. BTEX, sulfate, and pesticides were detected at concentrations significantly below NYS SCGs.

Three metals, iron, manganese, and sodium, were detected above of the NYS SCG standards. Thallium was also detected above NYS SCG recommended concentrations. The spatial distribution of the metals concentrations suggests the former Hortonsphere operations were not a source. Samples from PFH-GW-06 and PFH-GW-07, located upgradient to the former Hortonsphere, contained the highest detections of iron. Manganese and sodium were detected in all of the groundwater samples at relatively uniform concentrations. These metals are not associated with manufactured gas byproducts or storage activities and may represent natural local groundwater conditions.

A potential upgradient source, an active aggregate storage area, is located to the northeast of the Site on the opposite side of the railroad.

### **4.4 Soil Vapor**

Six soil vapor samples (PFH-SV-01 through SV-06) were collected from a depth of 5 feet. Table 7 summarizes the detected analytical results from the samples. Helium tracer gas analysis demonstrated that soil vapor samples were not compromised by ambient air.

Multiple petroleum-related VOCs were detected in the soil vapor samples as shown in Table 7. The highest concentrations of VOCs were noted outside the footprint of the Hortonsphere. The location and types of compounds suggest a source such as gasoline or middle distillate fuels.

Chlorinated compounds, including tetrachloroethylene (PCE) and trichloroethylene (TCE), were detected throughout the Site. Chlorinated compounds are not associated with former gas storage and distribution operations. These compounds were not detected in Site surface soil, subsurface

soil, or groundwater samples. As such, the source of these low-level soil gas concentrations is not known. The general industrialized setting; however, could be responsible for their presence.

The ambient air sample results were compared to the 95<sup>th</sup> percentile air background concentrations established by the NYSDOH (NYSDOH, 2006b). All detected compounds were at concentrations below these background values.

#### **4.5 Non-Aqueous Phase Liquid (NAPL)**

NAPL was not observed during Site characterization activities.

## 5. Qualitative Human Health Exposure Assessment

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This section evaluates the qualitative potential for exposure posed to human receptors by COPCs detected in surface soil, subsurface soil, and groundwater at the Site at concentrations in excess of the Residential and Industrial SCOs and NYS SCGs. Tables 4 through Table 6 provide a summary of the detected concentrations and highlights compounds that exceed criteria. Table 7 presents detected concentrations of VOCs in soil vapor evaluated for potential exposure pathways.

### 5.1 Exposure Pathways

An exposure pathway describes the means by which a potential receptor may be exposed to contaminants originating from a site. Assessment of potential exposure pathways includes the following five elements (NYSDEC, 2002):

- (1) A contaminant source
- (2) Contaminant release and transport mechanisms
- (3) A point of exposure
- (4) A route of exposure
- (5) A receptor population

The NYSDEC and NYSDOH consider an exposure pathway complete when all five elements of an exposure pathway are documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future (NYSDEC, 2002).

The Pinelawn/Farmingdale Site is located in a mixed commercial and industrial area and is bordered by the LIRR to the north and Route 110 (Broadhollow Road) and Route 24 (Conklin Street) to the east and south, respectively. Currently, the Site is vacant and overgrown with weeds. The Site is surrounded by a chain-linked fence with a gated, locked entrance. A building is located at the northeast corner of the Site, which is currently vacant.

#### 5.1.1 Surface Soil

A complete exposure pathway to mercury exists in surface soils in the vicinity of PFH-SS-04. Potential receptors include commercial worker, utility worker, adult and child visitor, and trespasser if surface soils in this area are disturbed. Potential routes of exposure include ingestion, dermal contact, and inhalation of soil particulates.

A chain-linked fence and gated entrance restrict access and minimizes exposure potential.

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### **5.1.2 Subsurface Soil**

No COPCs were detected in subsurface soil samples at concentrations above Residential SCOs. The Residential SCOs are designed to protect human health. As such, subsurface soils do not present an exposure concern.

### **5.1.3 Groundwater**

Iron, manganese, thallium, and sodium were present in groundwater samples at concentrations in excess of the associated NYS SCGs.

Depth to groundwater across the Site ranges from 17 to 24 feet bgs, which is below a practical excavation depth (~14 feet bgs).

The East Farmingdale Water District provides water to the area surrounding the Site. EDR identified two public supply wells at upgradient locations within a mile of the Site. According to EDR, a public water supply well (WELL#2-2 S-20042), installed to a depth of 585 feet, was identified approximately 1,800 feet to the northeast of the property. A second public water supply well (WELL#3-1 S-39709), installed to a depth of 712 feet, was also identified approximately 3,000 feet to the north of the property. These wells are screened within the deeper Magothy and/or Lloyd Aquifers and not the shallower Upper Glacial Aquifer. It is unlikely that a release from the Site would affect these supply wells which are a distance from the site and are hydrologically upgradient.

There were no public water supply wells identified within 1 mile to the south (downgradient) of the Site.

Based on all the information provided above, direct ingestion or contact with groundwater at the Site now or in the future is very unlikely. Therefore, the potential for human exposure via direct contact or ingestion to constituents exceeding NYS SCG is minimal.

### **5.1.4 Soil Vapor**

Low concentrations of VOCs were detected in all soil vapor samples. However, these VOCs were not detected in soil or groundwater at the site.

Potential receptors include construction and utility workers, adult and child visitors, and trespassers. A potentially complete exposure pathway via inhalation is possible if the shallow soil is disturbed.

Vapor intrusion exposure is limited since the sole on-site building is vacant. A chain-linked fence and gated entrance restricts Site access and minimizes exposure potential.



## 5.2 QHHEA Conclusions

The QHHEA indicates that there are potentially complete exposure pathways.

- Mercury was the only constituent detected in soil above Residential SCOs. However, the detected mercury was at a concentration below the Industrial SCO.
- Constituents were detected in groundwater above NYS SCGs. However, groundwater is inaccessible.
- VOCs were detected in soil vapor, but their source does not appear to be former Hortonsphere operations.

Based upon the current and expected future property use, the potential for exposure is minimal.

## 6. Fish and Wildlife Resources Impact Analysis

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The NYSDEC's FWRIA guidance provides a decision key outlining the actual or potential risks for wildlife near a potential hazardous waste site, which might require performance of a FWRIA. According to this key, a FWRIA is not required for the Pinelawn/Farmingdale Former Hortonsphere Site (Table 11). The remaining portion of this section provides the supporting information for this conclusion.

The Pinelawn/Farmingdale Former Hortonsphere Site was, in the recent past, the location of a storage yard for tree trimming equipment and mulching operations. It is currently vacant and overgrown with weeds. The surface is primarily covered in gravel and pavement with very little grass and a few trees. A chain-link fence runs the perimeter of the property. The Site is composed of an industrial/commercial cover-type with trees (Edinger et al., 2002). The industrial area of East Farmingdale surrounds the Site directly adjacent to the south, west, and east, with the LIRR bordering the northern edge. Specifically, Route 110/Broadhollow Road is directly adjacent to the west of the Site, while Route 24/Conklin Street to the South of the property. East Farmingdale is a community with a high density of industrial and commercial structures including landscaped yards and paved roads.

An EDR report provided to GEI indicates there were no reported spills occurring on the Pinelawn/Farmingdale Former Hortonsphere Site (EDR, 2007). The Site will remain a commercial/ industrial area that is zoned for industrial purposes with very limited ecological habitat. Potentially Hortonsphere-related compounds, including lead or PCBs, detected in soils are localized and isolated by mulching activities. Therefore, these detections do not pose a risk to local ecological receptors, as there is no point of contact. The general industrial classification of the Site and lack of receptors in vicinity of the Site indicate that adjacent water bodies, ecological communities, and species of concern are not being impacted by the former Hortonsphere operations occurring at the Site.

Correspondence from the New York Natural Heritage Program in conjunction with NYSDEC indicates that there is one moth and one plant species of concern that occur within a 2-mile radius of the Site. The moth species of special concern is the coastal barrens buckmoth (*Hemileuca maia* ssp. 5). This moth requires pine barrens or scrub oak habitat. These types of habitats are lacking on the Site.

The threatened vascular plant species identified as potentially occurring in the vicinity of the Site is the little-leaf tick-trefoil (*Desmodium cillare*). The little-leaf tick-trefoil occurs on dry forest

edges. The Site does not provide the appropriate habitat for this species and is highly disturbed and developed. Therefore, there are no Site-related impacts to this plant species.

According to the National Wetlands Inventory database (US Fish & Wildlife Service, 1994), there is one un-named lacustrine/fresh surface water body and several small man-made water bodies within 2 miles of the Site to the southwest. However, during the field reconnaissance survey, it was identified that the one large water body had been filled. Therefore, there are no recipient state-classified water bodies within 2 miles of the Site.

A field reconnaissance survey conducted in October of 2007 revealed no apparent stress on the ecology on the Site, and did not identify the presence of species of concern listed above. The species that were identified within the 2-mile radius of the Site during the field reconnaissance included:

Plant Species:

- Pitch pine (*Pinus rigida*)
- Oriental bittersweet (*Celastrus orbiculatus*)
- White oak (*Quercus alba*)
- Wild grape (*Vitis spp.*)

Avian Species

- Avian Species
- House sparrow (*Passer domesticus*)
- Pigeon (*Columba fasciata*)
- European starling (*Sturnus vulgaris*)

## 7. Summary and Conclusions

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The SC was executed per the terms of NYSDEC AOC No. A1-0595-08-07 to evaluate surface soil, subsurface soil, soil vapor, and groundwater, to determine if former Hortonsphere operations had impacted the environment.

The Hortonsphere was constructed by LILCO circa 1927 and decommissioned in 1962. A substation also operated on the property, but outside the footprint of the former Hortonsphere. LIPA is the current property owner and the property is vacant. The Site is currently zoned industrial. Future Site use is expected to remain industrial.

No physical evidence of staining, sheen, or odors was observed in soils and/or groundwater. Analytical data for these media were evaluated with respect to both Residential and Industrial Use SCOs. A summary of the SC analytical findings is as follows:

### Surface Soils

VOCs, SVOCs, total PCBs, herbicides, and sulfate were not detected in excess of the Residential or Industrial SCOs.

Mercury, detected in one sample, slightly exceeded the Residential SCOs. This sample was collected outside the holder footprint. The detected concentration is well below the Industrial SCOs. No other exceedances were detected in surface soils. The source of the mercury is not known.

A complete exposure pathway to mercury exists in surface soils. Potential exposure is minimized by restricted site access.

### Subsurface Soils

No exceedances of Residential or Industrial SCOs were detected in subsurface soils. As such, subsurface soil is not an issue.

### Groundwater

No Hortonsphere-related COPCs were detected in the groundwater above NYS SCG. Iron, manganese, thallium, and sodium exceeded the NYS SCGs. These metals were detected

upgradient of the former Hortonsphere indicating former Site operations are not a source. A potential upgradient source of these metals was identified.

Due to the depth of the water table on Site, 17 to 24 feet bgs, trenching and excavation activities should not place workers in contact with the groundwater. Potable water is supplied to the Site and surroundings. A well survey indicated only two supply wells are located within a radius of 1 mile of the Site. These wells are far upgradient of the site. Consequently, the potential for exposure to metals detected in the shallow groundwater is low.

### **Soil Vapor**

The source of VOCs at the Site is unknown. The highest concentrations of VOCs in soil vapor were detected outside the Hortonsphere footprint.

One vacant building is present on the Site. The building is in poor repair and is unoccupied. As such, soil vapor intrusion is not an issue.

Construction, utility, and other workers may be exposed to low levels of VOCs in soil vapor if they were to disturb the soils. However, the low concentrations present a minimal risk.

### **Fish and Wildlife Resource Impact Analysis Findings**

A FWRIA decision key was completed as part of this SC. According to Table 11, a FWRIA was not required. The ecological resources in the vicinity of the Site are not being affected by the low-level chemical constituents detected at the Site.

Investigation has adequately characterized the Site. No releases from former gas storage operations were identified.

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## Tables

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**Table 1**  
**Climatological Norms and Means - MacArthur Airport**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Month:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
<b>Climatic Averages for MacArthur Airport, Islip, New York</b>													
Precipitation (inches)	4.27	3.33	4.76	4.13	3.9	3.71	2.93	4.48	3.39	3.36	3.86	4.13	46.25
Average Maximum Temperature (°F)	39	41	48	58	69	77	83	82	75	64	54	44	61
Average Minimum Temperature (°F)	23	24	31	40	49	60	66	64	57	45	36	27	44
<b>Climatic Averages for MacArthur Airport, Islip, New York 2007</b>													
Precipitation (inches)	---	---	---	---	---	---	---	---	---	---	---	4.64	---
Average Temperature (°F)	---	---	---	---	---	---	---	---	---	---	---	35	---
Average Maximum Temperature (°F)	---	---	---	---	---	---	---	---	---	---	---	42	---
Average Minimum Temperature (°F)	---	---	---	---	---	---	---	---	---	---	---	28	---
Average Wind Speed (mph)	---	---	---	---	---	---	---	---	---	---	---	10	---
<b>Climatic Averages for MacArthur Airport, Islip, New York 2009</b>													
Precipitation (inches)	---	2.89	4.01	4.12	---	---	---	---	---	---	---	---	---
Average Temperature (°F)	---	32	35	34	---	---	---	---	---	---	---	---	---
Average Maximum Temperature (°F)	---	43	46	59	---	---	---	---	---	---	---	---	---
Average Minimum Temperature (°F)	---	22	29	41	---	---	---	---	---	---	---	---	---
Average Wind Speed (mph)	---	8	9	8	---	---	---	---	---	---	---	---	---

**Notes:**

All data was collected from the U.S. Weather Service weather station located at the MacArthur Airport in Islip, New York.

Climatic Averages for MacArthur Airport were obtained from <http://www.weather.com>, accessed on December 5, 2009.

2007 Monthly average temperature (degrees Fahrenheit) and precipitation data (inches) were obtained from Weather Underground, <http://www.wunderground.com>, accessed December 5, 2009.

**Table 2**  
**Sample Rationale**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples			VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (EPA 6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082)	Pesticides (EPA 8081A)	Sulfide (EPA 9034/376.1)	Sulfate (EPA 300.0)	VOCs (EPA TO-15) Helium by ASTM 1945
				Soil	Soil Vapor	Groundwater									
Subsurface Soil Borings and Temporary Groundwater Monitoring Point															
PFH-GP-01/ PFH-GW-01R	Northeast corner along Site border	PFH-GP-01 (0.5 -1)	Evaluate shallow soil quality sidegradient of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	
		PFH-GP-01 (25-27)	Evaluate soil quality at the water table interface, sidegradient of the former Hortonsphere.	X											
		PFH-GW-01	Evaluate groundwater quality sidegradient of the former Hortonsphere.			X									
PFH-GP-02/ PFH-GW-02	Within footprint of former Hortonsphere	PFH-GP-02 (1.0-1.25)	Evaluate shallow soil quality within the footprint of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	
		PFH-GP-02 (23.5-25)	Evaluate soil quality at the water table interface, within the footprint of the former Hortonsphere.	X											
		PFH-GW-02	Evaluate groundwater quality within the footprint of the former Hortonsphere.			X									
PFH-GP-03/ PFH-GW-03	Located northwest and downgradient of former Hortonsphere	PFH-GP-03 (2.0-2.5)	Evaluate shallow soil quality downgradient of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	
		PFH-GP-03 (23.5-25)	Evaluate soil quality at the water table interface, downgradient of the former Hortonsphere.	X											
		PFH-GW-03	Evaluate groundwater quality downgradient of the former Hortonsphere.			X									
PFH-GP-04/ PFH-GW-04	Located upgradient to the south of Site boundary	PFH-GP-04 (2.5-3.0)	Evaluate shallow soil quality upgradient of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	
		PFH-GP-04 (25-26)	Evaluate soil quality at the water table interface, upgradient of the former Hortonsphere.	X											
		PFH-GW-04	Evaluate groundwater quality upgradient of the former Hortonsphere.			X									
PFH-GP-05/ PFH-GW-05	Located east of former Hortonsphere	PFH-GP-05 (0.75-1.75)	Evaluate shallow soil quality upgradient of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	
		PFH-GP-05 (25-26.5)	Evaluate soil quality at the water table interface, upgradient of the former Hortonsphere.	X											
		PFH-GW-05	Evaluate groundwater quality upgradient of the former Hortonsphere.			X									

**Table 2**  
**Sample Rationale**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples			VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (EPA 6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082)	Pesticides (EPA 8081A)	Sulfide (EPA 9034/376.1)	Sulfate (EPA 300.0)	VOCs (EPA TO-15) Helium by ASTM 1945
				Soil	Soil Vapor	Groundwater									
PFH-GP-06/ PFH-GW-06	Located west of former Hortonsphere near former governor house location.	PFH-GP-06 (0.75-1.75)	Evaluate shallow soil quality near former governor house location.	X			X	X	X	X	X	X	X	X	
		PFH-GP-06 (25-26.5)	Evaluate soil quality at the water table interface, near former governor house location.	X											
		PFH-GW-06	Evaluate groundwater quality near former governor house location.			X									
PFH-GP-07/ PFH-GW-07	Located west of former Hortonsphere near former governor house location.	PFH-GP-07 (0.75-1.75)	Evaluate shallow soil quality near former governor house location.	X			X	X	X	X	X	X	X	X	
		PFH-GP-07 (25-26.5)	Evaluate soil quality at the water table interface, near former governor house location.	X											
		PFH-GW-07	Evaluate groundwater quality near former governor house location.			X									
Surface Soil Sample Locations															
PFH-SS-01	Located within footprint of former Hortonsphere	PFH-SS-01	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-02	Located within footprint of former Hortonsphere	PFH-SS-02	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-03	Center of former Hortonsphere	PFH-SS-03	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-04	Located downgradient of former Hortonsphere and adjacent to leaf mulch storage area	PFH-SS-04	Soil sample to evaluate surface soil conditions adjacent to the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-05	Located downgradient and northwest of former Hortonsphere	PFH-SS-05	Soil sample to evaluate surface soil conditions to the west of the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-06	Located downgradient and northeast of former Hortonsphere	PFH-SS-06	Soil sample to evaluate surface soil conditions adjacent to the former Hortonsphere.	X			X	X	X	X	X	X	X	X	X
PFH-SS-07	Located west of former Hortonsphere near former governor house location.	PFH-SS-07	Soil sample to evaluate surface soil conditions in former governor house location.	X			X	X	X	X	X	X	X	X	X

**Table 2**  
**Sample Rationale**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples			VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (EPA 6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082)	Pesticides (EPA 8081A)	Sulfide (EPA 9034/376.1)	Sulfate (EPA 300.0)	VOCs (EPA TO-15) Helium by ASTM 1945
				Soil	Soil Vapor	Groundwater									
Soil Vapor Sample Location															
PFH-SV-01	Located within footprint of former Hortonsphere	PFH-SV-01	Soil vapor sample to screen the soil vapor conditions within the footprint of the former Hortonsphere.		X										X
PFH-SV-02	Located to the south and upgradient of Site boundary	PFH-SV-02	Soil vapor sample to screen the soil vapor conditions to the south of the former Hortonsphere.		X										X
PFH-SV-03	Located to the east and sidegradient of former Hortonsphere	PFH-SV-03	Soil vapor sample to screen the soil vapor conditions to the east of the former Hortonsphere.		X										X
PFH-SV-04	Located near northern border of Site upgradient of former Hortonsphere	PFH-SV-04	Soil vapor sample to screen the soil vapor conditions on the northern boundary of the former Hortonsphere site.		X										X
PFH-SV-05	Located northwest of former Hortonsphere near leaf mulch pile	PFH-SV-05	Soil vapor sample to screen the soil vapor conditions to the west of and downgradient of the former Hortonsphere.		X										X
PFH-SV-06	Located west of former Hortonsphere near former governor house location.	PFH-SV-06	Soil vapor sample to further evaluate the soil vapor conditions within the footprint of former governor house.		X										X

**Notes:**

Chemical analysis test methods specified are from U.S. EPA SW-846 test methods

EPA TO-15 analysis will include VOCs and naphthalene [TO-15 KeySpan Parameter List]

EPA stands for the Environmental Protection Agency

VOC stands for volatile organic compounds

SVOC stands for semivolatile organic compounds

TAL stands for target analyte list

PCBs stands for Polychlorinated Biphenyls

**Table 3**  
**Temporary Monitoring Well Construction Data**  
**Pinelawn/Farmingdale Hortonsphere Site**  
**East Farmingdale, New York**

Well ID	Lithology of Screened Interval	Screened Interval (feet below ground surface)			Elevation of Screen Interval (feet above NAVD)			Top of Casing Elevation (feet above NAVD)	Elevation at Center of Well Screen (feet above NAVD)
		Top of Screen	Bottom of Screen	Depth to Water	Depth to Water	Top of Screen	Bottom of Screen		
PFH-GW-01	SAND	23	33	NM	NM	60.95	50.95	83.95	55.95
PFH-GW-01R	SAND	23	33	24.58	58.99	60.57	50.57	83.57	55.57
PFH-GW-02	SAND	22	32	21.59	58.77	58.36	48.36	80.36	53.36
PFH-GW-03	SAND	22	32	20.38	58.84	57.22	47.22	79.22	52.22
PFH-GW-04	SAND	23	33	23.1	58.70	58.80	48.80	81.80	53.80
PFH-GW-05	SAND	23	33	NM	NM	58.68	48.68	81.68	53.68
PFH-GW-06	SAND	16	26	17.43	59.03	60.46	50.46	76.46	55.46
PFH-GW-07	SAND	20	30	22.46	59.02	61.48	51.48	81.48	56.48

**Notes:**

Groundwater elevations collected on April 16, 2009.

Temporary monitoring wells were constructed using 2-inch PVC 0.010 inch slotted screens threaded to 2-inch Schedule 40 PVC riser.

NM - Not measured

NAVD - North American Vertical Datum

**Table 4**  
**Surface Soil Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Name: Sample Depth : Sample Date:	RESIDENTIAL SCO	INDUSTRIAL SCO	PFH-SS-01 (0-2 in.) 12/17/2007	PFH-SS-02 (0-2 in.) 12/17/2007	PFH-SS-03 (0-2in.) 12/17/2007	PFH-SS-04 (0-2in.) 12/17/2007	PFH-SS-05 (0-2in.) 12/17/2007	PFH-SS-06 (0-2in.) 12/17/2007	PFH-SS-07 (0-2in.) 2/18/2009
<b>BTEX (mg/kg)</b>									
Toluene	100	1,000	0.0069 UJ	<b>0.0024 J</b>	<b>0.0014 J</b>	0.0066 UJ	0.0058 U	<b>0.0043 J</b>	0.0062 U
Xylene, total	100	1,000	0.0069 UJ	0.0058 U	<b>0.0037 J</b>	0.0066 UJ	0.0058 U	0.0059 U	0.0062 UJ
Total BTEX	NE	NE	ND	<b>0.0024</b>	<b>0.0051</b>	ND	ND	<b>0.0043</b>	ND
<b>Other VOCs (mg/kg)</b>									
Butanone, 2-	100	1,000	0.014 UJ	0.012 U	0.014 U	0.013 UJ	0.012 U	<b>0.0059 J</b>	0.012 U
Carbon disulfide	NE	NE	0.0069 UJ	<b>0.0015 J</b>	0.007 U	0.0066 UJ	0.0058 U	<b>0.02</b>	0.0062 U
Anthracene	100	1,000	0.91 U	0.38 U	0.46 U	0.44 U	<b>0.18 J</b>	0.39 U	0.34 U
Benz[a]anthracene	1	11	0.91 U	0.38 U	<b>0.16 J</b>	<b>0.082 J</b>	<b>0.54</b>	0.39 U	<b>0.27 J</b>
Benzo[a]pyrene	1	1.1	0.91 U	0.38 U	<b>0.13 J</b>	<b>0.081 J</b>	<b>0.46</b>	0.39 U	<b>0.59</b>
In the absence of Residential SCOs, re	1	11	0.91 U	0.38 U	<b>0.18 J</b>	<b>0.12 J</b>	<b>0.62</b>	0.39 U	<b>0.46</b>
Benzo[g,h,i]perylene	100	1,000	0.91 UJ	0.38 U	0.46 U	0.44 U	<b>0.28 J</b>	0.39 U	<b>0.42</b>
Benzo[k]fluoranthene	1	110	0.91 U	0.38 U	0.46 U	0.44 U	<b>0.24 J</b>	0.39 U	<b>0.14 J</b>
Chrysene	1	110	0.91 U	0.38 U	<b>0.18 J</b>	<b>0.1 J</b>	<b>0.59</b>	0.39 U	<b>0.44</b>
Dibenz[a,h]anthracene	0.33	1.1	0.91 U	0.38 U	0.46 U	0.44 U	<b>0.068 J</b>	0.39 U	<b>0.17 J</b>
Fluorene	100	1,000	0.91 U	0.38 U	0.46 U	0.44 U	<b>0.065 J</b>	0.39 U	0.34 U
Indeno[1,2,3-cd]pyrene	0.5	11	0.91 U	0.38 U	0.46 U	0.44 U	<b>0.32</b>	0.39 U	<b>0.47</b>
Phenanthrene	100	1,000	0.91 U	0.38 U	<b>0.27 J</b>	0.44 U	<b>0.91</b>	0.39 U	<b>0.26 J</b>
Pyrene	100	1,000	0.91 U	0.38 U	<b>0.27 J</b>	<b>0.13 J</b>	<b>0.94</b>	0.39 U	<b>0.59</b>
Total PAHs	NE	NE	ND	ND	<b>1.54</b>	<b>0.643</b>	<b>6.513</b>	ND	<b>4.4</b>
<b>Other SVOCs (mg/kg)</b>									
Bis(2-ethylhexyl)phthalate	NE	NE	0.91 U	0.38 U	<b>0.083 J</b>	<b>0.1 J</b>	<b>0.1 J</b>	0.39 U	0.34 U
Methylphenol, 4-	34	1,000	0.91 U	0.38 U	<b>0.079 J</b>	0.44 U	<b>0.11 J</b>	<b>0.062 J</b>	0.34 U
<b>PCBs (mg/kg)</b>									
Aroclor 1248	NE	NE	0.024 U	0.02 U	0.024 U	0.023 U	<b>0.024</b>	0.02 U	0.02 U
Aroclor 1254	NE	NE	<b>0.0098 J</b>	0.02 U	<b>0.064 J</b>	<b>0.063 J</b>	<b>0.037 J</b>	0.02 U	0.02 U
Aroclor 1260	NE	NE	0.024 U	0.02 U	<b>0.04</b>	<b>0.046</b>	<b>0.026</b>	0.02 U	0.02 UJ
PCBs, Total	1	25	<b>0.0098</b>	ND	<b>0.104</b>	<b>0.109</b>	<b>0.087</b>	ND	ND
<b>Pesticides (mg/kg)</b>									
Alpha-chlordane	0.91	47	<b>0.0025 JN</b>	0.0019 UJ	<b>0.0057 JN</b>	<b>0.015 J</b>	R	0.002 UJ	<b>0.0029 JN</b>
Beta-BHC	0.072	14	<b>0.0059 JN</b>	0.0019 UJ	0.0024 UJ	0.0023 UJ	0.002 UJ	0.002 UJ	0.002 U
Chlordane, trans-	NE	NE	0.0024 U	0.0019 UJ	<b>0.0065 JN</b>	<b>0.0033 JN</b>	<b>0.0036 JN</b>	0.002 UJ	<b>0.0026 J</b>
DDD,4,4-	2.6	180	0.0046 UJ	R	R	0.0044 UJ	0.0038 UJ	R	<b>0.0057 JN</b>
DDE,4,4-	1.8	120	<b>0.0081 JN</b>	0.0038 UJ	0.0046 UJ	<b>0.027 JN</b>	<b>0.011 JN</b>	0.0039 UJ	<b>0.016 JN</b>
DDT,4,4-	1.7	94	0.0046 UJ	R	R	R	0.0038 UJ	R	<b>0.03 J</b>
Delta-BHC	100	1,000	<b>0.015 JN</b>	0.0019 UJ	0.0024 UJ	0.0023 UJ	0.002 UJ	0.002 UJ	0.002 U
Dieldrin	0.039	2.8	<b>0.0064 J</b>	0.0038 UJ	<b>0.013 J</b>	0.0044 UJ	0.0038 UJ	0.0039 UJ	<b>0.0066</b>
Endosulfan sulfate	4.8	920	0.0046 U	0.0038 UJ	0.0046 UJ	0.0044 UJ	<b>0.00076 J</b>	0.0039 UJ	0.004 U
Heptachlor	0.42	29	<b>0.0025 JN</b>	0.0019 UJ	0.0024 UJ	0.0023 UJ	0.002 UJ	0.002 UJ	0.002 U
Heptachlor epoxide	NE	NE	0.0024 U	0.0019 UJ	0.0024 UJ	0.0023 UJ	0.002 UJ	0.002 UJ	<b>0.0018 J</b>
Methoxychlor	NE	NE	<b>0.02 J</b>	R	0.024 UJ	R	R	R	0.02 UJ
<b>Herbicides (mg/kg)</b>									
Silvex	58	1,000	0.027 U	0.026 U	0.027 U	0.031 U	0.027 U	<b>0.0094 J</b>	0.0045 U
<b>Total Metals (mg/kg)</b>									
Aluminum	NE	NE	<b>4330</b>	<b>16700</b>	<b>6320</b>	<b>8240</b>	<b>5770</b>	<b>19500</b>	<b>8790</b>
Arsenic	16	16	<b>4.3 J</b>	<b>4.3</b>	<b>7.8</b>	<b>5.4</b>	<b>6.3</b>	<b>5.3</b>	<b>4.3 J</b>
Barium	350	10,000	<b>20.1 J</b>	<b>35.8 J</b>	<b>27.6 J</b>	<b>27.6 J</b>	<b>36.9 J</b>	<b>40.5 J</b>	<b>37.1</b>
Beryllium	14	2700	2.9 U	2.1 U	2.7 U	3 U	2.2 U	2.5 U	<b>0.39 J</b>
Calcium	NE	NE	<b>2950</b>	<b>1050</b>	<b>4830</b>	<b>81000</b>	<b>87700</b>	<b>1250</b>	<b>10700 J</b>
Chromium	NE	NE	<b>6.4</b>	<b>16.6</b>	<b>15.2</b>	<b>10</b>	<b>8.8</b>	<b>20.4</b>	<b>12.1</b>
Cobalt	NE	NE	<b>1.3 J</b>	<b>4.4 J</b>	<b>3.3 J</b>	<b>2.4 J</b>	<b>3.4 J</b>	<b>6.3 J</b>	<b>2.7 J</b>
Copper	270	10,000	<b>7.3</b>	<b>5.9</b>	<b>18.5</b>	<b>24.3</b>	<b>16.6</b>	<b>6.1 J</b>	<b>15.9</b>



**Table 4**  
**Surface Soil Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Name: Sample Depth : Sample Date:	RESIDENTIAL SCO	INDUSTRIAL SCO	PFH-SS-01 (0-2 in.) 12/17/2007	PFH-SS-02 (0-2 in.) 12/17/2007	PFH-SS-03 (0-2in.) 12/17/2007	PFH-SS-04 (0-2in.) 12/17/2007	PFH-SS-05 (0-2in.) 12/17/2007	PFH-SS-06 (0-2in.) 12/17/2007	PFH-SS-07 (0-2in.) 2/18/2009
Iron	NE	NE	<b>9470</b>	<b>18500</b>	<b>55400</b>	<b>12900</b>	<b>11000</b>	<b>21100</b>	<b>11500</b>
Lead	400	3900	<b>20.6</b>	<b>9.5</b>	<b>224</b>	<b>88.7</b>	<b>37.8</b>	<b>11</b>	<b>68.9</b>
Magnesium	NE	NE	<b>735 J</b>	<b>2020 J</b>	<b>1430 J</b>	<b>26200 J</b>	<b>9840 J</b>	<b>2150 J</b>	<b>6420 J</b>
Manganese	2,000	10,000	<b>75.9 J</b>	<b>171 J</b>	<b>336 J</b>	<b>228 J</b>	<b>436 J</b>	<b>220 J</b>	<b>162</b>
Mercury	0.81	5.7	<b>0.029</b>	0.054 U	<b>0.038</b>	<b>1.4</b>	<b>0.056</b>	<b>0.048</b>	<b>0.11</b>
Nickel	140	10,000	<b>3.4 J</b>	<b>9.2</b>	<b>7.9 J</b>	<b>7.1 J</b>	<b>9 J</b>	<b>11.3</b>	<b>7.5</b>
Potassium	NE	NE	<b>550 J</b>	<b>1130 J</b>	<b>785 J</b>	<b>1050 J</b>	<b>1020 J</b>	<b>1390 J</b>	<b>521</b>
Selenium	36	6800	<b>2.6 J</b>	<b>2.2 J</b>	<b>3.9 J</b>	14.8 U	11.1 U	12.4 U	14.9 U
Sodium	NE	NE	<b>63.1 J</b>	<b>44.7 J</b>	<b>52.7 J</b>	<b>101 J</b>	<b>116 J</b>	<b>64.2 J</b>	299 U
Vanadium	NE	NE	<b>8.8 J</b>	<b>28</b>	<b>14.3</b>	<b>20.9</b>	<b>15.7</b>	<b>33.7</b>	<b>19.9</b>
Zinc	2,200	10,000	<b>26.8</b>	<b>24.7</b>	<b>72.3</b>	<b>85</b>	<b>41.8</b>	<b>26.3</b>	<b>104</b>
<b>Sulfide and Sulfate (mg/kg)</b>									
Acid Soluble Sulfide	NE	NE	21 U	17.6 U	22.3 U	19.4 U	18 U	17.1 U	<b>18.7</b>
Sulfate	NE	NE	<b>49.7</b>	<b>33.3</b>	<b>56.5</b>	<b>16.7</b>	<b>27</b>	<b>15.4</b>	12.4 U

**Notes:**

**Only detected analytes are shown**

mg/kg - milligrams/kilogram or parts per million (ppm)

BTEX - benzene, toluene, ethylbenzene, and xylenes

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

PCBs - polychlorinated biphenyls

Total BTEX, Total VOCs, Total PAHs, and Total PCBs are calculated using detects only.

6 NYCRR -New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York

RESIDENTIAL SCOs - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Residential Soil Cleanup Objectives (SCOs)

INDUSTRIAL SCO- regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Industrial Soil Cleanup Objectives

In the absence of Residential SCOs, results were considered against relevant SCGs.

NE- not established

ND - not detected; total concentration is listed as ND because no compounds were detected in the group

**Bolding indicates a detected concentration**

**Validation Qualifiers:**

J - estimated value

JN - analyte is presumptively present at an approximated quantity

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

R - rejected



**Table 5**  
**Subsurface Soil Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Name: Sample Depth (ft.) Sample Date:	RESIDENTIAL SCO	INDUSTRIAL SCO	PFH-GP-01 (0.5-1) 12/10/2007	PFH-GP-01 (25-27) 12/10/2007	PFH-GP-02 (1-1.25) 12/11/2007	PFH-GP-02 (23.5-25) 12/11/2007	PFH-GP-03 (2-2.25) 12/11/2007	PFH-GP-03 (23.5-25) 12/12/2007	Duplicate of PFH-GP-03 (23.5-25) 12/12/2007
<b>BTEX (mg/kg)</b>									
Total BTEX	NE	NE	ND	ND	ND	ND	ND	ND	ND
<b>Other VOCs (mg/kg)</b>									
Butanone, 2-	100	1,000	0.015	0.011 U	0.011 U	0.011 U	0.01 U	0.011 U	0.011 U
Styrene	NE	NE	0.0062 U	0.0055 U	0.0016 J	0.0053 U	0.0051 U	0.0055 U	0.0054 U
Total VOCs	NE	NE	0.015	ND	0.0016	ND	ND	ND	ND
<b>PAHs (mg/kg)</b>									
Benzo[a]pyrene	1	1.1	0.41 U	0.36 U	0.37 U	0.34 U	0.33 U	0.36 U	0.35 U
Benzo[g,h,i]perylene	100	1,000	0.41 U	0.36 U	0.37 U	0.34 U	0.33 U	0.36 U	0.35 U
Indeno[1,2,3-cd]pyrene	0.5	11	0.41 U	0.36 U	0.37 U	0.34 U	0.33 U	0.36 U	0.35 U
Total PAHs	NE	NE	ND	ND	ND	ND	ND	ND	ND
<b>PCBs (mg/kg)</b>									
Total PCBs	1	25	ND	ND	ND	ND	ND	ND	ND
<b>Pesticides (mg/kg)</b>									
Chlordane, trans-	NE	NE	0.0021 U	0.0019 U	0.0019 U	0.0018 U	0.0017 U	0.00011 J	0.0018 U
DDE,4,4-	1.8	120	0.039	0.00079 J	0.0038 U	0.0035 U	0.0034 U	0.0036 U	0.0035 U
Delta-BHC	100	1,000	0.0021 U	0.0019 U	0.0019 U	0.0006 J	0.0017 U	0.0018 U	0.0018 U
<b>Herbicides (mg/kg)</b>									
Total Herbicides	NE	NE	ND	ND	ND	ND	ND	ND	ND
<b>Total Metals (mg/kg)</b>									
Aluminum	NE	NE	18100	595	10800	621	994	629	522
Arsenic	16	16	4.7	8.5 U	3.2	8.5 U	1.9 J	9.1 U	2.1 J
Barium	350	10,000	40.4 J	2.9 J	20.7 J	5.6 J	3.4 J	1.9 J	2.5 J
Beryllium	14	2700	3 U	2.1 U	2 U	2.1 U	1.7 U	2.3 U	2.5 U
Calcium	NE	NE	2510	29.6 J	173 J	34.6 J	73.9 J	99.5 J	22.5 J
Chromium	NE	NE	21.1 J	1.7 J	13.9 J	1.8 J	2.1 J	1.3 J	2.4 J
Cobalt	NE	NE	7.2 J	2.1 U	5.2 J	2.1 U	1.3 J	2.3 U	2.5 U
Copper	270	10,000	9.1 J	0.84 J	5 J	0.81 J	1.5 J	0.86 J	0.8 J
Iron	NE	NE	19700 J	1290 J	12300 J	1280 J	2660 J	1130 J	4070 J
Lead	400	3900	20 J	5.3 U	5.5 J	1.6 J	1.1 J	5.7 U	6.2 U
Magnesium	NE	NE	2530 J	106 J	1600 J	128 J	211 J	75.5 J	58.4 J
Manganese	2,000	10,000	235 J	77.1 J	146 J	32.1 J	85 J	18.5 J	42.6 J
Mercury	0.81	5.7	0.11 J	0.052 U	0.053 U	0.050 U	0.045 U	0.049 U	0.051 U
Nickel	140	10,000	12.2	0.82 J	8.4	1.2 J	1.4 J	0.84 J	0.9 J
Potassium	NE	NE	1300 J	62.6 J	323 J	70.6 J	88.4 J	48.8 J	47.3 J
Vanadium	NE	NE	32.4	1.6 J	19.1	1.5 J	2.1 J	1.4 J	3.8 J
Zinc	2,200	10,000	36.6	11.1 J	28.7	4.6 J	3.1 J	4.9 J	7.5 J
<b>Sulfate and Sulfide (mg/kg)</b>									
Sulfide	NE	NE	19.8 U	17.4 U	18.5 U	21.6 U	15.9 U	16.5 U	16.3 U
Sulfate	NE	NE	12.2 U	10.9 U	96	10.5 U	10.2 U	10.9 U	10.5 U

**Table 5**  
**Subsurface Soil Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Name: Sample Depth (ft.) Sample Date:	RESIDENTIAL SCO	INDUSTRIAL SCO	PFH-GP-04 (2.5-3) 12/12/2007	PFH-GP-04 (25-26) 12/12/2007	PFH-GP-05 (0.75-1.75) 12/10/2007	PFH-GP-05 (25-26.5) 12/11/2007	PFH-GP-06 (1-4) 2/18/2009	Duplicate of PFH-GP-06 (1-4) 2/18/2009	PFH-GP-06 (18-20) 2/18/2009
<b>BTEX (mg/kg)</b>									
Total BTEX	NE	NE	ND	ND	ND	ND	ND	ND	ND
<b>Other VOCs (mg/kg)</b>									
Butanone, 2-	100	1,000	0.01 U	0.011 U	0.012 U	0.011 U	0.011 U	0.011 U	0.011 U
Styrene	NE	NE	0.0051 U	0.0057 U	<b>0.0017 J</b>	0.0054 U	0.0054 U	0.0053 U	0.0055 U
Total VOCs	NE	NE	ND	ND	<b>0.0017</b>	ND	ND	ND	ND
<b>PAHs (mg/kg)</b>									
Benzo[a]pyrene	1	1.1	0.33 U	0.37 U	0.39 U	0.35 U	<b>0.29 J</b>	<b>0.27 J</b>	0.3 U
Benzo[g,h,i]perylene	100	1,000	0.33 U	0.37 U	0.39 U	0.35 U	<b>0.083 J</b>	<b>0.081 J</b>	0.3 U
Indeno[1,2,3-cd]pyrene	0.5	11	0.33 U	0.37 U	0.39 U	0.35 U	<b>0.1 J</b>	<b>0.096 J</b>	0.3 U
Total PAHs	NE	NE	ND	ND	ND	ND	<b>0.473</b>	<b>0.447</b>	ND
<b>PCBs (mg/kg)</b>									
Total PCBs	1	25	ND	ND	ND	ND	ND	ND	ND
<b>Pesticides (mg/kg)</b>									
Chlordane, trans-	NE	NE	0.0017 U	0.0019 U	0.002 U	0.0018 U	0.0018 U	0.0018 U	0.0019 U
DDE,4,4-	1.8	120	0.0033 U	0.0037 U	0.0039 U	0.0036 U	0.0035 U	<b>0.0011 JN</b>	0.0036 U
Delta-BHC	100	1,000	0.0017 U	0.0019 U	0.002 U	0.0018 U	0.0018 U	0.0018 U	0.0019 U
<b>Herbicides (mg/kg)</b>									
Total Herbicides	NE	NE	ND	ND	ND	ND	ND	ND	ND
<b>Total Metals (mg/kg)</b>									
Aluminum	NE	NE	<b>1440</b>	<b>743</b>	<b>19100</b>	<b>533</b>	<b>4950</b>	<b>3300</b>	<b>1440</b>
Arsenic	16	16	9 U	10.9 U	<b>6.5</b>	7.4 U	<b>2.4 J</b>	<b>1.7 J</b>	6.5 U
Barium	350	10,000	<b>3.8 J</b>	<b>2.6 J</b>	<b>37.8 J</b>	<b>3.1 J</b>	<b>9.4</b>	<b>7.4</b>	<b>5.2</b>
Beryllium	14	2700	2.3 U	2.7 U	<b>0.59 J</b>	1.8 U	2.7 U	2.4 U	2.6 U
Calcium	NE	NE	<b>57.1 J</b>	<b>26.7 J</b>	<b>221 J</b>	<b>34.9 J</b>	<b>424 J</b>	237 UJ	261 UJ
Chromium	NE	NE	<b>3.4 J</b>	<b>1.7 J</b>	<b>21.6 J</b>	<b>4.4 J</b>	<b>5.9</b>	<b>4.5</b>	<b>3.5</b>
Cobalt	NE	NE	<b>1.3 J</b>	2.7 U	<b>8.7 J</b>	<b>0.69 J</b>	<b>1.8 J</b>	<b>1.4 J</b>	<b>0.57 J</b>
Copper	270	10,000	<b>2.2 J</b>	<b>0.74 J</b>	<b>8.8 J</b>	<b>0.73 J</b>	<b>4.2</b>	<b>2.7</b>	<b>1.7 J</b>
Iron	NE	NE	<b>4350 J</b>	<b>1890 J</b>	<b>20900 J</b>	<b>1330 J</b>	<b>5580</b>	<b>4240</b>	<b>2970</b>
Lead	400	3900	<b>4.6 J</b>	6.8 U	<b>12 J</b>	4.6 U	<b>19.6</b>	<b>13</b>	6.5 U
Magnesium	NE	NE	<b>290 J</b>	<b>150 J</b>	<b>2750 J</b>	<b>120 J</b>	<b>778 J</b>	<b>489 J</b>	<b>499 J</b>
Manganese	2,000	10,000	<b>89.2 J</b>	<b>41.8 J</b>	<b>242 J</b>	<b>23.5 J</b>	<b>64.5</b>	<b>53.9</b>	<b>80.9</b>
Mercury	0.81	5.7	0.047 U	0.056 U	0.055 U	0.052 U	0.049 U	0.051 U	0.054 U
Nickel	140	10,000	<b>1.9 J</b>	<b>1.1 J</b>	<b>13.8</b>	<b>0.95 J</b>	<b>4.2</b>	<b>3.2</b>	<b>1.4 J</b>
Potassium	NE	NE	<b>85.6 J</b>	<b>46.1 J</b>	<b>618 J</b>	<b>83.1 J</b>	<b>131 J</b>	<b>119</b>	<b>223</b>
Vanadium	NE	NE	<b>3.6 J</b>	<b>1.6 J</b>	<b>32.5</b>	<b>1.8 J</b>	<b>7.8</b>	<b>5.2</b>	<b>5.2</b>
Zinc	2,200	10,000	<b>4.8 J</b>	27.4 U	<b>35.2</b>	<b>2.2 J</b>	<b>14.1</b>	<b>8.9</b>	<b>5.3 J</b>
<b>Sulfate and Sulfide (mg/kg)</b>									
Sulfide	NE	NE	14.3 U	20.1 U	18.6 U	17 U	<b>16.7</b>	15.3 U	16.1 U
Sulfate	NE	NE	10.8 U	11.4 U	<b>237</b>	10.7 U	10.8 U	10.6 U	11.1 U

**Table 5**  
**Subsurface Soil Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

**Notes:**

**Only detected values are shown on the table**

mg/kg - milligrams/kilogram or parts per million (ppm)

BTEX - benzene, toluene, ethylbenzene, and xylenes

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

SVOCs - semivolatile organic compounds

PCBs - Polychlorinated Biphenyls

Total BTEX, Total PAHs, and Total PCBs are calculated using detects only.

6 NYCRR -New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York

RESIDENTIAL SCOs - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Residential Soil Cleanup Objectives (SCOs)

INDUSTRIAL SCOs - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Industrial Soil Cleanup Objectives (SCOs)

In the absence of Residential SCOs, results were considered against relevant SCGs.

NE- not established

ND - not detected; total concentration is listed as ND because no compounds were detected in the group

**Bolding indicates a detected concentration**

**Validation Qualifiers:**

J - estimated value

JN - analyte is presumptively present at an approximated quantity

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

R - rejected

**Table 6**  
**Groundwater Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Name: Sample Date:	NYS SCGs	PFH-MW-01 12/17/2007	PFH-MW-02 12/17/2007	PFH-MW-03 12/17/2007	PFH-MW-04 12/17/2007	PFH-MW-05 12/17/2007	Duplicate of PFH-MW-05 12/17/2007	PFH-GW-06 3/24/2009	Duplicate of PFH-GW-06 3/24/2009	PFH-GW-07 3/24/2009
<b>BTEX (ug/l)</b>										
Benzene	1	5 U	5 U	5 U	0.31 J	5 U	5 U	5 U	5 U	5 U
Total BTEX	NE	ND	ND	ND	0.31	ND	ND	ND	ND	ND
<b>Other VOCs (ug/l)</b>										
Acetone	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butanone, 2-	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	5 U	5 U	5 U	5 U	5 U	0.42 J	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total VOCs	NE	ND	ND	ND	0.31	ND	0.42	ND	ND	ND
<b>PAHs (ug/l)</b>										
Total PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>PCBs (ug/l)</b>										
Total PCBs	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Pesticides (ug/l)</b>										
Delta-BHC	0.04	0.053 U	0.05 U	0.0051 J	0.05 U	0.05 U	0.05 U	0.052 U	0.052 U	0.05 U
<b>Herbicides (ug/L)</b>										
D,2,4'-	50	4 U	4 U	4 U	4 U	4 U	4 U	37	4 UJ	4 UJ
Silvex	NE	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ
T,2,4,5-	35	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
<b>Total Metals (ug/l)</b>										
Aluminum	NE	500 UJ	88 J	500 U	340	150 J	130 J	520 J	320 J	1100
Barium	1000	62 J	43 J	35 J	58 J	38 J	36 J	29	28	58
Calcium	NE	19500	29300	27900	30500	27200	26200	25900	26000	26700
Chromium	50	10 U	3.2 J	2.8 J	25	9.5 J	9.5 J	5 U	0.6 J	5.4
Cobalt	NE	10 U	3 J	2.3 J	3.9 J	10 U	2.4 J	6	6	1.8 J
Copper	200	10 U	10 U	10 U	6.4 J	10 U	10 U	5 U	6.2 U	5.6 U
Iron	300	160	250	240	990	680	740	3000	2900	1700
Lead	25	10 U	10 U	10 U	10 U	10 U	10 U	15 U	15 U	15 U
Magnesium	35000*	3500 J	6600	5200	6500	5400	5300	5300	5300	7300
Manganese	300	39	140	110	310	420	410	370	370	2400
Nickel	100	10 U	3.5 J	4.6 J	40	10 J	10 J	5 U	5 U	2 J
Potassium	NE	6100	6300	3600 J	6500	3900 J	3700 J	4000	4200	5300
Silver	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.34 J
Sodium	20000	29400	47900	33900	47000	28900	28100	32400	34100	40500
Thallium	0.5*	40 U	40 U	40 U	40 U	9.1 J	40 U	15 U	6.9 J	3.7 J
Vanadium	NE	5 U	1.1 J	5 U	5 U	5 U	5 U	1.4 J	5 U	3.1 J
Zinc	2000*	49 J	14 J	35 J	15 J	20 J	22 J	25 U	6.1 J	14 J
<b>Other (ug/l)</b>										
Sulfate	250000	22600	18600	17800	17100	15900	16300	16800	16700	21300

**Table 6**  
**Groundwater Analytical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

**Notes:**

**Only the detected compounds are provided on the table**

ug/L - micrograms per liter or parts per billion (ppb)

BTEX - benzene, toluene, ethylbenzene, and xylenes

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

PCBs - polychlorinated biphenyls

NYS SCGs - New York State Ambient Water Quality Standards and Guidance Values for GA groundwater

\* indicates the value is a guidance value and not a standard

NE- not established

ND - not detected; total concentration is listed as ND because no compounds were detected in the group

**Bolding indicates a detected concentration**

**Shading and bolding indicates that the detected concentration is above the NYS SCGs.**

**Validation Qualifiers:**

J - estimated value

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

**Table 7**  
**Soil Vapor and Ambient Air Analytical Results**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Sample Matrix: Sample Name: Sample Date:	NYSDOH Background Outdoor Air Concentrations 95th Percentile <sup>1</sup>	Soil Vapor PFH-SV-01 12/18/2007	Soil Vapor PFH-SV-02 12/18/2007	Soil Vapor PFH-SV-03 12/18/2007	Soil Vapor PFH-SV-04 12/18/2007	Soil Vapor PFH-SV-05 12/18/2007	Soil Vapor PFH-SV-06 2/24/2009	Duplicate Soil Vapor PFH-SV-06 2/24/2009	Outdoor Air PFH-OA-01 2/24/2009
<b>BTEX (ug/m3)</b>									
Benzene	5.8	0.932 J	3.19 J	2.74	3.31	6.92 J	1.7	1.7	0.12 J
Toluene	21	4.7 J	2.44 J	1.38	5.76	9.46 J	17	17	0.3 U
Ethylbenzene	1.9	2.36 J	2.42 J	0.364 J	2.69	1.04 J	2.7	2.5	0.35 U
Xylene, m,p-	3.1	5.09 J	7.01 J	1.29	5.41	2.53 J	7.1	6.8	0.35 U
Xylene, o-	2.5	1.48 J	2.5 J	1.68	2.38	2.24 J	2.7	2.4	0.35 U
<b>Other VOCs (ug/m3)</b>									
Acetone	58	0.475 U	0.475 U	0.475 U	0.475 U	117 J	8.2 J	15 J	4.3 J
Acrolein (propenal)	NE	1.14 U	1.14 U	1.14 U	1.14 U	1.14 U	0.41 J	0.6 J	0.25 J
Butadiene, 1,3-	NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.35 U	0.35 U	0.069 J
Butane	NE	10.1 J	27.8 J	9.74	1.68	14.6 J	5.7	5.4	0.83
Butanone, 2-	17	0.722 J	3.13 J	0.312 J	0.739	68 J	1.3	1.8	0.39 J
Carbon disulfide	NE	13.3 J	1.83 J	23.2	10.6	0.622 U	0.23 J	0.18 J	0.058 J
Carbon tetrachloride	1	0.404 J	0.578 J	1.26 U	1.26 U	0.512 J	0.28 J	0.26 J	0.21 J
Chloroethane	0.4	0.527 U	0.527 U	0.527 U	0.527 U	0.527 U	0.047 J	0.21 U	0.21 U
Chloroform	0.5	0.976 U	2.09 J	39	15	0.976 U	0.33 J	0.31 J	0.39 U
Chloromethane	4.6	0.287 J	0.413 U	0.319 J	0.413 U	0.413 U	0.3 J	0.41 U	1
Cryofluorane	1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	0.096 J	0.099 J	0.1 J
Cyclohexane	3	1.81 J	5.53 J	1.35	0.403 J	2.3 J	0.38 J	0.39 J	0.69 U
Decane, n-	3.6	0.378 J	1.52 J	0.427 J	84.3	1.58 J	0.98 J	0.49 J	2.3 U
Dibromochloromethane	NE	1.7 U	0.538 J	0.654 J	0.72 J	1.7 U	0.68 U	0.68 U	0.68 U
Dichlorobenzene, 1,4-	0.8	1.2 U	1.2 U	1.2 U	1.2 U	0.316 J	0.48 U	0.48 U	0.48 U
Dichlorodifluoromethane	11	3.13 J	3.54 J	1.92	2.82	1.94 J	1.8	1.6	2.3
Dodecane, n-	7.6	3.48 U	2.41 J	2.97 J	3.88	3.11 J	2.8 U	2.8 U	2.8 U
Ethyltoluene, p-	NE	0.982 U	0.982 U	0.982 U	0.982 U	0.982 U	0.5 J	0.27 J	0.79 U
Heptane, n-	5.1	0.209 J	1.88 J	0.819 UJ	0.862	8.27 J	0.4 J	0.54 J	0.82 U
Hexane, n-	3.6	3.71 J	7.04 J	2.9	2.36	15.2 J	0.54 J	0.52 J	0.7 U
Hexanone, 2-	NE	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.24 J	0.32 J	0.82 U
Methyl tert-butyl ether	5.9	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.57 J	0.53 J	1.4 U
Methyl-2-pentanone, 4-	2.9	0.819 U	0.819 U	0.819 U	0.819 U	0.819 U	0.31 J	0.32 J	0.82 U
Nonane	1.2	0.364 J	1.05 U	1.05 U	1.78	1.48 J	0.28 J	0.18 J	1 U
Octane, n-	2.1	1.81 J	63.5 J	0.934 U	53.8	281 J	0.26 J	0.27 J	0.75 U
Pentane	NE	8.3 J	25.2 J	8.26	1.6	23.9 J	0.57 J	0.53 J	0.28 J
Propanol, 2-	NE	0.491 U	0.491 U	0.491 U	0.491 U	0.491 U	0.44 J	0.61 J	0.26 J
Styrene	0.6	0.851 U	0.338 J	0.851 U	0.851 U	1.54 J	0.34 U	0.34 U	0.34 U
t-Butyl alcohol	NE	0.606 U	0.606 U	0.606 U	0.606 U	0.606 U	0.31 J	0.29 J	2.4 U
Tetrachloroethane, 1,1,2,2-	0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	0.4 J	0.55 U	0.55 U
Tetrachloroethene	1.6	16.5 J	18 J	21.8	12	5.61 J	2	2	0.54 U
Tetramethylbenzene, 1,2,4,5-	NE	1.1 U	1.1 U	0.784 J	0.432 J	1.08 J	ND	ND	ND
Trichloro-1,2,2-trifluoroethane, 1,1,2-	3.6	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	0.49 J	0.48 J	0.43 J
Trichloroethane, 1,1,1-	0.7	0.568 J	0.425 J	0.957 J	0.68 J	0.595 J	0.067 J	0.44 U	0.44 U
Trichloroethene	0.5	0.642 J	0.374 J	2.46	1.07 U	1.07 U	0.71 J	0.2 J	0.21 U
Trichlorofluoromethane	6.1	2.97 J	3.08 J	2.99	2.42	4.39 J	1	1	1.1
Trimethylbenzene, 1,2,4-	2.5	0.982 U	0.864 J	0.365 J	1.36	1.03 J	0.8	0.45	0.39 U
Trimethylbenzene, 1,3,5-	1	0.982 U	0.982 U	0.982 U	0.844 J	0.49 J	0.18 J	0.39 U	0.39 U
Trimethylbenzene, 1,2,3-	0.6	0.983 U	0.27 J	0.539 J	1.28	0.983 U	0.42 J	0.39 UJ	0.39 UJ
Trimethylpentane, 2,2,4-	2	3.13 J	15 J	3.05	0.934 U	6.89 J	0.2 J	0.19 J	0.93 U
Undecane, n-	2.3	1.28 U	1.28 U	0.752 J	1.81	0.718 J	0.3 J	2.6 U	2.6 U

**Table 7**  
**Soil Vapor and Ambient Air Analytical Results**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

**Notes:**

**Only detected analytes are shown**

ug/m<sup>3</sup> - micrograms per cubic meter

BTEX - benzene, toluene, ethylbenzene, and xylenes

VOCs - volatile organic compounds

NYSDOH - New York State Department of Health

<sup>1</sup> Source: NYSDOH, October 2006. Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes reported in various locations within sampled homes in NYS, 1997-2003. Background values for naphthalene are from the NYSDOH 1997 Control Home Database presented in Table C3 of the NYSDOH 2006 Guidance.

NE- not established

ND - not detected

**Bolding indicates a detected concentration**

**Validation Qualifiers:**

J - estimated value

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated



**Table 8**  
**Soil Analytical Data Statistical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

	RESIDENTIAL SCO	INDUSTRIAL SCO	Number of Samples Analyzed	Number of Detections	Exceedence of RESIDENTIAL SCO	EXCEEDENCE OF INDUSTRIAL SCO	Minimum Concentration of Detections in Analyzed Samples (mg/kg)	Average Concentration of Detections in Analyzed Samples (mg/kg)	Maximum Concentration of Detections in Analyzed Samples (mg/kg)
<b>Constituents</b>									
<b>BTEX (mg/kg)</b>									
Toluene	100	1,000	16	3	0	0	0.0014	0.0024	0.0043
Xylene, Total	100	1,000	16	1	0	0	0.0037	0.0037	0.0037
<b>Other VOCs (mg/kg)</b>									
Butanone, 2-	100	1,000	16	2	0	0	0.0059	0.01045	0.015
Styrene	NE	NE	16	2	0	0	0.0016	0.00165	0.0017
Carbon disulfide	NE	NE	16	2	0	0	0.0015	0.01075	0.02
<b>PAHs (mg/kg)</b>									
Anthracene	100	1,000	16	1	0	0	0.18	0.18	0.18
Benz[a]anthracene	1	11	16	3	0	0	0.082	0.311	0.54
Benzo[b]fluoranthene	1	11	16	3	0	0	0.12	0.37	0.62
Benzo[k]fluoranthene	1	110	16	1	0	0	0.24	0.24	0.24
Benzo[g,h,i]perylene	100	1,000	16	1	0	0	0.28	0.28	0.28
Benzo[a]pyrene	1	1.1	16	3	0	0	0.081	0.2705	0.46
Chrysene	1	110	16	3	0	0	0.1	0.345	0.59
Dibenz[a,h]anthracene	0.33	1.1	16	1	0	0	0.068	0.068	0.068
Fluoranthene	100	1,000	16	3	0	0	0.13	0.715	1.3
Fluorene	100	1,000	16	1	0	0	0.065	0.065	0.065
Indeno[1,2,3-cd]pyrene	0.5	11	16	1	0	0	0.32	0.32	0.32
Phenanthrene	100	1,000	16	2	0	0	0.27	0.59	0.91
Pyrene	100	1,000	16	2	0	0	0.643	3.578	6.513
<b>PCBs (mg/kg)</b>									
Aroclor 1248	NE	NE	16	1	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.024	0.024	0.024
Aroclor 1254	NE	NE	16	4	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.0098	0.0369	0.064
Aroclor 1260	NE	NE	16	3	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.026	0.153	0.28
Total PCBs	1	25	16	4	0	0	0.0098	0.0594	0.109
<b>Pesticides (mg/kg)</b>									
Alpha-chlordane	0.91	47	16	3	0	0	0.0025	0.00875	0.015
Beta-BHC	0.072	14	16	1	0	0	0.0059	0.0059	0.0059
Chlordane, trans-	NE	NE	16	4	0	0	0.0033	0.0049	0.0065
DDE, 4,4-	1.8	120	16	6	0	0	0.0081	0.02355	0.039
Delta-BHC	100	1,000	16	2	0	0	0.006	0.0105	0.015
Dieldrin	0.039	2.8	16	2	0	0	0.0064	0.0097	0.013
Endosulfan sulfate	4.8	920	16	1	0	0	0.00076	0.00076	0.00076
Heptachlor	0.42	29	16	1	0	0	0.02	0.02	0.02
Methoxychlor	NE	NE	16	1	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.02	0.02	0.02
<b>Metals (mg/kg)</b>									
Aluminum	NE	NE	16	14	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	151	882.8571429	1920
Barium	350	10,000	16	16	0	0	0.58	2.885294118	8.5
Calcium	NE	NE	16	6	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	320	554.5	796
Chromium	NE	NE	16	11	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.54	2.027272727	6.5
Cobalt	NE	NE	16	1	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.69	0.69	0.69
Copper	270	10,000	16	9	0	0	0.52	2.297777778	10.3
Iron	NE	NE	16	16	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	17.1	264.3941176	1720
Lead	400	3900	16	7	0	0	1.1	18.92866667	224
Magnesium	NE	NE	16	15	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	12.8	77.86	331
Manganese	2000	10,000	16	13	0	0	0.93	6.961538462	15.1
Mercury	0.81	5.7	16	6	1	0	0.029	0.7145	1.4
Potassium	NE	NE	16	1	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	57.5	57.5	57.5
Sodium	NE	NE	16	1	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	34	34	34
Selenium	36	6800	16	3	0	0	2.2	3.05	3.9
Vanadium	NE	NE	16	10	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	0.42	0.896	2.3
Zinc	2200	10,000	16	5	0	0	2.8	14.34	28.1
<b>Other (mg/kg)</b>									
Sulfate	NE	NE	16	16	No established 6NYCRR SCO UNREST	No established 6NYCRR SCO IND	2.6	20.97058824	270

**Notes:**

RESIDENTIAL SCO– Chapter IV, Subpart 375-6: Remedial Program Soil Cleanup Objectives (Residential Use)

INDUSTRIAL SCO– Chapter IV, Subpart 375-6: Remedial Program Soil Cleanup Objectives (Industrial Use)

In the absence of Residential SCOs, results were considered against relevant SCGs.

NE - not established

mg/kg - milligrams/kilogram or parts per million (ppm)

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

SVOCs - semivolatile organic compounds

PCBs - Polychlorinated Biphenyls



**Table 9**  
**Groundwater Analytical Data Statistical Summary**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

Constituents	NYS SCGs	Number of Samples Analyzed	Number of Detections	Number of Samples with Detected Results Greater than NYS SCGs	Minimum Concentration of Detections in Analyzed Samples (ug/L)	Average Concentration of Detections in Analyzed Samples (ug/L)	Maximum Concentration of Detections in Analyzed Samples (ug/L)
<b>BTEX</b>							
Benzene	1	7	1	0	0.31	0.31	0.31
<b>Other VOCs</b>							
Methylene Chloride	5	7	1	0	0.42	0.42	0.42
<b>Total Metals</b>							
Aluminum	NE	7	3	No established NYS SCGs	88	214	340
Barium	1000	7	6	0	35	48.5	62
Calcium	NE	7	6	No established NYS SCGs	19500	25000	30500
Chromium	50	7	5	0	2.8	13.9	25
Cobalt	NE	7	3	No established NYS SCGs	2.3	3.1	3.9
Copper	200	7	1	0	6.4	6.4	6.4
Iron	300	7	6	4	160	575	990
Magnesium	35000	7	6	0	3500	5050	6600
Manganese	300	7	6	4	39	224.5	410
Nickel	100	7	5	0	3.5	21.75	40
Potassium	NE	7	6	No established NYS SCGs	3900	5200	6500
Sodium	20000	7	6	7	28900	38400	47900
Thallium	0.5	7	2	2	9.1	9.1	9.1
Vanadium	NE	7	1	No established NYS SCGs	1.1	1.1	1.1
Zinc	2000	7	6	0	15	21.5	28
<b>Other</b>							
Sulfate	250,000	7	6	0	15,900	19250	22,600

**Notes:**

NYS SCGs - New York State Ambient Water Quality Standards and Guidance Values for GA Groundwater (Drinking Water)

NE - not established

ug/L - micrograms/liter or parts per billion (ppb)

SVOCs - semivolatile organic compounds

**Table 10**  
**Typical Background Concentrations of Metals in Soil**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

<b>Metals</b>	<b>Background Levels - Eastern USA (mg/kg)</b>
Aluminum	0.07 - > 10
Antimony	NE
Arsenic	< 0.1 - 73
Barium	10 - 1,500
Beryllium	< 1 - 7
Cadmium	NE
Calcium	0.01 - 28
Chromium	1 - 1,000
Cobalt	< 0.3 - 70
Copper	< 1 - 700
Iron	0.01 - >10
Lead	> 10 - 300
Magnesium	0.005 - 5
Manganese	< 2 - 7,000
Mercury	0.01 - 3.4
Nickel	< 5 - 700
Potassium	0.005 - 3.7
Selenium	< 0.01 - 3.9
Silver	NE
Sodium	<0.05 - 5
Thallium	NE
Vanadium	<7 - 300
Zinc	< 5 - 2,900

**Notes:**

NE - Not established

mg/kg - milligrams per kilogram

From: H.T. Shacklette and J.G. Boerngen, USGS Professional Paper 1270, 1984

**Table 11**  
**Fish and Wildlife Resources Impact Analysis Decision Key**  
**Pinelawn/Farmingdale Former Hortonsphere Site**  
**East Farmingdale, New York**

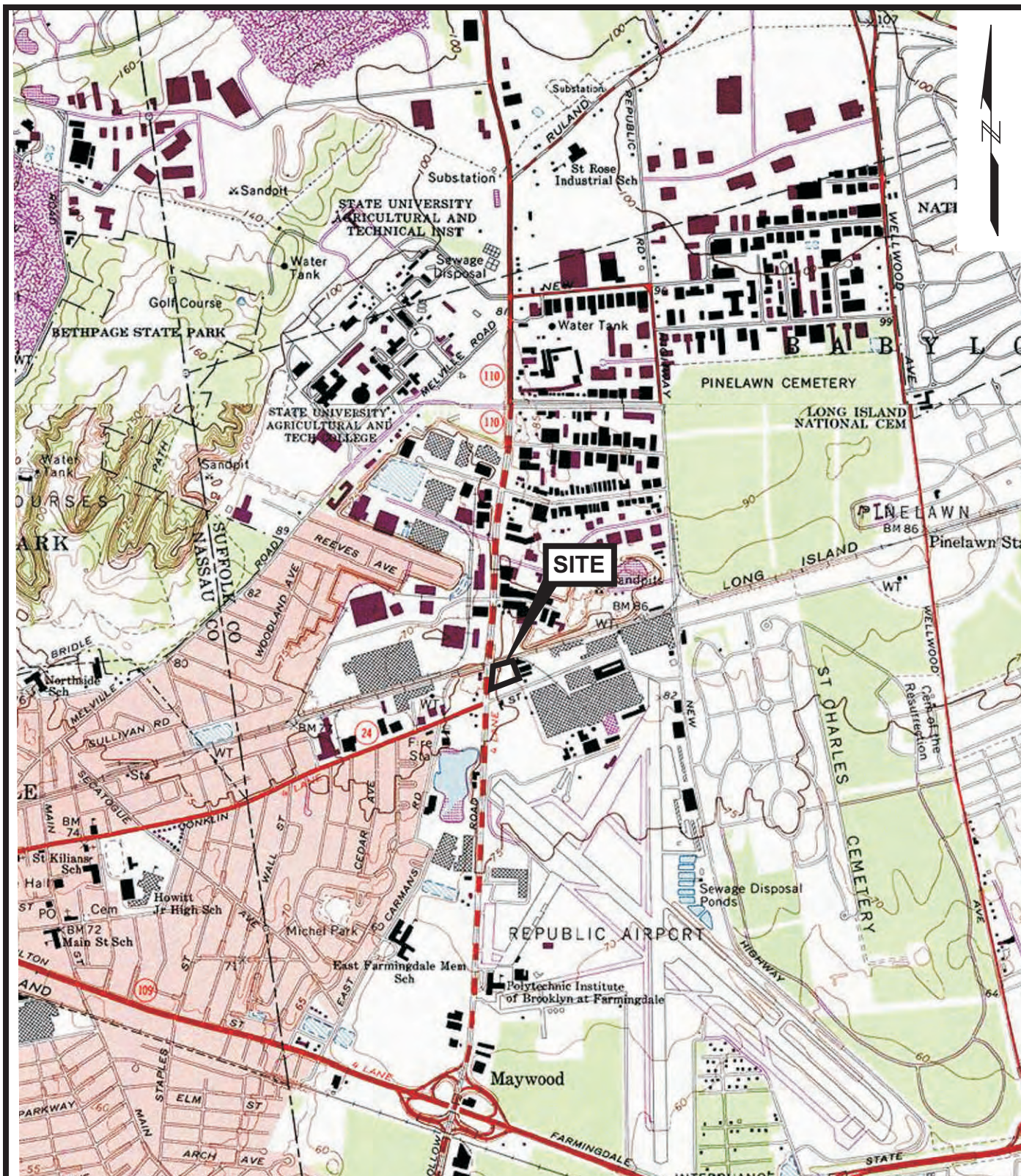
[illegible]

Note: Highlights indicate decision key rationale.

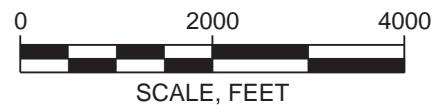
## Figures

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SOURCE: Map created with TOPO! © 2001 National Geographic  
(www.nationalgeographic.com/topo)



**FINAL SITE CHARACTERIZATION DATA SUMMARY**  
**PINELAWN/FARMINGDALE FORMER HORTONSHERE SITE**  
**EAST FARMINGDALE, NEW YORK**

**nationalgrid**

**GEI** Consultants

Project 093000-7-1701

**SITE LOCATION MAP**

June 2011

Figure 1





**LEGEND:**

- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- GROUND SURFACE CONTOUR (FEET, NAVD)
- CROSS SECTION LOCATION
- PFH-GP-01/PFH-GW-01 GEOPROBE® BORING LOCATION/ TEMPORARY GROUNDWATER SAMPLING LOCATION
- PFH-SV-02 SOIL VAPOR SAMPLE LOCATION
- PFH-SS-01 SURFACE SOIL SAMPLE LOCATION

**SOURCES:**

- Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 11/15/07.
- Farmingdale Sub Parcel 49 [Suffolk County File 1196280] surveyed September 1927. Scale 1 inch: 50 feet.
- Farmingdale Substation, Situated Near Farmingdale, Town of Babylon, County of Suffolk, New York. Scale 1 inch: 100 feet.
- Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.



## LEGEND

- APPROXIMATE FORMER SITE BOUNDARY
- APPROXIMATE CURRENT PROPERTY BOUNDARY

### RECENT REGULATORY RECORDS

- RCRA (TSDF, CORRACTS), CERCLIS, VCP, LANDFILL, DISPOSAL SITE
- RCRA (LQG, SQG)
- MAJOR OIL OR CHEMICAL STORAGE
- MINOR OIL STORAGE
- SPILLS, TRIS

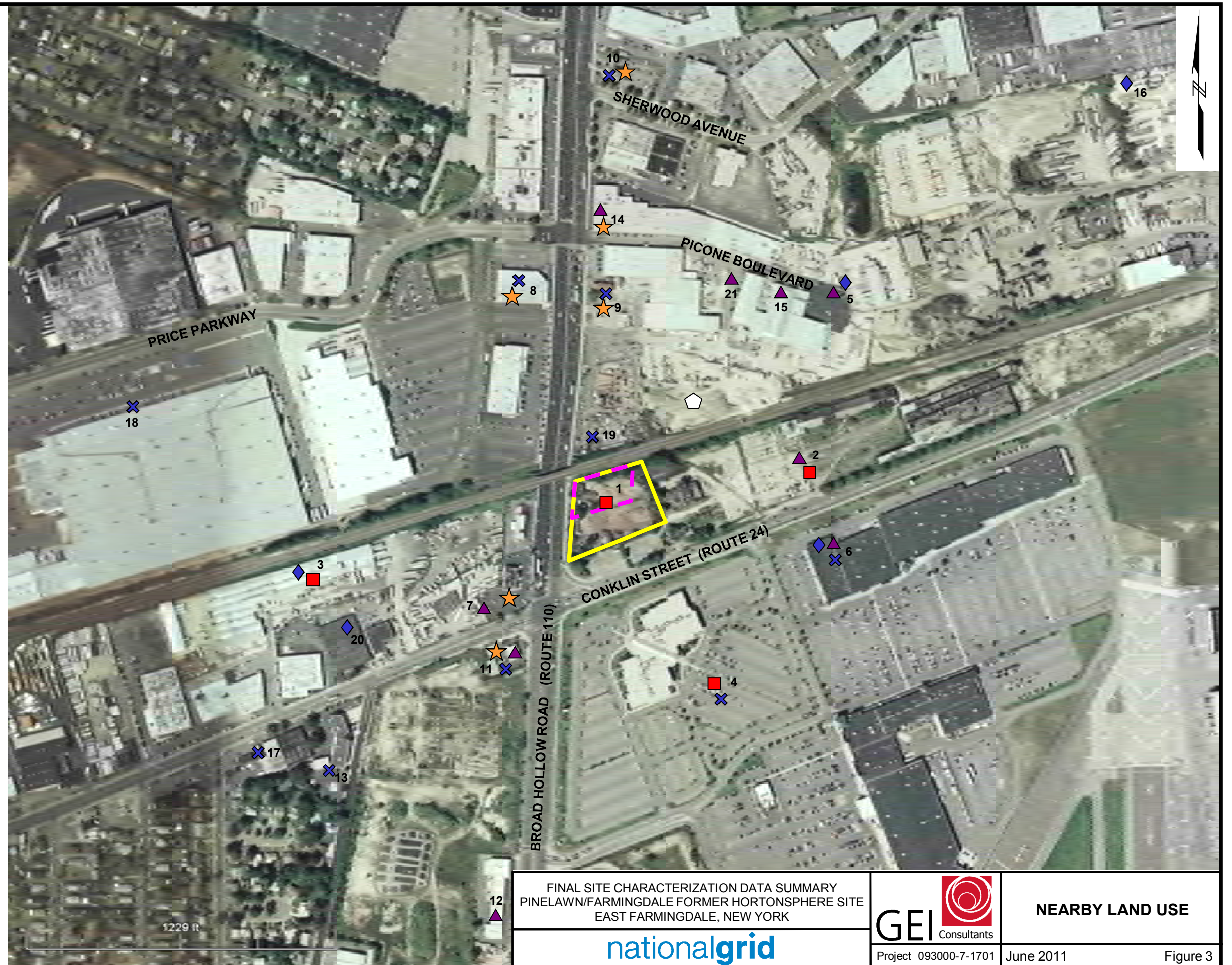
### HISTORIC LAND USE

- COAL YARD/LUMBER YARD
- ASPHALT PLANT/COAL TAR PRODUCT CO.
- MANUFACTURING AND COMMERCIAL
- OIL/PETROCHEMICAL
- CHEMICAL/PAINT/FERTILIZER/PLASTIC
- MULTIPLE
- AGGREGATE/SALT STORAGE AREA

**NOTE:**  
SEE TABLE 1 IN APPENDIX C FROM THE *FINAL SITE CHARACTERIZATION WORK PLAN* (DECEMBER 2007) FOR ADDITIONAL INFORMATION ABOUT THESE SITES.

### SOURCES:

- Copyright 2008 Google Earth, Imagery – Copyright 2008 New York GIS, Accessed on 9/16/08.
- The *EDR Radius Map with Geocheck®*, prepared by Environmental Data Resources, Pinelawn/Farmingdale Hotonsphere Broad Hollow Road/Center Street, Farmingdale, NY 11735 [Inquiry Number: 1898596.25] Date: April 9, 2007.



FINAL SITE CHARACTERIZATION DATA SUMMARY  
PINELAWN/FARMINGDALE FORMER HORTONSHERE SITE  
EAST FARMINGDALE, NEW YORK

**nationalgrid**

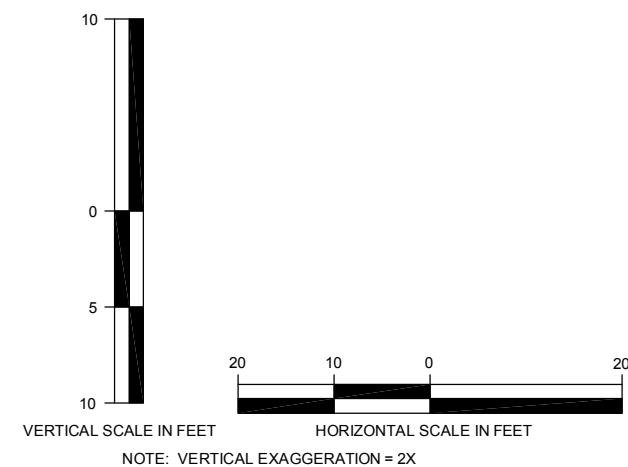
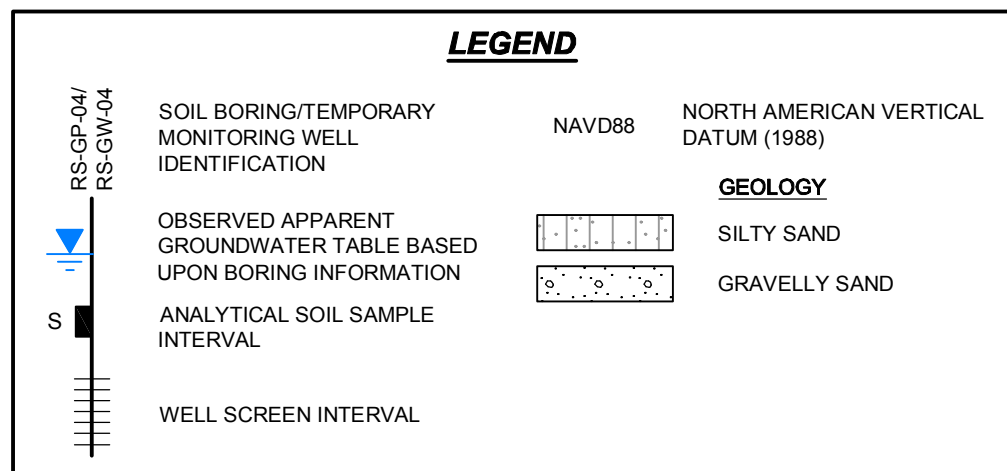
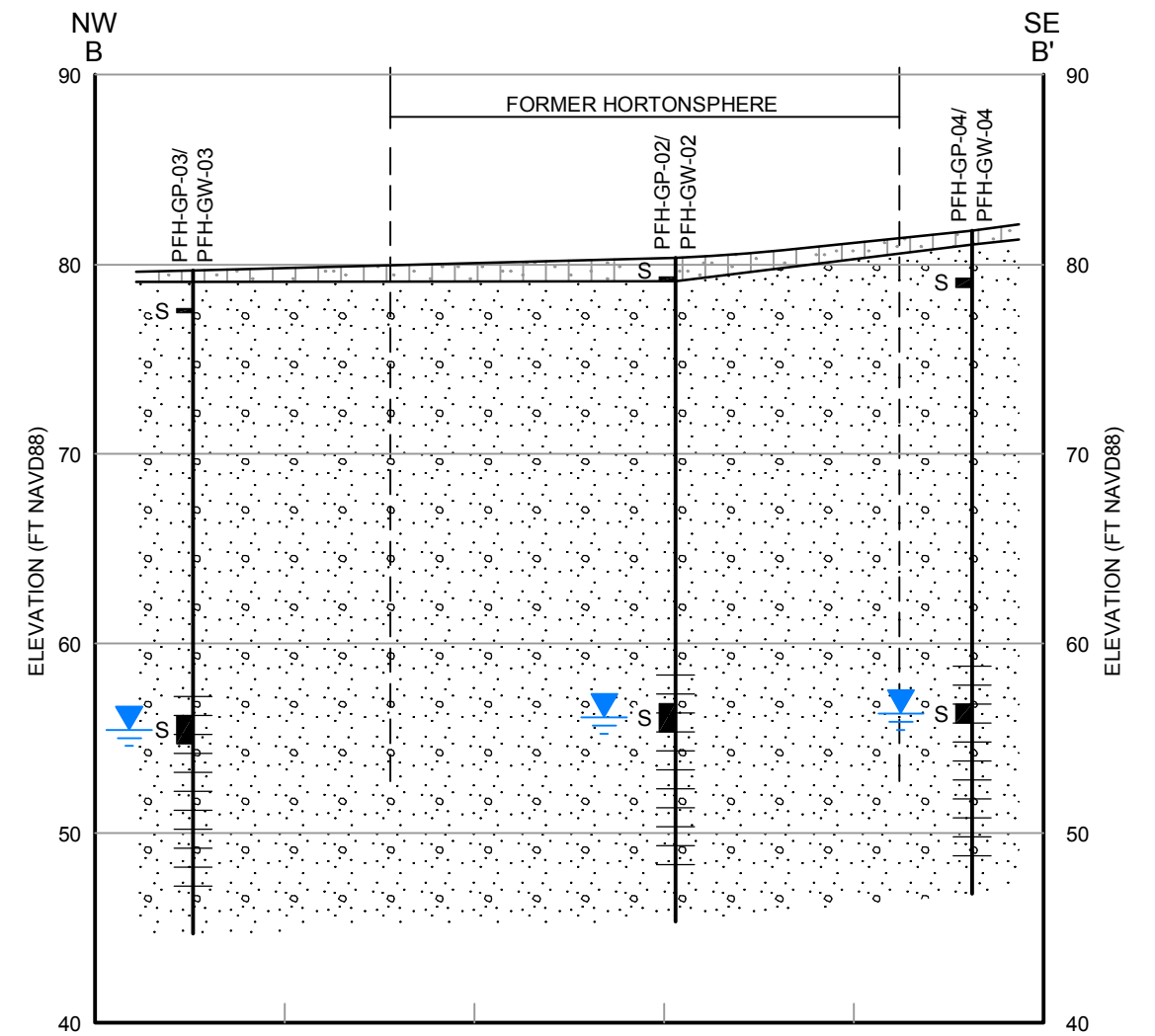
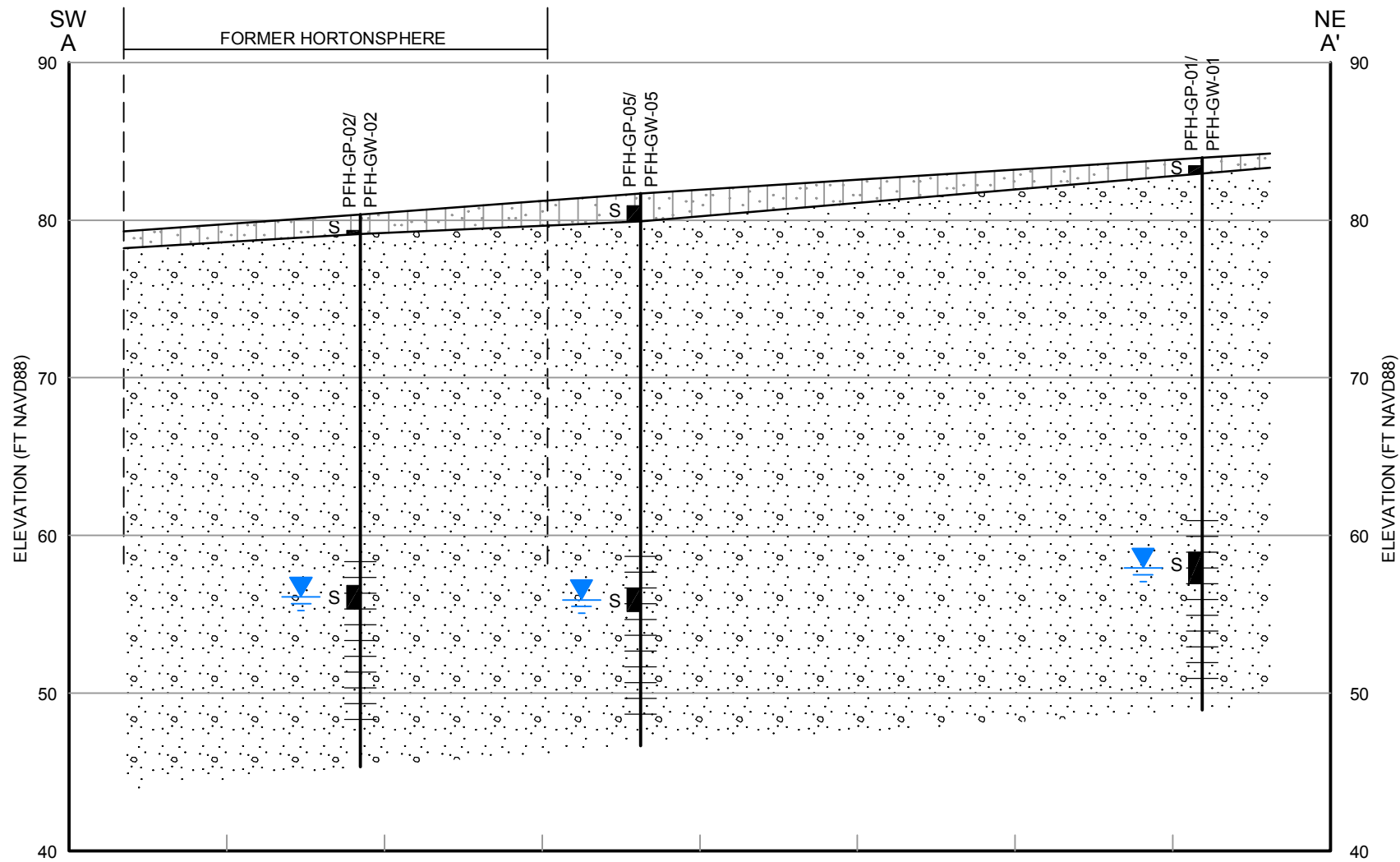


Project 093000-7-1701

**NEARBY LAND USE**

June 2011

Figure 3



FINAL SITE CHARACTERIZATION DATA SUMMARY  
PINELAWN/FARMINGDALE FORMER HORTONSPHERE SITE  
EAST FARMINGDALE, NEW YORK

**nationalgrid**



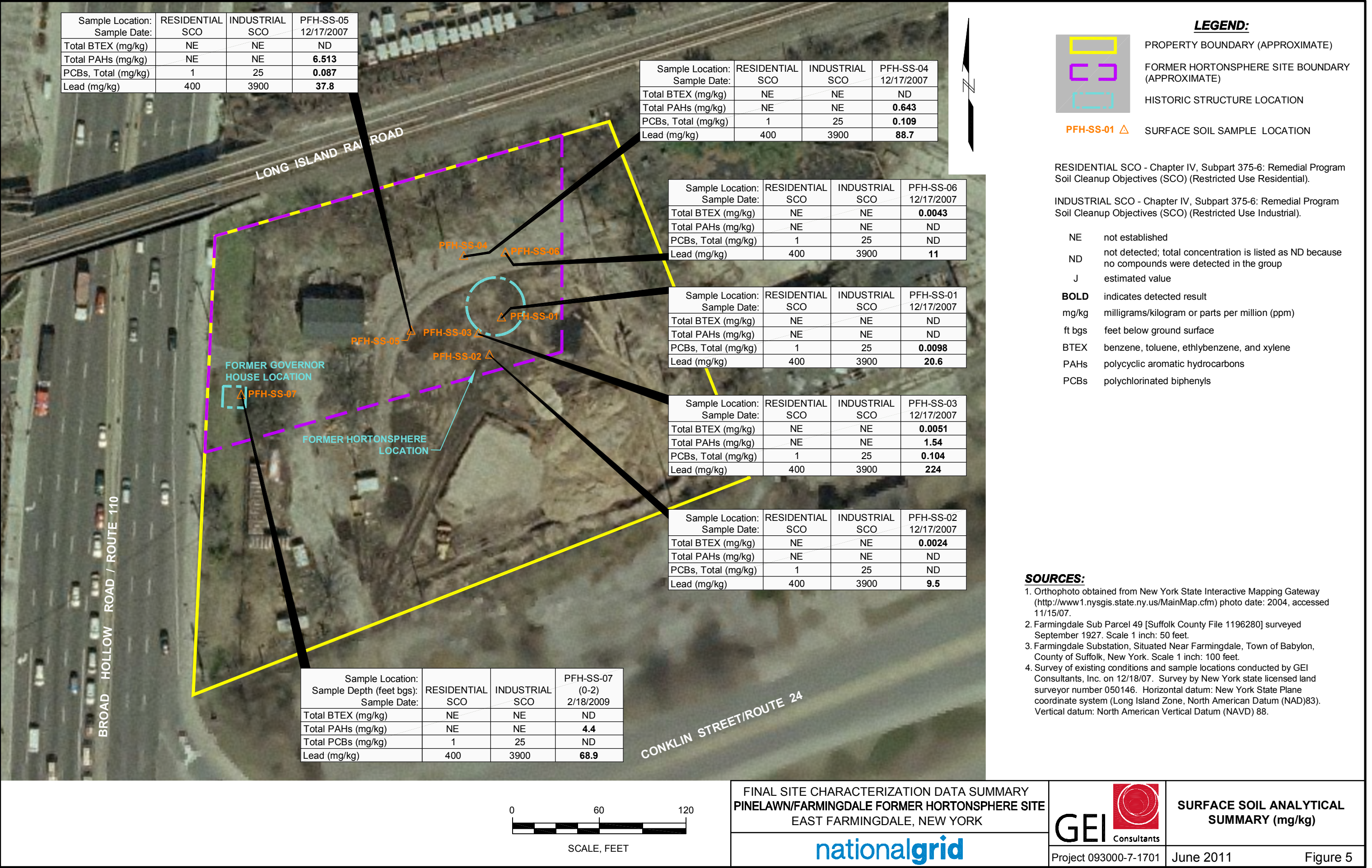
Project 093000-7-1701

**CROSS SECTIONS  
A-A' AND B-B'**

June 2011

Figure 4





LEGEND:

PROPERTY BOUNDARY (APPROXIMATE)

FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)

HISTORIC STRUCTURE LOCATION

PFH-SS-01

SURFACE SOIL SAMPLE LOCATION

RESIDENTIAL SCO - Chapter IV, Subpart 375-6: Remedial Program Soil Cleanup Objectives (SCO) (Restricted Use Residential).

INDUSTRIAL SCO - Chapter IV, Subpart 375-6: Remedial Program Soil Cleanup Objectives (SCO) (Restricted Use Industrial).

NE not established

ND not detected; total concentration is listed as ND because no compounds were detected in the group

J estimated value

**BOLD** indicates detected result

mg/kg milligrams/kilogram or parts per million (ppm)

ft bgs feet below ground surface

BTEX benzene, toluene, ethlybenzene, and xylene

PAHs polycyclic aromatic hydrocarbons

PCBs polychlorinated biphenyls

SOURCES:

1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 11/15/07.

2. Farmingdale Sub Parcel 49 [Suffolk County File 1196280] surveyed September 1927. Scale 1 inch: 50 feet.

3. Farmingdale Substation, Situated Near Farmingdale, Town of Babylon, County of Suffolk, New York. Scale 1 inch: 100 feet.

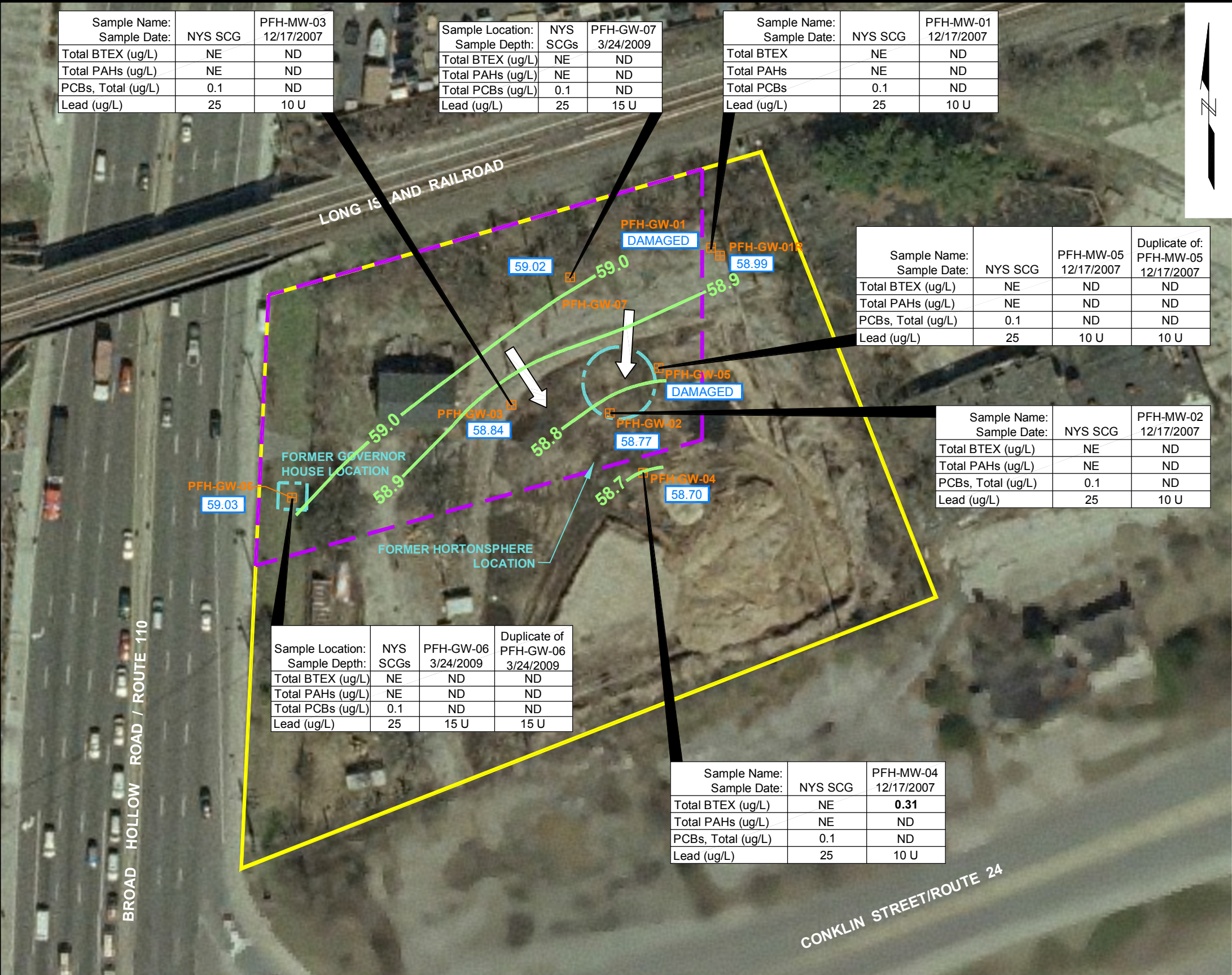
4. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.

I:\Project\National Grid\Pinelawn\Final SCDS-1209\Pinelawn-FinalSCDS-Figures 6-2011.dwg









**LEGEND:**

PROPERTY BOUNDARY (APPROXIMATE)

FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)

HISTORIC STRUCTURE LOCATION

PFH-GW-01

TEMPORARY GROUNDWATER SAMPLING LOCATION59.058.99NAVD

NYS SCG

NE

ND

U

**BOLD**

**BOLD**

ug/L

BTEX

PAHs

PCBs

New York State Department of Environmental Conservation Standards, Criteria, and Guidelines Ambient Water Quality Standards for GA Groundwater

no exceedances of specified NYSDEC standard

not detected; total concentration is listed as ND because no compounds were detected in the group

indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

indicates detected result

indicates that the detected result value exceeds established NYS SCGs

micrograms per liter or parts per billion (ppb)

benzene, toluene, ethylbenzene, and xylene

polycyclic aromatic hydrocarbons

polychlorinated biphenyls

**NOTE:**  
Monitoring wells were gauged on April 16, 2009. PFH-GW-05 and PFH-GW-01 were damaged and could not be gauged. PFH-GW-01R was installed as a replacement well for PFH-GW-01 with similar construction.

**SOURCES:**

1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 11/15/07.
2. Farmingdale Sub Parcel 49 [Suffolk County File 1196280] surveyed September 1927. Scale 1 inch: 50 feet.
3. Farmingdale Substation, Situated Near Farmingdale, Town of Babylon, County of Suffolk, New York. Scale 1 inch: 100 feet.
4. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.

## Appendix A

---

### Site Characterization Work Plan Approval Letter



**New York State Department of Environmental Conservation  
Division of Environmental Remediation, Region One**

Stony Brook University  
50 Circle Road, Stony Brook, New York 11790 - 3409  
**Phone:** (631) 444-0240 • **FAX:** (631) 444-0248  
**Website:** [www.dec.state.ny.us](http://www.dec.state.ny.us)



Alexander B. Grannis  
Commissioner

December 14, 2007

Thomas Campbell  
Project Manager  
KeySpan Corporation  
175 East Old Country Road  
Hicksville, NY 11801

**Re: Site Characterization Work Plan  
Pinelawn/Farmingdale Hortonsphere Site  
Site Number: 152214  
East Farmingdale, Suffolk County**

Dear Mr. Campbell:

The New York State Department of Environmental Conservation (NYSDEC) is in receipt of KeySpan's revised Site Characterization Work Plan regarding the Pinelawn/Farmingdale Hortonsphere site. The plan was developed by KeySpan's Consultant, GEI. The purpose of the investigation is to complete all the necessary tasks to properly characterize site conditions. This correspondence is to advise you that, upon review, the Department has determined that the scope of work of the revised work plan incorporates all of the Department's comments that were outlined in our letter to you dated November 16, 2007 and thus the plan is hereby deemed complete and approved.

Should you have any questions, please contact me at (631) 444-0242 or via email at [jcsheeha@gw.dec.state.ny.us](mailto:jcsheeha@gw.dec.state.ny.us).

Sincerely,

John C. Sheehan

Engineering Geologist 1

cc: W. Parish, NYSDEC  
C. Vasudevan, NYSDEC  
G. Bobersky, NYSDEC  
R. Ockerby, NYSDOH  
P. Ponturo, SCDHS  
R. Paulsen, SCDHS  
A. Juchatz, SCDEE  
T. Leissing, KeySpan  
G. Iadarola, GEI  
L Willey, GEI

## Appendix B

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### Representative Site Photographs

**GEI Consultants, Inc.**

**PHOTOGRAPHIC RECORD**

---

**Project:** Pinelawn/Farmingdale Hortonsphere  
**Site**  
**Site Characterization**  
**Location:** East Farmingdale, NY



**Photographer:** K. Barber

**Date:** 10/25/07

**Photo No.:** 1

**Direction:** N

**Comments:**  
Entrance of site with tree  
mulching operations.



**Photographer:** K. Barber

**Date:** 10/25/07

**Photo No.:** 2

**Direction:** W

**Comments:**  
On-site building built in  
1936.



**GEI Consultants, Inc.**

**PHOTOGRAPHIC RECORD**

---

**Project:** Pinelawn/Farmingdale Hortonsphere

**Site**

**Site Characterization**

**Location:** East Farmingdale, NY



**Photographer:** K. Barber  
**Date:** 10/25/07  
**Photo No.:** 3  
**Direction:** N

**Comments:**  
Site building along western site boundary.



**Photographer:** G. Iadarola  
**Date:** 5/23/07  
**Photo No.:** 4  
**Direction:** N

**Comments:**  
Photograph depicting the unpaved parking lot to the south of the site.



**GEI Consultants, Inc.**

**PHOTOGRAPHIC RECORD**

---

**Project:** Pinelawn/Farmingdale Hortonsphere

**Site**

**Site Characterization**

**Location:** East Farmingdale, NY



**Photographer:** K. Barber  
**Date:** 10/25/07  
**Photo No.:** 5  
**Direction:** E

**Comments:**  
Exterior of property along Route 110.



**Photographer:** K. Barber  
**Date:** 10/25/07  
**Photo No.:** 6  
**Direction:** N

**Comments:**  
Photograph of tree trimming equipment along southern edge of property.

## **Appendix C**

---

### **Historical Documents and Environmental Records Information**

**(Hard Copy and Electronic)**



## **The EDR Radius Map with GeoCheck®**

**Pinelwn/ Farmingdale Hortonsphere  
Broad Hollow Road/ Conklin Street  
Farmingdale, NY 11735**

**Inquiry Number: 1898596.2s**

**April 09, 2007**

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

BROAD HOLLOW ROAD/ CONKLIN STREET  
FARMINGDALE, NY 11735

#### COORDINATES

Latitude (North):	40.739700 - 40° 44' 22.9"
Longitude (West):	73.422700 - 73° 25' 21.7"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	633179.9
UTM Y (Meters):	4510847.0
Elevation:	72 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F4 AMITYVILLE, NY
Most Recent Revision:	1994
North Map:	40073-G4 HUNTINGTON, NY
Most Recent Revision:	1994

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

#### FEDERAL RECORDS

<b>Proposed NPL</b> .....	Proposed National Priority List Sites
<b>NPL RECOVERY</b> .....	Federal Superfund Liens
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b> .....	Resource Conservation and Recovery Act Information
<b>ERNS</b> .....	Emergency Response Notification System
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>DOD</b> .....	Department of Defense Sites

## EXECUTIVE SUMMARY

<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>LUCIS</b>	Land Use Control Information System
<b>RADINFO</b>	Radiation Information Database
<b>US CDL</b>	Clandestine Drug Labs
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>FINDS</b>	Facility Index System/Facility Registry System
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>HSWDS</b>	Hazardous Substance Waste Disposal Site Inventory
<b>DEL SHWS</b>	Delisted Registry Sites
<b>SWRCY</b>	Registered Recycling Facility List
<b>SWTIRE</b>	Registered Waste Tire Storage & Facility List
<b>CBS UST</b>	Chemical Bulk Storage Database
<b>MOSF UST</b>	Major Oil Storage Facilities Database
<b>HIST UST</b>	Historical Petroleum Bulk Storage Database
<b>CBS AST</b>	Chemical Bulk Storage Database
<b>HIST AST</b>	Historical Petroleum Bulk Storage Database
<b>MOSF AST</b>	Major Oil Storage Facilities Database
<b>ENG CONTROLS</b>	Registry of Engineering Controls
<b>VCP</b>	Voluntary Cleanup Agreements
<b>DRYCLEANERS</b>	Registered Drycleaners
<b>BROWNFIELDS</b>	Brownfields Site List
<b>SPDES</b>	State Pollutant Discharge Elimination System
<b>AIRS</b>	Air Emissions Data

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
<b>INDIAN LUST</b>	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b>	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

## EXECUTIVE SUMMARY

### FEDERAL RECORDS

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

A review of the NPL list, as provided by EDR, and dated 01/25/2007 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CIRCUITRON CORPORATION</b>	<b>82 MILBAR BOULEVARD</b>	<b>1/2 - 1 NNE 0</b>		<b>6</b>

**Delisted NPL:** 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.

A review of the Delisted NPL list, as provided by EDR, and dated 12/28/2006 has revealed that there is 1 Delisted NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>KENMARK TEXTILE PRINTING CORP</b>	<b>921 CONKLIN ST</b>	<b>1/4 - 1/2 WSW F32</b>		<b>154</b>

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 11/28/2006 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>KENMARK TEXTILE PRINTING CORP</b>	<b>921 CONKLIN ST</b>	<b>1/4 - 1/2 WSW F32</b>		<b>154</b>

**CERCLIS-NFRAP:** 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/20/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HAZARDOUS WASTE DISPOSAL</b>	<b>11A PICONE BLVD</b>	<b>1/8 - 1/4 N</b>	<b>D19</b>	<b>131</b>



## EXECUTIVE SUMMARY

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 01/04/2007 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>
<b>HAZARDOUS WASTE DISPOSAL</b>	<b>11A PICONE BLVD</b>	<b>1/8 - 1/4N D19</b>		<b>131</b>
<b>REPUBLIC ENVIRONMENTAL SYSTEMS</b>	<b>340-360 EASTERN PKWY</b>	<b>1/2 - 1 WSW 46</b>		<b>202</b>

**RCRAInfo:** 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ARROW METAL SALVAGE CORP</b>	<b>1031A CONKLIN ST</b>	<b>0 - 1/8 SE 7</b>		<b>54</b>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>
<b>HESS STATION 32487</b>	<b>1590 BROADHOLLOW RD</b>	<b>0 - 1/8 SSW 15</b>		<b>121</b>
<b>NYSDOT BIN 1036939</b>	<b>NY 110 OVER NY 109</b>	<b>1/8 - 1/4N 18</b>		<b>129</b>
<b>HAZARDOUS WASTE DISPOSAL</b>	<b>11A PICONE BLVD</b>	<b>1/8 - 1/4N D19</b>		<b>131</b>
<b>BEST FOODS BAKING GROUP</b>	<b>8 PICONE BLVD</b>	<b>1/8 - 1/4N D21</b>		<b>136</b>
<b>RYDER TRUCK RENTAL INC NEWSDAY</b>	<b>11 PICONE BLVD</b>	<b>1/8 - 1/4N D23</b>		<b>138</b>
<b>BEST BUY AUTO PARTS</b>	<b>1500 BROAD HOLLOW RD</b>	<b>1/8 - 1/4S 25</b>		<b>140</b>
<b>RONNIES TRUCK SERVICE INC</b>	<b>13D PICONE BLVD</b>	<b>1/8 - 1/4NNE E28</b>		<b>145</b>
<b>THOMAS S B</b>	<b>PICONE BLVD</b>	<b>1/8 - 1/4NNE E29</b>		<b>146</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DEACON FORD TRUCK SALES INC</b>	<b>1600 RTE 110</b>	<b>0 - 1/8 SSW C14</b>		<b>119</b>

**ENG CONTROLS:** A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 01/24/2007 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>

## EXECUTIVE SUMMARY

**INST 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 01/24/2007 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>

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

A review of the ROD list, as provided by EDR, and dated 01/10/2007 has revealed that there are 2 ROD sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CIRCUITRON CORPORATION</b>	<b>82 MILBAR BOULEVARD</b>	<b>1/2 - 1 NNE 0</b>		<b>6</b>
<b>KENMARK TEXTILE PRINTING CORP</b>	<b>921 CONKLIN ST</b>	<b>1/4 - 1/2 WSW F32</b>		<b>154</b>

### STATE AND LOCAL RECORDS

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

A review of the SHWS list, as provided by EDR, and dated 12/01/2006 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CIRCUITRON CORPORATION</b>	<b>82 MILBAR BOULEVARD</b>	<b>1/2 - 1 NNE 0</b>		<b>6</b>
Class Code: Significant threat to the public health or environment - action required.				
<b>FAIRCHILD REPUBLIC AIRCRAFT; O</b>	<b>ROUTE 110 (BROADWAY)</b>	<b>0 - 1/8 SSW C10</b>		<b>61</b>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>
Class Code: Significant threat to the public health or environment - action required.				
<b>NATIONAL HEATSET PRINTING CO.</b>	<b>1 ADAMS BOULEVARD</b>	<b>1/2 - 1 W 47</b>		<b>284</b>
Class Code: Significant threat to the public health or environment - action required.				

**SWF/LF:** The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 01/30/2007 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BIOSYSTEMS INC</b>	<b>210 SHERWOOD AVE</b>	<b>1/4 - 1/2 NE 43</b>		<b>194</b>

## EXECUTIVE SUMMARY

**LTANKS:** Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 01/17/2007 has revealed that there are 18 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HESS STATION 32487</b> Date Closed: 04/02/99	<b>1590 BROADHOLLOW RD</b>	<b>0 - 1/8 SSW</b>	<b>15</b>	<b>121</b>
<b>JM MORGAN CHASE BANK</b> Date Closed: 12/02/05	<b>1745 BROADHOLLOW ROAD</b>	<b>1/8 - 1/4N</b>	<b>16</b>	<b>126</b>
<b>US TRUCK BODY/PICONE</b> Date Closed: / /	<b>EAST CARMANS ROAD</b>	<b>1/8 - 1/4SW</b>	<b>30</b>	<b>146</b>
<b>MIDWAY IND ELECTRONICS</b> Date Closed: 10/31/88	<b>920 CONKLIN STREET</b>	<b>1/4 - 1/2SW</b>	<b>F31</b>	<b>152</b>
<b>METRO</b> Date Closed: 05/02/96	<b>BIRCH / CONKLIN</b>	<b>1/4 - 1/2WSW</b>	<b>33</b>	<b>164</b>
<b>HUFCO</b> Date Closed: 01/05/90	<b>57 ALEXANDER AVENUE</b>	<b>1/4 - 1/2NW</b>	<b>37</b>	<b>180</b>
<b>GETTY PETROLEUM CORP</b> Date Closed: 12/28/95	<b>CONKLIN ST / CEDAR LA</b>	<b>1/4 - 1/2WSW</b>	<b>39</b>	<b>185</b>
<b>CURTIS WRIGHT FLOW CONTRL</b> Date Closed: 02/06/04	<b>1966 EAST BROADHOLLOW R</b>	<b>1/4 - 1/2N</b>	<b>40</b>	<b>188</b>
<b>HMS GASOLINE INC</b> Date Closed: 11/23/93	<b>880 CONKLIN ST</b>	<b>1/4 - 1/2WSW</b>	<b>41</b>	<b>189</b>
<b>RALPH SHROEDER</b> Date Closed: 08/21/95	<b>69 GAZZA BLVD</b>	<b>1/4 - 1/2NNE</b>	<b>42</b>	<b>192</b>
<b>CASCADE LINEN SUPPLY</b> Date Closed: 01/02/92	<b>NEW HWY / CONKLIN AVE</b>	<b>1/4 - 1/2E</b>	<b>44</b>	<b>198</b>
<b>MEN INDUSTRIAL</b> Date Closed: 06/22/04	<b>1885 NEW HIGHWAY</b>	<b>1/4 - 1/2ENE</b>	<b>45</b>	<b>201</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BROWN STROBER HOME CTR</b> Date Closed: 11/18/87	<b>1644 ROUTE 110</b>	<b>0 - 1/8 SW</b>	<b>A2</b>	<b>43</b>
<b>MACYS FURNITURE STORE</b> Date Closed: 07/21/00	<b>1640 BROADHOLLOW ROAD</b>	<b>1/8 - 1/4N</b>	<b>D26</b>	<b>142</b>
<b>WHITE ROSE</b> Date Closed: / /	<b>150 PRICE PARKWAY</b>	<b>1/4 - 1/2WNW</b>	<b>G34</b>	<b>170</b>
<b>WHITE ROSE DISTRIBUTION</b> Date Closed: 05/21/91	<b>150 PRICE PARKWAY</b>	<b>1/4 - 1/2WNW</b>	<b>G35</b>	<b>175</b>
<b>WHITE ROSE FOODS</b> Date Closed: 09/22/87	<b>150 PRICE PARKWAY</b>	<b>1/4 - 1/2WNW</b>	<b>G36</b>	<b>178</b>
<b>AMERICAN TISSUE CORP</b> Date Closed: 07/10/96	<b>185 PRICE PARKWAY</b>	<b>1/4 - 1/2WNW</b>	<b>38</b>	<b>183</b>

## EXECUTIVE SUMMARY

**HIST LTANKS:** A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 14 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HESS STATION 32487</b>	<b>1590 BROADHOLLOW RD</b>	<b>0 - 1/8 SSW</b>	<b>15</b>	<b>121</b>
<b>US TRUCK BODY/PICONE</b>	<b>EAST CARMANS ROAD</b>	<b>1/8 - 1/4 SW</b>	<b>30</b>	<b>146</b>
<b>MIDWAY IND ELECTRONICS</b>	<b>920 CONKLIN STREET</b>	<b>1/4 - 1/2 SW</b>	<b>F31</b>	<b>152</b>
<b>METRO</b>	<b>BIRCH / CONKLIN</b>	<b>1/4 - 1/2 WSW</b>	<b>33</b>	<b>164</b>
<b>HUFCO</b>	<b>57 ALEXANDER AVENUE</b>	<b>1/4 - 1/2 NW</b>	<b>37</b>	<b>180</b>
<b>GETTY PETROLEUM CORP</b>	<b>CONKLIN ST / CEDAR LA</b>	<b>1/4 - 1/2 WSW</b>	<b>39</b>	<b>185</b>
<b>HMS GASOLINE INC</b>	<b>880 CONKLIN ST</b>	<b>1/4 - 1/2 WSW</b>	<b>41</b>	<b>189</b>
<b>RALPH SHROEDER</b>	<b>69 GAZZA BLVD</b>	<b>1/4 - 1/2 NNE</b>	<b>42</b>	<b>192</b>
<b>CASCADE LINEN SUPPLY</b>	<b>NEW HWY / CONKLIN AVE</b>	<b>1/4 - 1/2 E</b>	<b>44</b>	<b>198</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BROWN STROBER HOME CTR</b>	<b>1644 ROUTE 110</b>	<b>0 - 1/8 SW</b>	<b>A2</b>	<b>43</b>
<b>MACYS FURNITURE STORE</b>	<b>1640 BROADHOLLOW ROAD</b>	<b>1/8 - 1/4 N</b>	<b>D26</b>	<b>142</b>
<b>WHITE ROSE DISTRIBUTION</b>	<b>150 PRICE PARKWAY</b>	<b>1/4 - 1/2 WNW</b>	<b>G35</b>	<b>175</b>
<b>WHITE ROSE FOODS</b>	<b>150 PRICE PARKWAY</b>	<b>1/4 - 1/2 WNW</b>	<b>G36</b>	<b>178</b>
<b>AMERICAN TISSUE CORP</b>	<b>185 PRICE PARKWAY</b>	<b>1/4 - 1/2 WNW</b>	<b>38</b>	<b>183</b>

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

A review of the UST list, as provided by EDR, and dated 12/22/2006 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW</b>	<b>C12</b>	<b>68</b>
<b>FAMILY MOVING &amp; STORAGE-OOB-</b>	<b>8 PICONE BLVD</b>	<b>1/8 - 1/4 N</b>	<b>D20</b>	<b>134</b>
<b>SAFELITE AUTO GLASS</b>	<b>395 RTE 27 A MONTAUK HW</b>	<b>1/8 - 1/4 N</b>	<b>D22</b>	<b>136</b>
<b>MCLEAN TRUCKING CO</b>	<b>19 PICONE BLVD</b>	<b>1/8 - 1/4 N</b>	<b>D24</b>	<b>139</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DEACON FORD TRUCK SALES INC</b>	<b>1600 RTE 110</b>	<b>0 - 1/8 SSW</b>	<b>C14</b>	<b>119</b>
<b>FLYIN HAND CAR WASH</b>	<b>1590 RTE 110 BROADHOLLO</b>	<b>1/8 - 1/4 SSW</b>	<b>17</b>	<b>127</b>
<b>MACYS FURNITURE STORE</b>	<b>1640 RTE 110 BROAD HOLL</b>	<b>1/8 - 1/4 N</b>	<b>D27</b>	<b>144</b>

**AST:** The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 12/22/2006 has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW</b>	<b>C12</b>	<b>68</b>
<b>FAMILY MOVING &amp; STORAGE-OOB-</b>	<b>8 PICONE BLVD</b>	<b>1/8 - 1/4N</b>	<b>D20</b>	<b>134</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BROAD PROPERTIES INC	1637 RTE 110 BROAD HOLL	0 - 1/8 W	A1	41

**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 10/26/2006 has revealed that there are 6 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ARROW METAL SALVAGE CORP</b>	<b>1031A CONKLIN ST</b>	<b>0 - 1/8 SE</b>	<b>7</b>	<b>54</b>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW</b>	<b>C12</b>	<b>68</b>
<b>HESS STATION 32487</b>	<b>1590 BROADHOLLOW RD</b>	<b>0 - 1/8 SSW</b>	<b>15</b>	<b>121</b>
<b>NYS DOT BIN 1036939</b>	<b>NY 110 OVER NY 109</b>	<b>1/8 - 1/4N</b>	<b>18</b>	<b>129</b>
<b>BEST BUY AUTO PARTS</b>	<b>1500 BROAD HOLLOW RD</b>	<b>1/8 - 1/4S</b>	<b>25</b>	<b>140</b>
<b>RONNIES TRUCK SERVICE INC</b>	<b>13D PICONE BLVD</b>	<b>1/8 - 1/4 NNE</b>	<b>E28</b>	<b>145</b>

**SPILLS:** Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 01/17/2007 has revealed that there are 9 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>AIRCRAFT BEECHCRAFT</b> Date Closed: 10/03/95	<b>RTE 110</b>	<b>0 - 1/8 NNW</b>	<b>B3</b>	<b>45</b>
<b>LILCO</b> Date Closed: 10/22/90	<b>RTE 110</b>	<b>0 - 1/8 NNW</b>	<b>B4</b>	<b>48</b>
<b>Not reported</b> Date Closed: 12/03/85	<b>RTE 110</b>	<b>0 - 1/8 NNW</b>	<b>B5</b>	<b>50</b>
<b>POSS REPUBLIC AIRPORT</b> Date Closed: / /	<b>RTE 110</b>	<b>0 - 1/8 NNW</b>	<b>B6</b>	<b>52</b>
<b>FAIRCHILD HOLD - BLDG 54</b> Date Closed: 04/30/97	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW</b>	<b>C8</b>	<b>57</b>
<b>FAIRCHILD HOLDING CORP</b> Date Closed: 12/02/05	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW</b>	<b>C9</b>	<b>59</b>
<b>FAIRCHILD REPUBLIC</b> Date Closed: 12/02/05	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW</b>	<b>C11</b>	<b>65</b>
<b>FAIRCHILD REPUBLIC CO.</b> Date Closed: 06/04/87 Date Closed: / /	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW</b>	<b>C12</b>	<b>68</b>
<b>(FORMER) FAIRCHILD MFG</b> Date Closed: 09/22/99	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW</b>	<b>C13</b>	<b>117</b>

## EXECUTIVE SUMMARY

**HIST SPILLS:** This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>AIRCRAFT BEECHCRAFT</b>	<b>RTE 110</b>	<b>0 - 1/8 NNW B3</b>		<b>45</b>
<b>LILCO</b>	<b>RTE 110</b>	<b>0 - 1/8 NNW B4</b>		<b>48</b>
<b>Not reported</b>	<b>RTE 110</b>	<b>0 - 1/8 NNW B5</b>		<b>50</b>
<b>POSS REPUBLIC AIRPORT</b>	<b>RTE 110</b>	<b>0 - 1/8 NNW B6</b>		<b>52</b>
<b>FAIRCHILD HOLD - BLDG 54</b>	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW C8</b>		<b>57</b>
<b>FAIRCHILD HOLDING CORP</b>	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW C9</b>		<b>59</b>
<b>FAIRCHILD REPUBLIC</b>	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW C11</b>		<b>65</b>
<b>FAIRCHILD REPUBLIC CO.</b>	<b>CONKLIN ST</b>	<b>0 - 1/8 SSW C12</b>		<b>68</b>
<b>(FORMER) FAIRCHILD MFG</b>	<b>1000 CONKLIN STREET</b>	<b>0 - 1/8 SSW C13</b>		<b>117</b>

**INST CONTROL:** Environmental Remediation sites that have institutional controls in place.

A review of the INST CONTROL list, as provided by EDR, and dated 12/01/2006 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

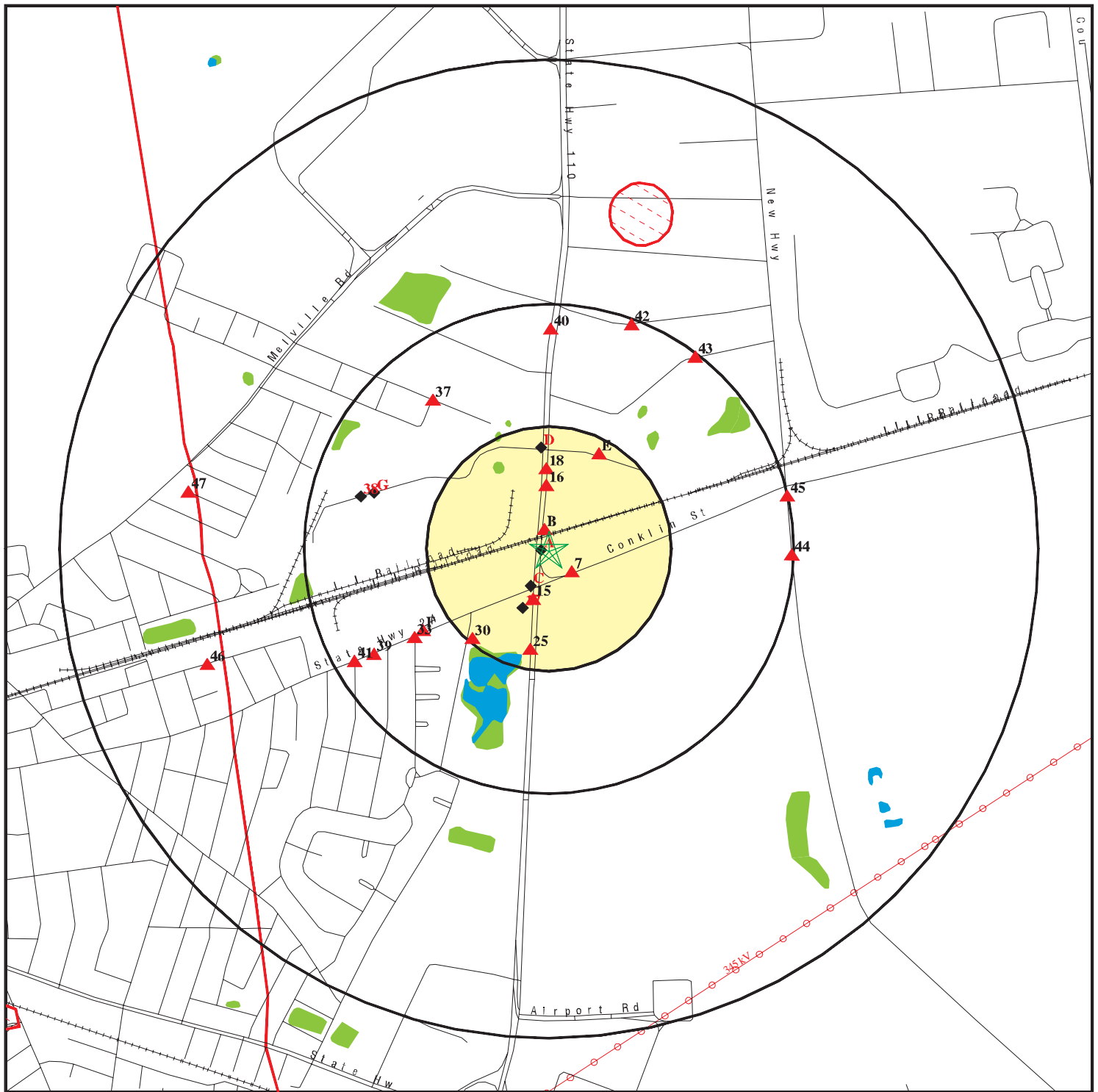
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>FAIRCHILD REPUBLIC AIRCRAFT; O</b>	<b>ROUTE 110 (BROADWAY)</b>	<b>0 - 1/8 SSW C10</b>		<b>61</b>

## EXECUTIVE SUMMARY

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

Site Name	Database(s)
FAA	LTANKS, HIST LTANKS
JP MORGAN CHASE BANK	UST
SUNY FARMINGDALE AGRIC & TECH SCHO	UST
SUNY FARMINGDALE/OSI PHARMACEUTICAL	UST, AST
LA FITNESS	UST
120-130 BROAD HOLLOW LLC	UST
ANGELO J SBROCCHI	UST
BUSY BEE OIL CO	UST
COMPUTER ASSOCIATES	UST
STAT TRUCK & TRAILER IND-OOB-	UST
MICROAGE COMPUTER	UST
MOBIL S/S #17-MJX	UST
MOBIL S/S #17-JD6	UST
ST CHARLES CEMETARY	UST
AIRCRAFT FINISHING CORP	UST
C I REALTY CORP	UST
ELECTRONIC HARDWARE CORP	AST
ST CHARLES CEMETARY	AST
C I REALTY CORP	AST
E FARMINGDALE FIRE CO SPILL 90-068	FINDS
LILCO	NY Spills, NY Hist Spills
RYDER TRUCK CO	NY Spills, NY Hist Spills
UNK	NY Spills, NY Hist Spills
LILCO	NY Spills, NY Hist Spills
REPUBLIC AIRPORT	NY Spills, NY Hist Spills
UNK	NY Spills, NY Hist Spills
CONKLIN ST/VOGEL WAY	NY Spills, NY Hist Spills
N/O CONKLIN ST/SB RTE 110	NY Spills
7 UN SUBSTATION	NY Spills
LILCO	NY Spills, NY Hist Spills
BEECHCRAFT	NY Spills, NY Hist Spills
BEECHCRAFT	NY Spills, NY Hist Spills
NYS DOT/BEECHCRAFT	NY Spills, NY Hist Spills
ROLLI RETREAD INC	NY Spills, NY Hist Spills
TAONIC PLATING COMPANY	NY Spills, NY Hist Spills
7 UM SOUTH FARMINGDALE SU	NY Spills
REPUBLIC AIRPORT	NY Spills
LITTLE JOSEPH REALTY	NY Spills, NY Hist Spills
VACANT LOT	NY Spills
VACANT LOT	NY Spills
OLD SCHOOL	NY Spills, NY Hist Spills
NYS DOT/ REPUBLIC AIRPORT	NY Spills, NY Hist Spills
UNK	NY Spills, NY Hist Spills

# OVERVIEW MAP - 1898596.2s



★ Target Property

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

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

■ County Boundary

■ Power transmission lines

■ Oil & Gas pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

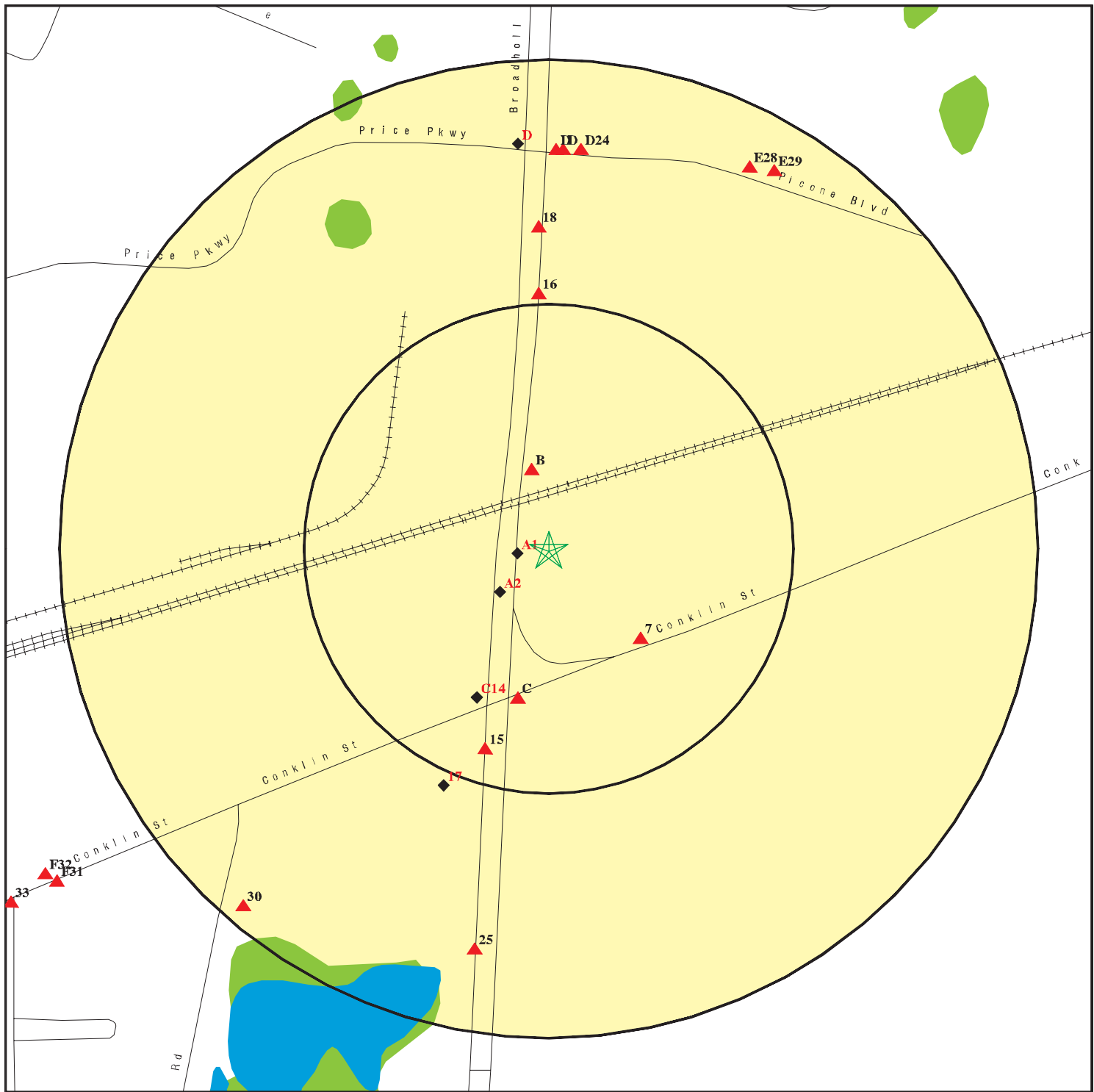
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Pinelwn/ Farmingdale Hortonsphere  
 ADDRESS: Broad Hollow Road/ Conklin Street  
 Farmingdale NY 11735  
 LAT/LONG: 40.7397 / 73.4227

CLIENT: GEI Consultants Inc.  
 CONTACT: Lynn Willey  
 INQUIRY #: 1898596.2s  
 DATE: April 09, 2007 5:44 pm



# DETAIL MAP - 1898596.2s



★ 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

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

■ Oil & Gas pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

0 1/16 1/8 1/4 Miles



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: Pinelwn/ Farmingdale Hortonsphere  
ADDRESS: Broad Hollow Road/ Conklin Street  
Farmingdale NY 11735  
LAT/LONG: 40.7397 / 73.4227

CLIENT: GEI Consultants Inc.  
CONTACT: Lynn Willey  
INQUIRY #: 1898596.2s  
DATE: April 09, 2007 5:45 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	1	0	NR	1
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	1	0	NR	NR	1
CORRACTS		1.000	1	1	0	1	NR	3
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	4	7	NR	NR	NR	11
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	1	0	0	NR	NR	1
US INST CONTROL		0.500	1	0	0	NR	NR	1
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	1	1	NR	2
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	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
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
HSWDS		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	2	0	0	2	NR	4
DEL SHWS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	1	NR	NR	1
SWRCY		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LTANKS		0.500	2	3	13	NR	NR	18
HIST LTANKS		0.500	2	2	10	NR	NR	14
UST		0.250	2	5	NR	NR	NR	7
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST UST		0.250	0	0	NR	NR	NR	0
AST		0.250	2	1	NR	NR	NR	3
CBS AST		0.250	0	0	NR	NR	NR	0
HIST AST		TP	NR	NR	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
MANIFEST		0.250	3	3	NR	NR	NR	6
NY Spills		0.125	9	NR	NR	NR	NR	9
NY Hist Spills		0.125	9	NR	NR	NR	NR	9
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	1	0	0	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**NPL  
Region  
NNE  
1/2-1  
3410 ft.**

**CIRCUITRON CORPORATION  
82 MILBAR BOULEVARD  
FARMINGDALE, NY 11735**

Database(s)

EDR ID Number  
EPA ID Number

**CERCLIS  
RCRA-SQG  
SHWS  
FINDS  
NPL  
AST  
ROD  
NY MANIFEST  
US ENG CONTROLS  
US INST CONTROL  
CT MANIFEST**

**CERCLIS:**

Site ID: 0202301  
Federal Facility: Not a Federal Facility  
NPL Status: Currently on the Final NPL  
Non NPL Status: Not reported

**CERCLIS Site Contact Name(s):**

Contact Name: SHARON TROCHER  
Contact Tel: (212) 637-3965  
Contact Title: Remedial Project Manager (RPM)

**CERCLIS Site Alias Name(s):**

Alias Name: CIRCUITRON CORP  
Alias Address: Not reported  
NY  
Alias Name: CIRCUITRON CORP.  
Alias Address: 82 MILBAR BOULEVARD  
FARMINGDALE, NY 11735  
Alias Name: CIRCUITRON CORP.  
Alias Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

**Site Description:** The Circuitron Corporation site is located at 82 Milbar Boulevard, East Farmingdale, Suffolk County, New York. The Site encompasses approximately 1-acre in an industrial/commercial area. The Site is surrounded by similar small manufacturers and is several miles away from any residential area. The Circuitron Corporation site consists of an abandoned 23,500 square foot building that was used between 1961 and 1986 for the manufacture of electronic circuit boards. Approximately 95% of the Site is paved or covered by the building. The Upper Glacial aquifer (estimated 80 feet thick) overlies the Magothy aquifer (estimated 700 feet thick) in the vicinity of the site. Nineteen public water supply wells are located within two miles of the site, of which 17 are screened in the Magothy aquifer. In 1984, an owner of Circuitron Corporation, Mario Lombardo, was charged for discharging organic solvents to unpermitted "hidden" leaching pools between March 1, 1982 and March 22, 1984. In 1985, Mr. Lombardo pleaded guilty to unlawful dumping of hazardous wastes, under New York State Environmental Conservation Law Section 27, Subsection 09-14. An Order of Consent and a Stipulated Agreement, issued by the SCDHS in 1984 and 1985, respectively, required that all leaching pools and storm drains be remediated; all toxic and hazardous materials be removed from the Site including drums, tanks, and piping; and a groundwater quality study be performed. To comply with the order, Circuitron Corporation cleaned out and backfilled the unpermitted leaching pool in the southern part of the plating room and installed and sampled 5 on-Site monitoring wells. There are no records available regarding the amount of waste removed from this leaching pool or the existence and the extent of contaminated soil in and around the leaching pool. In 1987, EPA initiated an emergency removal of some of the more than 100

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

chemical containers and storage tanks on-Site. In 1988, EPA conducted another emergency cleanup action and removed approximately 20 waste drums from inside the building, 3 aboveground tanks from the rear of the building, the contents of 7 underground storage tanks, 2 below-surface treatment basins, and several leaching basins. The Site was proposed for the National Priorities List in June 1988 and was listed on the NPL in March 1989. The first RI/FS of the Site was initiated by EPA in September 1988 and was completed in January 1991. In 1984, an owner of Circuitron Corporation, Mario Lombardo, was charged for discharging organic solvents to unpermitted "hidden" leaching pools between March 1, 1982 and March 22, 1984. In 1985, Mr. Lombardo pleaded guilty to unlawful dumping of hazardous wastes, under New York State Environmental Conservation Law Section 27, Subsection 09-14. An Order of Consent and a Stipulated Agreement, issued by the SCDHS in 1984 and 1985, respectively, required that all leaching pools and storm drains be remediated; all toxic and hazardous materials be removed from the Site including drums, tanks, and piping; and a groundwater quality study be performed. To date, only the unpermitted leaching pool in the southern part of the plating room has been cleaned out and backfilled. This work was performed by Circuitron Corporation. There are no records available regarding the amount of waste removed from this leaching pool or the existence and the extent of contaminated soil in and around the leaching pool. In 1987, EPA initiated an emergency removal of some of the more than 100 chemical containers and storage tanks on-Site. In 1988, EPA conducted another emergency cleanup action and removed approximately 20 waste drums from inside the building, 3 aboveground tanks from the rear of the building, the contents of 7 underground storage tanks, 2 below-surface treatment basins, and several leaching basins. The Site was proposed for the National Priorities List in June 1988 and was listed on the NPL in March 1989. The first RI/FS of the Site was initiated by EPA in September 1988 and was completed in January 1991.

**CERCLIS Assessment History:**

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 03/25/1986  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 03/28/1986  
Priority Level: Low

Action: SITE INSPECTION  
Date Started: 06/26/1987  
Date Completed: 06/29/1987  
Priority Level: High

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 09/23/1987  
Priority Level: Low

Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 06/24/1988  
Priority Level: Not reported

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH  
Date Started: 10/01/1987  
Date Completed: 06/30/1988

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Priority Level:	No PRPs Identified
Action:	Notice Letters Issued
Date Started:	Not reported
Date Completed:	08/15/1988
Priority Level:	Not reported
Action:	CLAIM IN BANKRUPTCY PROCEEDING
Date Started:	11/30/1987
Date Completed:	11/09/1988
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	08/15/1988
Date Completed:	11/10/1988
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started:	09/27/1988
Date Completed:	02/15/1989
Priority Level:	Not reported
Action:	LIEN ON POTENTIALLY RESPONSIBLE PARTY PROPERTY
Date Started:	Not reported
Date Completed:	03/02/1989
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	03/31/1989
Priority Level:	Not reported
Action:	Public Notice Published
Date Started:	Not reported
Date Completed:	04/17/1989
Priority Level:	Not reported
Action:	REMOVAL
Date Started:	09/15/1988
Date Completed:	09/28/1989
Priority Level:	Cleaned up
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	08/15/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	03/21/1990
Date Completed:	09/08/1990
Priority Level:	Stabilized
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	01/17/1990
Date Completed:	11/07/1990
Priority Level:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 09/27/1988  
Date Completed: 03/29/1991  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 03/29/1991  
Priority Level: Not reported

Action: Notice Letters Issued  
Date Started: Not reported  
Date Completed: 03/29/1991  
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS  
Date Started: 03/29/1991  
Date Completed: 06/24/1991  
Priority Level: Not reported

Action: REMOVAL ASSESSMENT  
Date Started: 02/08/1993  
Date Completed: 02/09/1993  
Priority Level: Stabilized

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 01/27/1992  
Date Completed: 09/30/1994  
Priority Level: Not reported

Action: REMEDIAL DESIGN  
Date Started: 06/21/1991  
Date Completed: 09/30/1994  
Priority Level: Not reported

Action: REMEDIAL DESIGN  
Date Started: 06/24/1991  
Date Completed: 09/30/1994  
Priority Level: Not reported

Action: REMEDIAL DESIGN  
Date Started: 06/24/1991  
Date Completed: 09/30/1994  
Priority Level: Not reported

Action: RECORD OF DECISION  
Date Started: Not reported  
Date Completed: 09/30/1994  
Priority Level: Final Remedy Selected at Site

Action: REMEDIAL ACTION  
Date Started: 09/30/1994  
Date Completed: 09/30/1996  
Priority Level: Not reported

Action: REMEDIAL DESIGN  
Date Started: 02/01/1995

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Date Completed:	09/30/1996
Priority Level:	Not reported
Action:	REMEDIAL ACTION
Date Started:	09/30/1994
Date Completed:	03/31/1997
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/22/2000
Priority Level:	Not reported
Action:	LONG TERM RESPONSE ACTION
Date Started:	05/15/2001
Date Completed:	Not reported
Priority Level:	Not reported
Action:	REMEDIAL ACTION
Date Started:	09/10/1997
Date Completed:	05/15/2001
Priority Level:	Not reported
Action:	UNILATERAL ADMIN ORDER
Date Started:	Not reported
Date Completed:	05/18/2005
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE
Date Started:	07/16/2005
Date Completed:	Not reported
Priority Level:	Not reported
Action:	CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started:	Not reported
Date Completed:	07/18/2005
Priority Level:	Not reported
Action:	PROSPECTIVE PURCHASER AGREEMENT ASSESSMENT
Date Started:	04/23/2001
Date Completed:	07/18/2005
Priority Level:	Not reported
Action:	COST RECOVERY NEGOTIATIONS
Date Started:	Not reported
Date Completed:	07/18/2005
Priority Level:	Not reported
Action:	FIVE-YEAR REVIEW
Date Started:	Not reported
Date Completed:	08/05/2005
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	08/05/2005
Priority Level:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Action: STATE SUPPORT AGENCY COOPERATIVE AGREEMENT  
Date Started: 04/28/1989  
Date Completed: 03/01/2006  
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE  
Date Started: Not reported  
Date Completed: Not reported  
Priority Level: Not reported

**RCRAInfo:**

Contact: SHEWEN BIAN  
(516) 794-2913

Classification: Small Quantity Generator  
TSDF Activities: Not reported

Violation Status: No violations found

**SHWS:**

Program: HW  
Site Code: 55856  
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Region: 1  
Acres: 0.95  
HW Code: 152082  
Record Add: 1999-11-18 12:00:00  
Record Upd: 2006-09-15 11:06:00  
Updated By: GWHARRIS

Site Description: The site is located at 82 Milbar Boulevard in Farmingdale. A circuit board manufacturing facility occupied a single building at this site and engaged in various photographic, riston, and silk screen processes and in some plating and etching operations. Process wastes associated with facility operations contained heavy metals and solvents and were discharged to the ground through leaching pools. Site operations ceased in 1986 and the various storage tanks were abandoned. There were five in-ground cement-lined holding tanks within the building and other raw chemical storage tanks outside of the building. Samples were taken from the SPDES discharge pools, two leach pools found in the plating room, storm drains on the west side of the building and from another abandoned SPDES discharge pool at the site. The results confirmed the presence of heavy metals and organics. Based on these findings, the site was found to represent a significant threat to the environment and was placed on the National Priorities List. A Phase I Investigation and a RI/FS was completed at this site. Two RODs have been signed, which call for source control and groundwater cleanup. The RODs include: groundwater pump and treatment via air stripping; soil vapor extraction of contaminated soils; and excavation of contaminated sediments. In September of 1996, 100 of the groundwater design was approved. The source removal part of the OU-1 soil remediation program was completed in January of 1997. The building was demolished and the contaminated sediments were removed. Groundwater contamination is being handled under OU-2 and some investigations were completed in late 1998 to refine the groundwater remedial design. Construction of the groundwater treatment system began in November of 1999 and was completed on June 28, 2000. Project is currently in active site management.

Environmental Problems: The source removal part of the OU-1 soil remediation program was completed in January of 1997. The building was demolished and the contaminated sediments

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

were removed. Groundwater contamination is being handled under OU-2 and some investigations were completed in late 1998 to refine the groundwater remedial design. Construction of the groundwater treatment system began in November of 1999 and was completed on June 28, 2000. Project is currently in active site management.

Health Problems Assesment: Site activities left groundwater and soils contaminated with volatile organic compounds and metals. Public drinking water serves the area, and is sampled routinely to monitor for potential contamination. Remediation of contaminated soil and restricted access to the site greatly reduces the likelihood of potential exposure. Additional Investigation may be warranted to determine the potential for soil vapor intrusion into structures on or near the site.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: 1961  
Disp Term: present  
Lat/Long: 40:44:58:0 / 73:25:07:0  
Dell: F  
Record Add: 11/18/99  
Record Upd: 06/13/06  
Updated By: rmdenyse  
Own Op: 01  
Sub Type: E  
Owner Name: Not reported  
Owner Company: MARIO LOMBARDO  
Owner Address: 101 TRADE ZONE DRIVE  
Owner Addr2: Not reported  
Owner City,St,Zip: RONKONKOMA, NY 11779  
Owner Country: United States of America  
Own Op: 03  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: MARIO LOMBARDO  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
Own Op: 01  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: ADI/Circuitron Corporation  
Owner Address: 101 Trade Zone Drive  
Owner Addr2: Not reported  
Owner City,St,Zip: Ronkonkoma, NY 11779  
Owner Country: United States of America  
Own Op: 01  
Sub Type: E  
Owner Name: Not reported  
Owner Company: ADI/Circuitron Corporation  
Owner Address: 101 Trade Zone Drive  
Owner Addr2: Not reported  
Owner City,St,Zip: Ronkonkoma, NY 11779  
Owner Country: United States of America  
Own Op: 04  
Sub Type: NNN

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Owner Name: Not reported  
Owner Company: UNKNOWN3  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
HW Code: 152082  
Waste Type: HEAVY METALS  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152082  
Waste Type: 1,1,1-TRICHLOROETHANE (TCA)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152082  
Waste Type: METHYL ETHYL KETONE (A.K.A. 2-BUTANONE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152082  
Waste Type: 1,1,2-TRICHLOROETHYLENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152082  
Waste Type: TOLUENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152082  
Waste Type: PLATING WASTES  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: NYD981184229  
Cross Ref Type Code: 05  
Cross Ref Type: EPA Site ID  
Record Added Date: 06/14/06  
Record Updated: 06/14/06  
Updated By: rmdenyse

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

**1000181928**

that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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.

**NPL:**

EPA ID: NYD981184229  
EPA Region: 02  
Federal: General  
Final Date: 03/31/1989

**Category Details:**

Site ID: Not reported  
NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-> 25 And <= 50 Feet  
Category Value: 26

Site ID: Not reported  
NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 1/4 And <= 1/2 Mile  
Category Value: 2640

**Site Details:**

Site Name: CIRCUITRON CORP.  
Site Status: Final  
Status Date: 3/31/1989  
Site City: EAST FARMINGDALE  
Site State: NY  
Federal Site: Not a Federal Facility  
HRS Score: 54.27  
GW Score: 93.88  
SW Score: Not reported  
Air Score: Not reported  
Soil Score: Not reported  
DC Score: 37.50  
FE Score: 43.75

**Substance Details:**

Site ID: Not reported  
NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Scoring:	Not reported
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	C178
Substance:	COPPER AND COMPOUNDS
CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	D008
Substance:	LEAD (PB)
CAS #:	7439-92-1
Pathway:	GROUND WATER PATHWAY
Scoring:	3
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U044
Substance:	CHLOROFORM
CAS #:	67-66-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
Site ID:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U226
Substance:	TRICHLOROETHANE, 1,1,1-
CAS #:	71-55-6
Pathway:	GROUND WATER PATHWAY
Scoring:	2

**Summary Details:**

Conditions at proposal June 24, 1988): Circuitron Corp. manufactured circuit boards during 1961-86 on about 1 acre at 82 Milbar Boulevard, East Farmingdale, Suffolk County, New York. The site is in a densely populated industrial/commercial area of Long Island east of Route 110 and the State University of New York Farmingdale Campus. The property is owned by 82 Milbar Boulevard Corp. Circuitron was a subsidiary of FEE Industries, which ADI Electronics, Inc., bought in 1984. The facility discharged thousands of gallons of metal-containing plating wastes to an underground leaching pool permitted under the State Pollutant Discharge Elimination System (SPDES), to unauthorized leaching pools beneath the floor of the plating room, and to a storm drain. After ADI Electronics purchased the facility, the Suffolk County Department of Health Services (SCDHS) identified the discharge to the SPDES pool and the storm drain. Since 1984, SCDHS has issued Circuitron numerous notices of violations. On June 12, 1984, Circuitron agreed to an Order on Consent from SCDHS requiring removal of all hazardous substances from the site. On March 7, 1985, SCDHS issued a Stipulated Agreement in which Circuitron agreed to install three monitoring wells, analyze ground water, and clean out one of the unauthorized leaching pools. In mid-1986, the company vacated the facility without complying with all SCDHS requirements. In addition, Circuitron received one of the largest fines ever in the State for environmental pollution. The original owner has been convicted of a felony as a result of illegal waste discharges. Extensive sampling of the site

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

by SCDHS detected heavy metals and chlorinated organic solvents in the SPDES leaching pool, the unauthorized leaching pools, and the storm drains. Analyses of the monitoring wells installed as part of the Stipulated Agreement detected 1,1,1-trichloroethane in on-site wells downgradient of the manufacturing building. In May 1987, EPA found potentially explosive conditions at the site. From 125 to 150 drums, most unmarked and one bulging, were left haphazardly throughout the building when it was vacated. Incompatible and reactive wastes were not segregated. Some drums were marked sulfuric acid, hydrochloric acid, sodium hydroxide, and caustic soda. Other smaller containers were strewn outside. Six concrete holding tanks containing unknown materials were below the floor and three aboveground storage tanks were behind the building. The aquifers underlying Long Island have been designated as Sole Source Aquifers under the Safe Drinking Water Act. At least 15 municipal wells serving over 215,000 people are within 3 miles of the site, the nearest 1,000 feet in the direction ground water flows. The shallow well has been closed since 1978 due to volatile organic chemical contamination from an unknown source. The building is not fenced or guarded. Employees of other businesses in the area use the site for parking. Status March 31, 1989): EPA is preparing a workplan for a remedial investigation/feasibility study to determine the type and extent of contamination at the site and identify alternatives for remedial action.

Site Status Details:

NPL Status: Final  
Proposed Date: 06/24/1988  
Final Date: 03/31/1989  
Deleted Date: Not reported

Narratives Details:

NPL Name: CIRCUITRON CORP.  
City: EAST FARMINGDALE  
State: NY

AST:

Facility ID: 261  
Region: SUFFOLK  
Owner Name: CIRCUITRON CORP  
Owner Address: 82 MILBAR BLVD  
Owner City, St, Zip: FARMINGDALE, NY 11735  
Tank ID: 1  
Location: ABOVE, IN  
Installed: 82  
Capacity: 0000001000  
Content: ORGANIC SOLVENT  
Construction: Not reported  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 010184  
Official Use: Removed Tank. 84  
Permit to Operate: Not reported  
Tank Key: 857  
Facility Reference #: 00769  
Tank Count: 2  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 261

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Region: SUFFOLK  
Owner Name: CIRCUITRON CORP  
Owner Address: 82 MILBAR BLVD  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 2  
Location: ABOVE, IN  
Installed: 82  
Capacity: 0000001000  
Content: ORGANIC SOLVENT  
Construction: Not reported  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 010184  
Official Use: Removed Tank. 84  
Permit to Operate: Not reported  
Tank Key: 858  
Facility Reference #: 00769  
Tank Count: 2  
Township: BABYLON  
Tax Map No: 0100

**ROD:**

Full-text of USEPA Record of Decision(s) is available from EDR.

**NY MANIFEST:**

Document ID: NYO4147929  
Manifest Status: Completed copy  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840912  
Trans1 Recv Date: 840912  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840912  
Part A Recv Date: 841003  
Part B Recv Date: 840918  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00165  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4064454  
Manifest Status: Completed copy  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840613  
Trans1 Recv Date: 840613  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840613  
Part A Recv Date: 840619  
Part B Recv Date: 840619  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSD ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4065372  
Manifest Status: Completed copy  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840608  
Trans1 Recv Date: 840608  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840608



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Part A Recv Date: 840619  
Part B Recv Date: 840615  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: F001 - UNKNOWN  
Quantity: 00495  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 009  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800  
  
Document ID: NYO4065516  
Manifest Status: Completed copy  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840613  
Trans1 Recv Date: 840613  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840613  
Part A Recv Date: 840619  
Part B Recv Date: 840619  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00570  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 012  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4147641  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840907  
Trans1 Recv Date: 840907  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840907  
Part A Recv Date: 841003  
Part B Recv Date: 840919  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4067181  
Manifest Status: Completed copy

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840720  
Trans1 Recv Date: 840720  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840720  
Part A Recv Date: 840727  
Part B Recv Date: 840727  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 04875  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800  
  
Document ID: NYO4147938  
Manifest Status: Completed copy  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840912  
Trans1 Recv Date: 840912  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840912  
Part A Recv Date: 841003  
Part B Recv Date: 840918  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00040  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4066776  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840712  
Trans1 Recv Date: 840712  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840712  
Part A Recv Date: 840817  
Part B Recv Date: 840719  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: F001 - UNKNOWN  
Quantity: 00330  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4066785  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840712  
Trans1 Recv Date: 840712  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840712  
Part A Recv Date: 840817  
Part B Recv Date: 840719  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00205  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4067928  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840807  
Trans1 Recv Date: 840807  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840807  
Part A Recv Date: 840917  
Part B Recv Date: 840813  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

TSD ID: NYD082785429  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00685  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 013  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4067163  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840720  
Trans1 Recv Date: 840720  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840720  
Part A Recv Date: 840817  
Part B Recv Date: 840727  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSD ID: NYD082785429  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00800  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4067793  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840806  
Trans1 Recv Date: 840806  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840806  
Part A Recv Date: 840917  
Part B Recv Date: 840813  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 02600  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4067811  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840806  
Trans1 Recv Date: 840806  
Trans2 Recv Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

TSD Site Recv Date:	840806
Part A Recv Date:	840919
Part B Recv Date:	840813
Generator EPA ID:	NYD003995651
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSD ID:	NYD082785429
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	07600
Units:	P - Pounds
Number of Containers:	019
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	84
Facility Type:	Generator
EPA ID:	NYD003995651
Facility Name:	CIRCUITRON CORP
Facility Address:	82 MILBAR BLVD
Facility City:	FARMINGDALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	NASSAU
Mailing Name:	ADI CIRCUITS
Mailing Contact:	THOMAS MUSCHEZIO
Mailing Address:	82 MILBAR BLVD
Mailing City:	FARMINGDALE
Mailing State:	NY
Mailing Zip:	11735
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	516-737-1800
Document ID:	NYO4067937
Manifest Status:	Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID:	1A-042
Trans2 State ID:	Not reported
Generator Ship Date:	840807
Trans1 Recv Date:	840807
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840807
Part A Recv Date:	840919
Part B Recv Date:	840813
Generator EPA ID:	NYD003995651
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSD ID:	NYD082785429
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Year:	84
Facility Type:	Generator
EPA ID:	NYD003995651



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO4147659  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-042  
Trans2 State ID: Not reported  
Generator Ship Date: 840907  
Trans1 Recv Date: 840907  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840907  
Part A Recv Date: 841003  
Part B Recv Date: 840919  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00145  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYO2658267

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Manifest Status: Completed copy  
Trans1 State ID: JA-165  
Trans2 State ID: Not reported  
Generator Ship Date: 840221  
Trans1 Recv Date: 840221  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840222  
Part A Recv Date: 840302  
Part B Recv Date: 840228  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NJD065825341  
Trans2 EPA ID: Not reported  
TSDF ID: NJD089216790  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYA1242243  
Manifest Status: Completed copy  
Trans1 State ID: 8385RW  
Trans2 State ID: Not reported  
Generator Ship Date: 850115  
Trans1 Recv Date: 850115  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850115  
Part A Recv Date: 850129  
Part B Recv Date: 850124  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	112
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	102
Waste Code:	Not reported
Quantity:	00330
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	110
Year:	85
Facility Type:	Generator
EPA ID:	NYD003995651
Facility Name:	CIRCUITRON CORP
Facility Address:	82 MILBAR BLVD
Facility City:	FARMINGDALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	NASSAU
Mailing Name:	ADI CIRCUITS
Mailing Contact:	THOMAS MUSCHEZIO
Mailing Address:	82 MILBAR BLVD
Mailing City:	FARMINGDALE
Mailing State:	NY
Mailing Zip:	11735
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	516-737-1800
Document ID:	NYA1274787
Manifest Status:	Completed copy
Trans1 State ID:	7901-NF
Trans2 State ID:	Not reported
Generator Ship Date:	850104
Trans1 Recv Date:	850104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850104
Part A Recv Date:	850129
Part B Recv Date:	850114
Generator EPA ID:	NYD003995651
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 102  
Waste Code: Not reported  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 120  
Waste Code: Not reported  
Quantity: 00275  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 005  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 133  
Year: 85  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800  
  
Document ID: NYA1242252  
Manifest Status: Completed copy  
Trans1 State ID: 8385RW  
Trans2 State ID: Not reported  
Generator Ship Date: 850115  
Trans1 Recv Date: 850115  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850115  
Part A Recv Date: 850129  
Part B Recv Date: 850124  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00550  
Units: G - Gallons (liquids only)\* (8.3 pounds)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Number of Containers: 010  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 123  
Waste Code: Not reported  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 110  
Waste Code: Not reported  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 112  
Waste Code: Not reported  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 105  
Year: 85  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

Document ID: NYA1274796  
Manifest Status: Completed copy  
Trans1 State ID: 7901-NF  
Trans2 State ID: Not reported  
Generator Ship Date: 850104  
Trans1 Recv Date: 850104  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850104  
Part A Recv Date: 850129  
Part B Recv Date: 850111  
Generator EPA ID: NYD003995651  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

TSD ID: NYD082785429  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00330  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 112  
Waste Code: Not reported  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 105  
Waste Code: Not reported  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 112  
Year: 85  
Facility Type: Generator  
EPA ID: NYD003995651  
Facility Name: CIRCUITRON CORP  
Facility Address: 82 MILBAR BLVD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ADI CIRCUITS  
Mailing Contact: THOMAS MUSCHEZIO  
Mailing Address: 82 MILBAR BLVD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-737-1800

[Click this hyperlink](#) while viewing on your computer to access  
71 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**US ENG CONTROLS:**

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported  
EPA ID: NYD981184229  
Site ID: 0202301

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
  
EPA Region: 02  
County: SUFFOLK



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD EAST FARMINGDALE, NY 11735
EPA Region:	02
County:	SUFFOLK
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD EAST FARMINGDALE, NY 11735
EPA Region:	02
County:	SUFFOLK
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD EAST FARMINGDALE, NY 11735
EPA Region:	02
County:	SUFFOLK
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD EAST FARMINGDALE, NY 11735
EPA Region:	02
County:	SUFFOLK
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD EAST FARMINGDALE, NY 11735
EPA Region:	02
County:	SUFFOLK
Event Code:	Not reported
Actual Date:	Not reported
EPA ID:	NYD981184229
Site ID:	0202301
Name:	CIRCUITRON CORP.
Address:	82 MILBAR BOULEVARD

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

EPA Region: EAST FARMINGDALE, NY 11735  
County: 02  
Event Code: SUFFOLK  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735

EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Actual Date: Not reported

Action ID: 001  
Action Name: RA On-Site Construct Start  
Action Completion date: 19961110  
Planned Complet. date: 19950315  
Operable Unit: 03  
Contaminated Media : Soil  
Engineering Control: Excavation

**US INST CONTROL:**

EPA ID: NYD981184229  
Site ID: 0202301  
Name: CIRCUITRON CORP.  
Action Name: RECORD OF DECISION  
Address: 82 MILBAR BOULEVARD  
EAST FARMINGDALE, NY 11735  
EPA Region: 02  
County: SUFFOLK  
Event Code: Not reported  
Inst. Control: Swimming Restriction  
Actual Date: Not reported  
Planned Complet. Date: 03/31/1991  
Complet. Date: 03/29/1991  
Operable Unit: 01  
Contaminated Media : Sediment

**CT MANIFEST:**

Manifest No: 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CIRCUITRON CORPORATION (Continued)**

**1000181928**

Date Record Was Last Modified: Not reported  
DEO Who Last Modified Record: Not reported  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1986  
Manifest ID: CTB0010069  
TSDf EPA ID: CTD980524326  
TSDf Name: PORTERS GROVE METAL RECOVERY CO.,  
TSDf Address: 1558 BARNUM AVENUE  
TSDf City,St,Zip: BRIDGEPORT, CT 06610  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 09/10/86  
Transporter EPA ID: NYD002028827  
Transporter Name: ENEQUIST CHEMICAL CO., INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 09/11/86  
Trans 2 EPA ID: CTD055310759  
Trans 2 Name: HUBBARD HALL, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: NYD003995651  
Generator Phone: 5166944332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 09/10/86  
Date Received: 09/11/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTB0009483  
TSDf EPA ID: CTD980524326  
TSDf Name: PORTERS GROVE METAL RECOVERY CO.,  
TSDf Address: 1558 BARNUM AVENUE  
TSDf City,St,Zip: BRIDGEPORT, CT 06610  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/27/86  
Transporter EPA ID: NYD002028827  
Transporter Name: ENEQUIST CHEMICAL CO., INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 01/28/86  
Trans 2 EPA ID: CTD055310759  
Trans 2 Name: HUBBARD HALL, INC.  
Trans 2 Address: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: NYD003995651  
Generator Phone: 5166944332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 01/27/86  
Date Received: 01/28/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTA0072269  
TSDF EPA ID: CTD980524326  
TSDF Name: PORTERS GROVE METAL RECOVERY CO.,  
TSDF Address: 1558 BARNUM AVENUE  
TSDF City,St,Zip: BRIDGEPORT, CT 06610  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 04/15/86  
Transporter EPA ID: NYD002028827  
Transporter Name: ENEQUIST CHEMICAL CO., INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: CTD055310759  
Trans 2 Name: HUBBARD HALL, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: NYD003995651  
Generator Phone: 5166944332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 04/15/86  
Date Received: 04/16/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTA0072284  
TSDF EPA ID: CTD980524326  
TSDF Name: PORTERS GROVE METAL RECOVERY CO.,  
TSDF Address: 1558 BARNUM AVENUE  
TSDF City,St,Zip: BRIDGEPORT, CT 06610  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 06/10/86  
Transporter EPA ID: NYD002028827

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CIRCUITRON CORPORATION (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000181928**

Transporter Name: ENEQUIST CHEMICAL CO., INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 06/11/86  
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  
Generator EPA ID: NYD003995651  
Generator Phone: 5166944332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 06/10/86  
Date Received: 06/11/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1985  
Manifest ID: CTA0072222  
TSDF EPA ID: CTD980524326  
TSDF Name: PORTERS GROVE METAL RECOVERY CO.,  
TSDF Address: 1558 BARNUM AVENUE  
TSDF City,St,Zip: BRIDGEPORT, CT 06610  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 07/24/85  
Transporter EPA ID: NYD002028827  
Transporter Name: ENEQUIST CHEMICAL CO., INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 07/26/85  
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  
Generator EPA ID: NYD003995651  
Generator Phone: 5166944332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 07/24/85  
Date Received: 07/26/85  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**A1**  
**West**  
**< 1/8**  
**84 ft.**

**BROAD PROPERTIES INC**  
**1637 RTE 110 BROAD HOLLOW RD**  
**FARMINGDALE, NY 11735**

**AST** **A100195737**  
**N/A**

**Site 1 of 2 in cluster A**

**Relative:**  
**Lower**

**AST:**

**Actual:**  
**71 ft.**

Facility ID: 2352  
Region: SUFFOLK  
Owner Name: BROAD PROPERTIES INC  
Owner Address: 1637 RTE 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 1  
Location: ABOVE, OUT  
Installed: 79  
Capacity: 0000002000  
Content: DIESEL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 121291  
Official Use: Removed Tank. 91  
Permit to Operate: Not reported  
Tank Key: 5729  
Facility Reference #: 06271  
Tank Count: 5  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2352  
Region: SUFFOLK  
Owner Name: BROAD PROPERTIES INC  
Owner Address: 1637 RTE 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 2  
Location: ABOVE, OUT  
Installed: 79  
Capacity: 0000002000  
Content: DIESEL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 040189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 5730  
Facility Reference #: 06271  
Tank Count: 5  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2352  
Region: SUFFOLK  
Owner Name: BROAD PROPERTIES INC  
Owner Address: 1637 RTE 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 3  
Location: ABOVE, OUT  
Installed: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BROAD PROPERTIES INC (Continued)**

**A100195737**

Capacity: 0000000275  
Content: DIESEL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 121291  
Official Use: Removed Tank. 91  
Permit to Operate: Not reported  
Tank Key: 5731  
Facility Reference #: 06271  
Tank Count: 5  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2352  
Region: SUFFOLK  
Owner Name: BROAD PROPERTIES INC  
Owner Address: 1637 RTE 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 4  
Location: ABOVE, OUT  
Installed: Not reported  
Capacity: 0000000275  
Content: DIESEL  
Construction: STEEL  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 010193  
Official Use: Removed Tank. 93  
Permit to Operate: Not reported  
Tank Key: 5732  
Facility Reference #: 06271  
Tank Count: 5  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2352  
Region: SUFFOLK  
Owner Name: BROAD PROPERTIES INC  
Owner Address: 1637 RTE 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 5  
Location: ABOVE, OUT  
Installed: Not reported  
Capacity: 0000001000  
Content: DIESEL  
Construction: STEEL  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 010193  
Official Use: Removed Tank. 93  
Permit to Operate: Not reported  
Tank Key: 5733  
Facility Reference #: 06271  
Tank Count: 5  
Township: BABYLON  
Tax Map No: 0100



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BROAD PROPERTIES INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**A100195737**

[Click this hyperlink](#) while viewing on your computer to access additional NY\_AST\_SUFFOLK: detail in the EDR Site Report.

**A2  
SW  
< 1/8  
175 ft.**

**BROWN STROBER HOME CTR  
1644 ROUTE 110  
FARMINGDALE, NY**

**LTANKS  
HIST LTANKS**

**S101173492  
N/A**

**Site 2 of 2 in cluster A**

**Relative:  
Lower**

**LTANKS:**

**Actual:  
71 ft.**

Site ID: 169601  
Spill Date: 03/24/87  
Facility Addr2: Not reported  
Facility ID: 8607874  
Program Number: 8607874  
SWIS: 5220  
Region of Spill: 1  
Investigator: CXONEILL  
Referred To: Not reported  
Reported to Dept: 03/24/87  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Tank Tester  
Cleanup Ceased: 11/18/87  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 11/18/87  
Remediation Phase: 0  
Date Entered In Computer: 03/25/87  
Spill Record Last Update: 08/12/05  
Spille Namer: Not reported  
Spiller Company: BROWN STROBER HOME CTR  
Spiller Phone: (516) 249-2400  
Spiller Extention: Not reported  
Spiller Address: 1644 ROUTE 110  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8607874  
DER Facility ID: 142786  
Site ID: 169601  
Operable Unit ID: 904449  
Operable Unit: 01  
Material ID: 473365  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BROWN STROBER HOME CTR (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S101173492**

Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 169601  
Spill Tank Test: 5223  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 8607874 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "O'NEILL FD" / / : F&N TO DIG UP TANK TO FIND THE  
PROBLEM.11/18/87 2K GAL REMOVED ON 9/16/87,SOME PITTING;NO HOLES;NO SOIL  
CONTAMINATION. FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD  
ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES END DECRemark - 8607874  
Remarks: Start CallerRemark - 8607874 2K TANK FAILED PETROTITE TEST AT -.124. END  
CallerRemark - 8607874

**HIST LTANKS:**

Region of Spill: 1  
Spill Number: 8607874  
Investigator: O'NEILL FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 03/24/1987  
Spill Time: 14:00  
Reported to Department Date: 03/24/87  
Reported to Department Time: 15:39  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: BROWN STROBER HOME CTR  
Spiller Address: 1644 ROUTE 110  
Spiller City,St,Zip: FARMINGDALE, NY  
Facility Contact: Not reported  
Facility Phone: (516) 249-2400  
Facility Extension: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: 11/18/87  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BROWN STROBER HOME CTR (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S101173492**

Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 11/18/87  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/25/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/22/98  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : F N TO DIG UP TANK TO FIND THE PROBLEM. / / : F N TO DIG UP TANK TO  
FIND THE PROBLEM.11/18/87 2K GAL REMOVED ON 9/16/87,SOME PITTING;NO HOLES;NO  
SOIL CONTAMINATION.  
Spill Cause: 2K TANK FAILED PETROTITE TEST AT -.124.

**B3**  
**NNW**  
**< 1/8**  
**221 ft.**

**AIRCRAFT BEEHCRAFT**  
**RTE 110**  
**FARMINGDALE, NY**

**NY Spills** **S102140801**  
**NY Hist Spills** **N/A**

**Site 1 of 4 in cluster B**

**Relative:**  
**Equal**

**Actual:**  
**72 ft.**

NY Spills:  
Site ID: 280892  
Facility Addr2: Not reported  
Facility ID: 9507780  
Spill Number: 9507780  
Facility Type: ER  
SWIS: 3000  
Region of Spill: 1  
Investigator: NJACAMPO  
Referred To: Not reported  
Spill Date: 09/25/95  
Reported to Dept: 09/25/95  
CID: Not reported  
Spill Cause: Traffic Accident  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Affected Persons  
Cleanup Ceased: 10/03/95

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AIRCRAFT BEEHCRAFT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102140801

Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unknown Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: 10/03/95  
Remediation Phase: 0  
Date Entered In Computer: 09/28/95  
Spill Record Last Update: 10/04/95  
Spiller Name: Not reported  
Spiller Company: AIRCRAFT BEEHCRAFT  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Spiller Phone: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 9507780  
DER Facility ID: 228097  
Site ID: 280892  
Operable Unit ID: 1018643  
Operable Unit: 01  
Material ID: 362225  
Material Code: 0011  
Material Name: Jet Fuel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 30.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: 280892  
Operable Unit ID: 1018643  
Operable Unit: 01  
Material ID: 362224  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 30.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9507780 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "ACAMPORA" 10/10/95: This is additional information about  
material spilled from the translation of the old spill file: AVIATION GAS. END  
DECRemark - 9507780  
Remarks: Start CallerRemark - 9507780 PRIVATE PLANE DEPARTING AIRPORT & CRASHED CAUSING  
SPILL ON GRASS AREA BTWN TWO TAXI WAYS, PORTION OF AV GAS BURNED WITH PLANE,  
END CallerRemark - 9507780

NY Hist Spills:

Region of Spill: 1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**AIRCRAFT BEEHCRAFT (Continued)**

**S102140801**

Spill Number: 9507780  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 09/25/1995 17:10  
Reported to Dept Date/Time: 09/25/95 15:51  
SWIS: 28  
Spiller Name: AIRCRAFT BEEHCRAFT  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Traffic Accident  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 07  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Cleanup Ceased: 10/03/95  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unknown Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: 10/03/95  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 09/28/95  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 10/04/95  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 30  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
Material Class Type: Petroleum

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AIRCRAFT BEEHCRAFT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102140801

Quantity Spilled: 30  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: JET FUEL  
Class Type: JET FUEL  
Times Material Entry In File: 1264  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: AVIATION GAS.  
Remark: PRIVATE PLANE DEPARTING AIRPORT CRASHED CAUSING SPILL ON GRASS AREA BTWN TWO TAXI WAYS, PORTION OF AV GAS BURNED WITH PLANE,

B4  
NNW  
< 1/8  
221 ft.

LILCO  
RTE 110  
FARMINGDALE, NY

NY Spills S102138553  
NY Hist Spills N/A

Site 2 of 4 in cluster B

Relative:  
Equal

Actual:  
72 ft.

NY Spills:  
Site ID: 280891  
Facility Addr2: Not reported  
Facility ID: 9007877  
Spill Number: 9007877  
Facility Type: ER  
SWIS: 3000  
Region of Spill: 1  
Investigator: KMYAGER  
Referred To: Not reported  
Spill Date: 10/19/90  
Reported to Dept: 10/19/90  
CID: Not reported  
Spill Cause: Vandalism  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Responsible Party  
Cleanup Ceased: 10/22/90  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Not reported  
Spill Closed Dt: 10/22/90  
Remediation Phase: 0  
Date Entered In Computer: 10/22/90  
Spill Record Last Update: 10/23/90  
Spiller Name: Not reported  
Spiller Company: LILCO  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Spiller Phone: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 9007877

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LILCO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102138553

DER Facility ID: 228097  
Site ID: 280891  
Operable Unit ID: 945115  
Operable Unit: 01  
Material ID: 431713  
Material Code: 0016A  
Material Name: NON PCB OIL  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 50.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Sewer  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9007877 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "DEROSA" END DECRemark - 9007877  
Remarks: Start CallerRemark - 9007877 POLE FELL OVER, POLE #4. OIL IN PARKING LOT & S.D.  
MPC ENROUTE TO CLEANUP END CallerRemark - 9007877

NY Hist Spills:

Region of Spill: 1  
Spill Number: 9007877  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 10/19/1990 11:00  
Reported to Dept Date/Time: 10/19/90 13:30  
SWIS: 28  
Spiller Name: LILCO  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Vandalism  
Reported to Dept: In Sewer  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: 10/22/90  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 10/22/90  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 10/22/90  
Date Spill Entered In Computer Data File: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LILCO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102138553

Update Date: 10/23/90  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 50  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: NON PCB OIL  
Class Type: NON PCB OIL  
Times Material Entry In File: 2798  
CAS Number: Not reported  
Last Date: 19940928  
DEC Remarks: Not reported  
Remark: POLE FELL OVER, POLE 4. OIL IN PARKING LOT S.D. MPC ENROUTE TO CLEANUP

B5  
NNW  
< 1/8  
221 ft.

RTE 110  
FARMINGDALE, NY

NY Spills S104643433  
NY Hist Spills N/A

Site 3 of 4 in cluster B

Relative:  
Equal

Actual:  
72 ft.

NY Spills:  
Site ID: 77569  
Facility Addr2: Not reported  
Facility ID: 8503109  
Spill Number: 8503109  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: WXOBRIEN  
Referred To: Not reported  
Spill Date: 12/03/85  
Reported to Dept: 12/03/85  
CID: Not reported  
Spill Cause: Unknown  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Other  
Cleanup Ceased: 12/03/85  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Not reported  
Spill Closed Dt: 12/03/85  
Remediation Phase: 0  
Date Entered In Computer: 06/18/86  
Spill Record Last Update: 01/14/04  
Spiller Name: Not reported  
Spiller Company: UNK  
Spiller Address: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104643433

Spiller City,St,Zip: \*\*\*UPDATE\*\*\*, ZZ  
Spiller Company: 999  
Spiller Phone: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 8503109  
DER Facility ID: 72349  
Site ID: 77569  
Operable Unit ID: 895579  
Operable Unit: 01  
Material ID: 479524  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 8503109 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "O'BRIEN" END DECRemark - 8503109  
Remarks: Start CallerRemark - 8503109 DRAINAGE AFFECTED END CallerRemark - 8503109

NY Hist Spills:

Region of Spill: 1  
Spill Number: 8503109  
Investigator: O'BRIEN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/03/1985 12:00  
Reported to Dept Date/Time: / /  
SWIS: 47  
Spiller Name: UNK  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 07  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: 12/03/85  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104643433

Spill Class: Not reported  
Spill Closed Dt: 12/03/85  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: 09/21/87  
Date Spill Entered In Computer Data File: 06/18/86  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 09/12/97  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: Not reported  
Remark: DRAINAGE AFFECTED

B6  
NNW  
< 1/8  
221 ft.

POSS REPUBLIC AIRPORT  
RTE 110  
FARMINGDALE, NY

NY Spills S102136284  
NY Hist Spills N/A

Site 4 of 4 in cluster B

Relative:  
Equal

Actual:  
72 ft.

NY Spills:  
Site ID: 77579  
Facility Addr2: Not reported  
Facility ID: 9204287  
Spill Number: 9204287  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: NJACAMPO  
Referred To: Not reported  
Spill Date: 06/12/92  
Reported to Dept: 06/12/92  
CID: Not reported  
Spill Cause: Unknown  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Affected Persons  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

POSS REPUBLIC AIRPORT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102136284

Spill Closed Dt: / /  
Remediation Phase: 1  
Date Entered In Computer: 07/16/92  
Spill Record Last Update: 06/15/99  
Spiller Name: Not reported  
Spiller Company: POSS REPUBLIC AIRPORT  
Spiller Address: RTE 110  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller Company: 001  
Spiller Phone: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 9204287  
DER Facility ID: 72349  
Site ID: 77579  
Operable Unit ID: 968080  
Operable Unit: 01  
Material ID: 412024  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9204287 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "ACAMPORA" END DECRemark - 9204287  
Remarks: Start CallerRemark - 9204287 POLYTECHNIC UNIV REC'VD SITE ASSESSMENT RESULTS  
WHICH INDICATE CONTAMINATION IS PRESENT AT GW AS PER THEIR CONSULTANT, THIS  
CONTAMINATION IS COMING FROM UPGRADIENT SOURCE, REPUBLIC AIRPORT \*\*\*NOTE: MAY  
ALSO HAVE BEEN RECORDED AS 9204237; THIS IS THE NUMBER TO BE USED\*\*\* END  
CallerRemark - 9204287

NY Hist Spills:

Region of Spill: 1  
Spill Number: 9204287  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 06/12/1992 12:00  
Reported to Dept Date/Time: 06/12/92 12:00  
SWIS: 47  
Spiller Name: POSS REPUBLIC AIRPORT  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: RTE 110  
Spiller City,St,Zip: FARMINGDALE, NY  
Spill Cause: Unknown  
Reported to Dept: Groundwater  
Water Affected: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**POSS REPUBLIC AIRPORT (Continued)**

**S102136284**

Spill Source: 02  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 07/16/92  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 06/15/99  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: UNKNOWN PETROLEUM  
Class Type: UNKNOWN PETROLEUM  
Times Material Entry In File: 16414  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Remark: POLYTECHNIC UNIV REC VD SITE ASSESSMENT RESULTS WHICH INDICATE CONTAMINATION IS  
PRESENT AT GW AS PER THEIR CONSULTANT,THIS CONTAMINATION IS COMING FROM  
UPGRADIENT SOURCE,REPUBLIC AIRPORT \*\*\*NOTE: MAY ALSO HAVE BEEN RECORDED AS  
9204237; THIS IS THE NUMBER TO BE USED\*\*\*

7  
SE  
< 1/8  
345 ft.  
  
Relative:  
Higher  
  
Actual:  
77 ft.

**ARROW METAL SALVAGE CORP**  
**1031A CONKIN ST**  
**FARMINGDALE, NY 11735**

**RCRA-SQG 1000343865**  
**FINDS NYD980766927**  
**NY MANIFEST**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ARROW METAL SALVAGE CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000343865**

RCRAInfo:

Owner: Not reported  
EPA ID: NYD980766927  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

NY MANIFEST:

Document ID: NYB2117466  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900213  
Trans1 Recv Date: 900213  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900213  
Part A Recv Date: 900329  
Part B Recv Date: 900227  
Generator EPA ID: NYD980766927  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSDF ID: NYD981182769  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00605  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 011  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 90  
Facility Type: Generator  
EPA ID: NYD980766927  
Facility Name: ARROW METALS INCORPORATED  
Facility Address: 1031 A CONKLIN STREET

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**ARROW METAL SALVAGE CORP (Continued)**

**1000343865**

Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ARROW METALS INCORPORATED  
Mailing Contact: ALFRED OLIVOLO JR  
Mailing Address: 1031 A CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-454-8958

Document ID: NYO2697948  
Manifest Status: Completed copy  
Trans1 State ID: JA-165  
Trans2 State ID: Not reported  
Generator Ship Date: 840313  
Trans1 Recv Date: 840313  
Trans2 Recv Date: 840313  
TSD Site Recv Date: 840314  
Part A Recv Date: 840323  
Part B Recv Date: 840323  
Generator EPA ID: NYD980766927  
Trans1 EPA ID: NJD065825341  
Trans2 EPA ID: Not reported  
TSDF ID: NJD089216790  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00275  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Generator  
EPA ID: NYD980766927  
Facility Name: ARROW METALS INCORPORATED  
Facility Address: 1031 A CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: ARROW METALS INCORPORATED  
Mailing Contact: ALFRED OLIVOLO JR  
Mailing Address: 1031 A CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-454-8958

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

C8  
SSW  
< 1/8  
409 ft.

FAIRCHILD HOLD - BLDG 54  
1000 CONKLIN STREET  
FARMINGDALE, NY

NY Spills  
NY Hist Spills

EDR ID Number  
EPA ID Number

S102559979  
N/A

Relative:  
Equal

Site 1 of 7 in cluster C

Actual:  
72 ft.

NY Spills:

Site ID: 151500  
Facility Addr2: Not reported  
Facility ID: 9613218  
Spill Number: 9613218  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: GIBBONS  
Referred To: Not reported  
Spill Date: 02/07/97  
Reported to Dept: 02/07/97  
CID: 02  
Spill Cause: Vandalism  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Affected Persons  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 04/30/97  
Remediation Phase: 0  
Date Entered In Computer: 02/07/97  
Spill Record Last Update: 05/06/97  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Spiller Phone: Not reported  
Contact Name: TOM WEBB  
Contact Phone: (516) 249-5125  
DEC Region: 1  
Program Number: 9613218  
DER Facility ID: 128755  
Site ID: 151500  
Operable Unit ID: 1044711  
Operable Unit: 01  
Material ID: 341861  
Material Code: 0020A  
Material Name: TRANSFORMER OIL  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FAIRCHILD HOLD - BLDG 54 (Continued)**

**S102559979**

Remarks:      Start CallerRemark - 9613218 DISCOVERED SPILL WHILE EXAMINING BUILDING AS  
DEMOLITION IS DUE TO START MONDAY. BELIEVED TO BE CAUSED BY VANDALS TRING TO  
GET COPPER FROM THE TRANSFORMERS. SECURITY WILL KEEP WATCH . CLEANUP NOT  
STARTED. REQUESTS DEC CONTACT. END CallerRemark - 9613218

NY Hist Spills:

Region of Spill:                    1  
Spill Number:                    9613218  
Investigator:                    GIBBONS  
Caller Name:                    Not reported  
Caller Agency:                   Not reported  
Caller Phone:                   Not reported  
Notifier Name:                   Not reported  
Notifier Agency:                Not reported  
Notifier Phone:                Not reported  
Spill Date/Time:                02/07/1997 10:30  
Reported to Dept Date/Time:   02/07/97 12:37  
SWIS:                              47  
Spiller Name:                    UNKNOWN  
Spiller Contact:                Not reported  
Spiller Phone:                   Not reported  
Spiller Contact:                TOM WEBB  
Spiller Phone:                   (516) 249-5125  
Spiller Address:                Not reported  
Spiller City,St,Zip:            Not reported  
Spill Cause:                    Vandalism  
Reported to Dept:               On Land  
Water Affected:                Not reported  
Spill Source:                    01  
Spill Notifier:                   Affected Persons  
PBS Number:                    Not reported  
Cleanup Ceased:                / /  
Cleanup Meets Std:              True  
Last Inspection:                / /  
Recommended Penalty:        Penalty Not Recommended  
Spiller Cleanup Dt:              / /  
Enforcement Date:              / /  
Invstgn Complete:              / /  
UST Involvement:               False  
Spill Class:                    Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt:                04/30/97  
Corrective Action Plan Submitted:    / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File:    02/07/97  
Date Spill Entered In Computer Data File:    Not reported  
Update Date:                    05/06/97  
Is Updated:                    False  
PBS Number:                    Not reported  
Tank Number:                   Not reported  
Tank Size:                    Not reported  
Test Method:                   Not reported  
Leak Rate Failed Tank:        Not reported  
Gross Leak Rate:               Not reported  
Material Class Type:            Petroleum  
Quantity Spilled:               0  
Unkonwn Quantity Spilled:    False



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD HOLD - BLDG 54 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102559979

Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: TRANSFORMER OIL  
Class Type: TRANSFORMER OIL  
Times Material Entry In File: 533  
CAS Number: Not reported  
Last Date: 19940926  
DEC Remarks: 3 TRANSFORMERS OUTSIDE SPILLED ONTO SOIL AND CONCRETE, SOAKED INTO SOIL. PCB QUICK TEST SAYS POSITIVE FOR PCB, TO SECURE AREA AND ARRANGE FOR CLEANUP CONTAMINATED SOIL REMOVED AND DISPOSED OF  
Remark: DISCOVERED SPILL WHILE EXAMINING BUILDING AS DEMOLISHION IS DUE TO START MONDAY. BELIEVED TO BE CAUSED BY VANDALS TRING TO GET COPPER FROM THE TRANSFORMERS. SECURITY WILL KEEP WATCH . CLEANUP NOT STARTED. REQUESTS DEC CONTACT.

C9  
SSW  
< 1/8  
409 ft.

FAIRCHILD HOLDING CORP  
1000 CONKLIN STREET  
FARMINGDALE, NY

NY Spills S103571689  
NY Hist Spills N/A

Site 2 of 7 in cluster C

Relative:  
Equal

Actual:  
72 ft.

NY Spills:  
Site ID: 151502  
Facility Addr2: Not reported  
Facility ID: 9712496  
Spill Number: 9712496  
Facility Type: ER  
SWIS: 5220  
Region of Spill: 1  
Investigator: DHRAYMON  
Referred To: Not reported  
Spill Date: 02/06/98  
Reported to Dept: 02/09/98  
CID: 02  
Spill Cause: Other  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/02/05  
Remediation Phase: 0  
Date Entered In Computer: 02/09/98  
Spill Record Last Update: 12/05/05  
Spiller Name: TOM WEBB  
Spiller Company: FAIRCHILD HOLDING CORP  
Spiller Address: 1000 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller Company: 001  
Spiller Phone: (516) 755-1037  
Contact Name: TOM WEBB  
Contact Phone: (516) 755-1037

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD HOLDING CORP (Continued)**

**S103571689**

DEC Region: 1  
Program Number: 9712496  
DER Facility ID: 306455  
Site ID: 151502  
Operable Unit ID: 1055362  
Operable Unit: 01  
Material ID: 327100  
Material Code: 0055A  
Material Name: PAINT  
Case No.: Not reported  
Material FA: Other  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9712496 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "RAYMOND" TANK REMOVED END DECRemark - 9712496  
Remarks: Start CallerRemark - 9712496 REMOVING WASTE TANK FROM SITE AND FOUND POSSIBLE  
CONTAMINATION END CallerRemark - 9712496

**NY Hist Spills:**

Region of Spill: 1  
Spill Number: 9712496  
Investigator: RAYMOND  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 02/06/1998 12:00  
Reported to Dept Date/Time: 02/09/98 12:05  
SWIS: 47  
Spiller Name: FAIRCHILD HOLDING CORP  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Address: 1000 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY  
Spill Cause: Other  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD HOLDING CORP (Continued)**

**S103571689**

Spill Closed Dt:                    / /  
Corrective Action Plan Submitted:                    / /  
Date Region Sent Summary to Central Office:                    / /  
Date Spill Entered In Computer Data File:                    02/09/98  
Date Spill Entered In Computer Data File:                    Not reported  
Update Date:                    02/11/98  
Is Updated:                    False  
PBS Number:                    Not reported  
Tank Number:                    Not reported  
Tank Size:                    Not reported  
Test Method:                    Not reported  
Leak Rate Failed Tank:                    Not reported  
Gross Leak Rate:                    Not reported  
Material Class Type:                    Hazardous Material  
Quantity Spilled:                    0  
Unkonwn Quantity Spilled:                    True  
Units:                    Gallons  
Quantity Recovered:                    0  
Unkonwn Quantity Recovered: True  
Material:                    PAINT  
Class Type:                    PAINT  
Times Material Entry In File:                    431  
CAS Number:                    Not reported  
Last Date:                    19940929  
DEC Remarks:                    TANK REMOVED  
Remark:                    REMOVING WASTE TANK FROM SITE AND FOUND POSSIBLE CONTAMINATION

**C10**  
**SSW**  
**< 1/8**  
**409 ft.**

**FAIRCHILD REPUBLIC AIRCRAFT; OLD SUMP**  
**ROUTE 110 (BROADWAY)**  
**EAST FARMINGDALE, NY 11735**

**SHWS**    **S106905121**  
**INST CONTROL**    **N/A**

**Site 3 of 7 in cluster C**

**Relative:**  
**Equal**

**Actual:**  
**72 ft.**

**SHWS:**

Program:                    HW  
Site Code:                    55809  
Classification:                    C  
Region:                    1  
Acres:                    13  
HW Code:                    152004  
Record Add:                    1999-11-18 12:00:00  
Record Upd:                    2006-03-22 11:13:00  
Updated By:                    JBSWARTO

Site Description:                    The site involves a storm water sump formerly used by Fairchild Ind. Inc. for runoff and disposal from the main plant area (Site ID No. 152130). The Fairchild manufacturing plant produced sludge from metal precipitation alodining, anodizing, chemical milling and wash water paint spray booths. A study conducted in 1982 by York Wastewater Consultants, Inc. for Fairchild Republic, Inc. revealed high levels of metals in the sediments of the sump. Groundwater and surface water had levels considerably lower, but still exceeded drinking water standards for iron. Additional monitoring wells installed for Fairchild Republic in 1987, found low levels of metals (iron, sodium, magnesium, arsenic, lead and chromium) and volatile organic compounds (tetrachloroethylene, trichloroethylene, 1,1,1 trichloroethane, PCBs, and others). Further investigation in September of 1988 included an extensive sediment sampling program. The Fairchild Corporation signed a Consent Order with the Department to conduct a Remedial Investigation/Feasibility Study (RI/FS) in 1992. The RI/FS has been completed. The basin is not a current

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC AIRCRAFT; OLD SUMP (Continued)**

**S106905121**

source of groundwater contamination. The March 1996 Record of Decision called for limited action and institutional controls including fence maintenance and deed restrictions with an option to fill in the basin with appropriate deed restrictions. The NYSDEC executed a Consent Order with Fairchild to fill in the recharge basin with acceptable alternative grading material and soils from demolition of the Main Plant Site. This work was completed in 1998. Subsequently, the soils management plan and appropriate deed restrictions were finalized (2004) so that the property could be redeveloped. The soils management plan details how the deed restrictions will be maintained through an environmental easement. Legal issues with the NYSDOT need to be resolved before the environmental easement is filed. The redevelopment plans are under way and the property is under contract for sale to the Stew Leonard's Corporation pending the resolution of legal issues.

Environmental Problems: Contaminated soils and sediments remain buried in the former recharge basin.

Health Problems Assessment: Groundwater in the area of the recharge basin is contaminated with solvents. Exposure to site-related compounds in drinking water is unlikely since homes and businesses in the vicinity of this site are connected to public water. Elevated levels of metals and polychlorinated biphenyls have been detected in the on-site sediments. Although the fence around the entire perimeter of the site and "hazardous waste" warning signs generally restrict on-site access, older children reportedly trespass on occasion. Exposure to contaminated sediments is likely to be minimal since sediments are always covered by 27 to 40 feet of surface water. It is likely that the basin will be filled in the near future.

Dump: False  
Structure: False  
Lagoon: True  
Landfill: False  
Pond: False  
Disp Start: 1940  
Disp Term: 1987  
Lat/Long: 40:44:16:0 / 73:25:08:0  
Dell: F  
Record Add: 11/18/99  
Record Upd: 11/18/99  
Updated By: INITIAL  
Own Op: 03  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: FAIRCHILD INDUSTRIES, INC.  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
Own Op: 04  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: Fairchild Miller Corp.  
Owner Address: Conklin Street  
Owner Addr2: Not reported  
Owner City,St,Zip: Farmingdale, NY 11735  
Owner Country: United States of America  
Own Op: 01  
Sub Type: E  
Owner Name: B. MICHAEL HODGE, ESQ.  
Owner Company: FAIRCHILD INDUSTRIES, INC.  
Owner Address: P.O. BOX 10803, 300 W. SERVICE RD.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC AIRCRAFT; OLD SUMP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S106905121**

Owner Addr2: Not reported  
Owner City,St,Zip: CHANTILLY, VA 22021  
Owner Country: United States of America  
Own Op: 04  
Sub Type: E  
Owner Name: Not reported  
Owner Company: FAIRCHILD INDUSTRIES, INC.  
Owner Address: CONKLIN ST.  
Owner Addr2: Not reported  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Owner Country: United States of America  
Own Op: 01  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: Mairoll, Inc.  
Owner Address: PO Box 10803 300 West Service Road  
Owner Addr2: Not reported  
Owner City,St,Zip: Chantilly, VA 22021  
Owner Country: United States of America  
HW Code: 152004  
Waste Type: METAL SLUDGES CONTAINING: CHROMIUM, TITANIUM,  
Waste Quantity: 340 GALLONS/DAY  
Waste Code: Not reported  
HW Code: 152004  
Waste Type: LEAD, ALUMINUM, COPPER, CADMIUM  
Waste Quantity: (NOT CURRENTLY)  
Waste Code: Not reported  
HW Code: 152004  
Waste Type: SOLVENTS IN DISCHARGE WATER INCLUDING:  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152004  
Waste Type: 1,2-DICHLOROETHENE & 1,1,1-TRICHLOROETHANE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152004  
Waste Type: TETRACHLOROETHYLENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152004  
Waste Type: (FOO1) (DOO8) (DOO6) (DOO7)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: 011  
Cross Ref Type Code: 14  
Cross Ref Type: Assembly District  
Record Added Date: 11/18/99  
Record Updated: 02/24/05  
Updated By: INITIAL  
Crossref ID: 02  
Cross Ref Type Code: 15  
Cross Ref Type: Congressional District  
Record Added Date: 11/18/99  
Record Updated: 02/24/05  
Updated By: INITIAL  
Crossref ID: NYD000512467  
Cross Ref Type Code: 05

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC AIRCRAFT; OLD SUMP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Cross Ref Type: EPA Site ID  
Record Added Date: 11/18/99  
Record Updated: 05/10/01  
Updated By: REGTRANS  
Crossref ID: NYD079818555  
Cross Ref Type Code: 06  
Cross Ref Type: RCRA ID  
Record Added Date: 11/18/99  
Record Updated: 02/24/05  
Updated By: INITIAL

**S106905121**

**INST CONTROL:**

Site Code: 55809  
Control Name: Deed Restriction  
HW Code: 152004  
Control Code: A  
Control Type: INST  
Dt record added: 07/14/04  
Dt rec updated: 07/14/04  
Updated By: Not reported  
Env Problem: Contaminated soils and sediments remain buried in the former recharge basin.  
Health Problem: Groundwater in the area of the recharge basin is contaminated with solvents.

Exposure to site-related compounds in drinking water is unlikely since homes and businesses in the vicinity of this site are connected to public water. Elevated levels of metals and polychlorinated biphenyls have been detected in the on-site sediments. Although the fence around the entire perimeter of the site and "hazardous waste" warning signs generally restrict on-site access, older children reportedly trespass on occasion. Exposure to contaminated sediments is likely to be minimal since sediments are always covered by 27 to 40 feet of surface water. It is likely that the basin will be filled in the near future.

Site Description: The site involves a storm water sump formerly used by Fairchild Ind. Inc. for runoff and disposal from the main plant area (Site ID No. 152130). The Fairchild manufacturing plant produced sludge from metal precipitation alodining, anodizing, chemical milling and wash water paint spray booths. A study conducted in 1982 by York Wastewater Consultants, Inc. for Fairchild Republic, Inc. revealed high levels of metals in the sediments of the sump. Groundwater and surface water had levels considerably lower, but still exceeded drinking water standards for iron. Additional monitoring wells installed for Fairchild Republic in 1987, found low levels of metals (iron, sodium, magnesium, arsenic, lead and chromium) and volatile organic compounds (tetrachloroethylene, trichloroethylene, 1,1,1 trichloroethane, PCBs, and others). Further investigation in September of 1988 included an extensive sediment sampling program. The Fairchild Corporation signed a Consent Order with the Department to conduct a Remedial Investigation/Feasibility Study (RI/FS) in 1992. The RI/FS has been completed. The basin is not a current source of groundwater contamination. The March 1996 Record of Decision called for limited action and institutional controls including fence maintenance and deed restrictions with an option to fill in the basin with appropriate deed restrictions. The NYSDEC executed a Consent Order with Fairchild to fill in the recharge basin with acceptable alternative grading material and soils from demolition of the Main Plant Site. This work was completed in 1998. Subsequently, the soils management plan and appropriate deed restrictions were finalized (2004) so that the property could be redeveloped. The soils management plan details how the deed restrictions will be maintained through an environmental easement. Legal issues with the NYSDOT need to be resolved before the environmental easement is filed. The redevelopment plans are under way and

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC AIRCRAFT; OLD SUMP (Continued)

EDR ID Number  
EPA ID Number

S106905121

the property is under contract for sale to the Stew Leonard's Corporation  
pending the resolution of legal issues.

C11  
SSW  
< 1/8  
409 ft.

FAIRCHILD REPUBLIC  
1000 CONKLIN STREET  
EAST FARMINGDALE, NY

NY Spills  
NY Hist Spills

S104504149  
N/A

Site 4 of 7 in cluster C

Relative:  
Equal

Actual:  
72 ft.

NY Spills:  
Site ID: 151501  
Facility Addr2: Not reported  
Facility ID: 9711863  
Spill Number: 9711863  
Facility Type: ER  
SWIS: 5220  
Region of Spill: 1  
Investigator: DHRAYMON  
Referred To: Not reported  
Spill Date: 01/22/98  
Reported to Dept: 01/22/98  
CID: 02  
Spill Cause: Other  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/02/05  
Remediation Phase: 0  
Date Entered In Computer: 01/22/98  
Spill Record Last Update: 12/07/05  
Spiller Name: TOM WEBB  
Spiller Company: FAIRCHILD REPUBLIC  
Spiller Address: 1000 CONKLIN ST  
Spiller City,St,Zip: EAST FARMINGDALE, NY  
Spiller Company: 001  
Spiller Phone: (516) 755-1037  
Contact Name: TOM WEBB  
Contact Phone: (516) 755-1037  
DEC Region: 1  
Program Number: 9711863  
DER Facility ID: 276367  
Site ID: 151501  
Operable Unit ID: 1058230  
Operable Unit: 01  
Material ID: 558122  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104504149

Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 151501  
Operable Unit ID: 1058230  
Operable Unit: 01  
Material ID: 558123  
Material Code: 0059A  
Material Name: SOLVENTS  
Case No.: Not reported  
Material FA: Other  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9711863 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "RAYMOND" 01/22/98 (A): While performing demolition work as  
part of redevelopment, an unk 550gal tank was found. 01/22/98 (B):  
Spills (D Raymond)responded- Met James Symon (DEC Solid Waste monitor), Tom  
Webb (Fairchild), and Brookside Environmental. Solid Waste is overseeing the  
demolition and disposal of the debris. 01/22/98 (C): Site was  
formerly an aircraft manufacturing factory for many decades. Had been many  
buildings here; this particular one was Building 17. Tank was at SW corner of  
the building. Site shut down in 1987. 01/22/98 (D): \*\*\*NOTE: SITE IS  
ON SUPERFUND LIST (#1-52-130), AND IS BEING OVERSEENBY ALBANY.\*\*\*  
01/22/98 (E): Found 1 1.5" x 3/4" hole, 1 1/4" hole, and 1 1/8" hole on N end.  
01/22/98 (F): Found 2 1/4" holes and several pinholes on bottom.  
01/22/98 (G): Tank had contained what appeared to be "waste oil", but material  
also had solvent odor. 01/22/98 (H): Some black, oily sand and gravel  
at shallow depth. Dug through this to tan sand (approx 15ft below grade).  
01/22/98 (I): No discoloration at this depth, but sand still had oily look  
and feel to it. No noticeable odor. Approx 30-35cy removed. 01/22/98  
(J): Endpoint sample taken. 01/22/98 (K): Have sketch and photos.  
01/28/98 (A): MAC Consultants (general contractor) report- Tank had been  
part of a vapordegreaser system. Enclose lab data and site map.  
01/28/98 (C): Contents of tank included 2-butanone, trichloroethene, toluene,  
tetrachloroethene, 4methyl2pentanone, phenols, and some others. 01/28/98  
(D): Found 17ppb trichloroethenein soil via EPA 8021; all other EPA 8021 and  
8270 parameters were NonDetect. 01/28/98 (E): Found 276ppb  
trichlorethene, 74ppb tetrachlorethene, and 16ppb 1,1,1 trichlorethane in the  
STOCKPILE via EPA 8240. 01/28/98 (F): \*\*\*THERE HADBEEN A SOIL VAPOR  
EXTRACTION SYSTEM IN THIS GENERAL AREA. CLOSEST VAPOR WELL WAS APPROX 80FT  
AWAY???\*\*\* Haz Waste had okayed its removal May97. 02/06/98:  
\*\*\*ANOTHER 550 GAL TANK WAS FOUND, THIS ONE JUST TO THE EAST, IN AREA OF  
BUILDING 63.SEE IT FOR HISTORY.\*\*\* SEE ALSO 97-12496 ANOTHER 550 FOUND FEB 6  
98 END DECRemark - 9711863  
Remarks: Start CallerRemark - 9711863 during excavation an underground 500 gal tank was  
encountered and contaminated soil was found END CallerRemark - 9711863

NY Hist Spills:  
Region of Spill: 1  
Spill Number: 9711863  
Investigator: RAYMOND  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC (Continued)**

**S104504149**

Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 01/22/1998 14:00  
Reported to Dept Date/Time: 01/22/98 15:35  
SWIS: 47  
Spiller Name: FAIRCHILD REPUBLIC  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Address: 1000 CONKLIN ST  
Spiller City,St,Zip: EAST FARMINGDALE, NY  
Spill Cause: Other  
Reported to Dept: Groundwater  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 01/22/98  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 06/01/99  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: UNKNOWN PETROLEUM  
Class Type: UNKNOWN PETROLEUM  
Times Material Entry In File: 16414  
CAS Number: Not reported  
Last Date: 19940929  
Material Class Type: Hazardous Material  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104504149

Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: SOLVENTS  
Class Type: SOLVENTS  
Times Material Entry In File: 424  
CAS Number: Not reported  
Last Date: 19940928  
DEC Remarks: 01/22/98 A): While performing demolition work as part of redevelopment, an unk 550gal tank was found. 01/22/98 B): Spills D Raymond) responded- Met James Symon DEC Solid Waste monitor), Tom Webb Fairchild), and Brookside Environmental. Solid Waste is overseeing the demolition and disposal of the debris. 01/22/98 C): Site was formerly an aircraft manufacturing factory for many decades. Had been many buildings here; this particular one was Building 17. Tank was at SW cornerof the building. Site shut down in 1987. 01/22/98 D): \*\*\*NOTE: SITE IS ON SUPERFUND LIST 1-52-130), AND IS BEING OVERSEEN BY ALBANY.\*\*\* 01/22/98 E): Found 1 1.5 x 3/4 hole, 1 1/4 hole, and 1 1/8 hole on N end. 01/22/98 F): Found 2 1/4 holes and several pinholes on bottom. 01/22/98 G): Tank had contained what appeared to be waste oil , but material also had solvent odor. 01/22/98 H): Some black, oily sand and gravel at shallow depth. Dug through this to tan sand approx 15ft below grade). 01/22/98 I): No discoloration at this depth, but sand still had oily look and feel to it. No noticeable odor. Approx 30-35cy removed. 01/22/98 J): Endpoint sample taken. 01/22/98 K): Have sketch and photos. 01/28/98 A): MAC Consultants general contractor) report- Tank had been part of a vapor degreaser system. Enclose lab data and site map. 01/28/98 C): Contents of tank included 2-butanone, trichloroethene, toluene, tetrachloroethene, 4methyl2pentanone, phenols, and some others. 01/28/98 D): Found 17ppb trichloroethene in soil via EPA 8021; all other EPA 8021 and 8270 parameters were NonDetect. 01/28/98 E): Found 276ppb trichlorethene, 74ppb tetrachlorethene, and 16ppb 1,1,1 trichlorethane in the STOCKPILE via EPA 8240. 01/28/98 F): \*\*\*THERE HAD BEEN A SOIL VAPOR EXTRACTION SYSTEM IN THIS GENERAL AREA. CLOSEST VAPOR WELL WAS APPROX 80FT AWAY???\*\*\* Ha Waste had okayed its removal May97. 02/06/98: \*\*\*ANOTHER 550 GAL TANK WAS FOUND, THIS ONE JUST TO THE EAST, IN AREA OF BUILDING 63. SEE IT FOR HISTORY.\*\*\*  
Remark: during excavation an underground 500 gal tank was encountered and containinated soil was found

C12  
SSW  
< 1/8  
409 ft.  
Relative:  
Equal  
Actual:  
72 ft.

FAIRCHILD REPUBLIC CO.  
CONKLIN ST  
FARMINGDALE, NY 11735  
Site 5 of 7 in cluster C

RCRA-SQG 1000354420  
SHWS NYD079818555  
FINDS  
UST  
CORRACTS  
AST  
NY Spills  
NY MANIFEST  
US ENG CONTROLS  
US INST CONTROL  
NY Hist Spills  
CT MANIFEST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

RCRAInfo Corrective Action Summary:

Event: Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 07/28/2005

Event: CA770GW

Event Date: 05/01/2005

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event Date: 01/13/2004

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 09/24/2001

Event: CA770GW

Event Date: 09/17/2001

Event: CA772EP

Event Date: 03/30/1999

Event: RFI Approved

Event Date: 03/30/1998

Event: CA772EP

Event Date: 03/30/1998

Event: CMI Workplan Approved

Event Date: 12/30/1997

Event: Certification Of Remedy Completion Or Construction Completion

Event Date: 01/30/1997

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 08/22/1996

Event: RFI Approved

Event Date: 06/30/1996

Event: CA770GW

Event Date: 06/30/1996

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Event: CA770NG  
Event Date: 06/30/1996  
  
Event: CA772ID  
Event Date: 06/30/1996  
  
Event: CA772EP  
Event Date: 06/30/1996  
  
Event: CMS Approved  
Event Date: 06/20/1996  
  
Event: CA770NG  
Event Date: 01/01/1996  
  
Event: Stabilization Construction Completed  
Event Date: 10/30/1995  
  
Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
Event Date: 03/30/1992  
  
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective  
Action referred to another non-RCRA Federal Authority.  
Event Date: 03/30/1992  
  
Event: RFI Workplan Approved  
Event Date: 03/30/1992  
  
Event: Stabilization Measures Implemented, Primary measure is exposure control by  
barrier and/or institutional control (e.g., capping, fencing, deed  
restrictions).  
Event Date: 03/30/1992  
  
Event: Stabilization Measures Implemented, Primary measure is source removal and/or  
treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site  
treatment).  
Event Date: 03/30/1992  
  
Event: RFI Imposition  
Event Date: 03/30/1992  
  
Event: RFA Completed  
Event Date: 02/18/1987

RCRAInfo:  
Owner: FAIRCHILD REPUBLIC CO  
(516) 531-3326  
EPA ID: NYD079818555  
Contact: THOMAS G WEBB  
(516) 531-3332

Classification: Small Quantity Generator  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/31/1987
Actual Date Achieved Compliance:	08/26/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/31/1987
Penalty Type:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

**1000354420**

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/19/1986
Actual Date Achieved Compliance:	02/26/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/20/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/19/1986
Actual Date Achieved Compliance:	02/26/1987
Enforcement Action:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date:	02/05/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/21/1986
Actual Date Achieved Compliance:	06/17/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/13/1986
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/19/1984
Actual Date Achieved Compliance:	06/19/1984
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/04/1984
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/19/1984
Actual Date Achieved Compliance:	06/19/1984
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/02/1984
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/02/1984
Actual Date Achieved Compliance:	06/07/1984
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/02/1984
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	05/02/1984
Actual Date Achieved Compliance:	06/07/1984
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/02/1984
Penalty Type:	Not reported

There are 8 violation record(s) reported at this site:

Evaluation

Area of Violation

Date of  
Compliance

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870826
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870226
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870226
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860617
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840619
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840619
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840607
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840607

**1000354420**

**SHWS:**

Program: HW  
Site Code: 55881  
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Region: 1  
Acres: 0.53  
HW Code: 152130  
Record Add: 1999-11-18 12:00:00  
Record Upd: 2006-03-22 11:33:00  
Updated By: JBSWARTO

Site Description: Fairchild Republic manufactured airplanes for the Air Force from the 1930s until 1986. Contamination occurred from spills and leaks in tanks, pipelines and various manufacturing processes. Monitoring well data confirmed that the groundwater is contaminated by tetrachloroethylene, trichloroethylene and 1,2-dichloroethene. A RI/FS completed under a 1992 Consent Order delineated the extent of the contaminated groundwater and identified the source areas of the contamination. Groundwater flows in a south-southeast direction toward Route 109 and the Southern State Parkway. Soil contamination in Building 17 was addressed using soil vapor extraction methods under an IRM. Site boundaries were modified in 1994 from 12 acres to approximately 4 acres in response to a petition from Fairchild. A ROD was signed in March of 1998. An IRM has been implemented to connect private wells downgradient of the site to public water and another IRM involving the excavation and removal of chromium contaminated soils has been completed. All soil contamination sources have been addressed through these IRMs. The ROD calls for the installation and operation of a pump and treat system to address the contaminated groundwater related to this site and a wellhead treatment contingency for downgradient public water supply wells. Site boundaries were further reduced at the conclusion of contaminated soil remediation programs to include only the 0.53 acre, southeast corner portion of the previously reduced 4 acre parcel. All the former site buildings, including the slabs and footings, have been demolished and removed from the site. Pre-design field work started in December 2000 for monitoring well installation and concluded with the October 2001 pump test. The OM&M plan is also draft final and groundwater monitoring has been in effect since 2001. The remedial construction of the groundwater extraction is complete and the treatment system went on-line January 2005. Fairchild has agreed to undertake the testing necessary to investigate the potential for vapor intrusion into nearby buildings.

Environmental Problems: During the course of site operations, hazardous wastes were generated, creating an extensive offsite trichloroethylene (TCE) and perchloroethylene (PCE) VOC plume. This impacted the upper glacial and Magothy aquifers. As part of the State Superfund remediation, two Interim Remedial Measures (IRMs) have removed the volatile organic compound (VOC) soil source areas of contamination. What remains of the VOC contamination is a groundwater plume migrating south-southeast in the upper glacial and Upper Magothy aquifers. The pump and treat system is now on line at the southern end of Republic Airport. There are no direct environmental concerns with this site at this time.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Health Problems Assessment: A soil vapor extraction system is in place as an interim remedial measure to remove volatile organic compounds (VOCs) from contaminated soil. A pump and treat system is remediating contaminated groundwater on the Fairchild Republic property. Public water supply wells adjacent to the site have been upgraded with treatment systems or have been taken off-line. These supply wells are routinely monitored to insure that drinking water quality meets NYS drinking water standards. Although most homes and businesses in the vicinity of the site are supplied with public drinking water, some downgradient private wells were identified during a 1995 private well survey. The downgradient homes with private wells were connected to public drinking water. Any additional downgradient private wells will be connected to public water, if necessary.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: 1938  
Disp Term: 1987  
Lat/Long: 40:44:17:0 / 73:25:21:0  
Dell: F  
Record Add: 11/18/99  
Record Upd: 11/18/99  
Updated By: DJFARRAR  
Own Op: 03  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: SEVERSKI AIRCRAFT/REPUBLIC AIRCRAFT  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
Own Op: 01  
Sub Type: E  
Owner Name: Not reported  
Owner Company: SEVERSKI AIRCRAFT/REPUBLIC AIRCRAFT  
Owner Address: P.O. BOX 10803  
Owner Addr2: Not reported  
Owner City,St,Zip: CHANTILY, VA  
Owner Country: United States of America  
Own Op: 04  
Sub Type: E  
Owner Name: Not reported  
Owner Company: SEVERSKI AIRCRAFT/REPUBLIC AIRCRAFT  
Owner Address: P.O. BOX 10803  
Owner Addr2: Not reported  
Owner City,St,Zip: CHANTILY, VA  
Owner Country: United States of America  
Own Op: 04  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: Fairchild Corporation  
Owner Address: PO Box 10803  
Owner Addr2: Not reported  
Owner City,St,Zip: Chantilly, VA 20151  
Owner Country: United States of America  
Own Op: 01  
Sub Type: NNN

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Owner Name: Not reported  
Owner Company: Mairoll, Inc.  
Owner Address: PO Box 10803  
Owner Addr2: Not reported  
Owner City,St,Zip: Chantilly, VA 20151  
Owner Country: United States of America  
HW Code: 152130  
Waste Type: VINYL CHLORIDE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152130  
Waste Type: TETRACHLOROETHYLENE {(PCE OR "PERC.") (F001)}  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152130  
Waste Type: 1,1-DICHLOROETHANE (UO78)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152130  
Waste Type: 1,2-DICHLOROETHYLENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: Not reported  
Cross Ref Type Code: Not reported  
Cross Ref Type: Not reported  
Record Added Date: Not reported  
Record Updated: Not reported  
Updated By: Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

UST:

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 1  
Location: UNDER, OUT  
Installed: 71  
Capacity: 0000002000  
Content: ORGANIC SOLVENT  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 010187  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6126  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100 050.00 001 005.000

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 2  
Location: UNDER, OUT  
Installed: 79  
Capacity: 0000002000  
Content: ORGANIC SOLVENT  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 110287  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6127  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100 050.00 001 005.000

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 3  
Location: UNDER, OUT  
Installed: 79  
Capacity: 0000002000  
Content: ORGANIC SOLVENT  
Construction: STEEL  
Dispenser: SUCTION

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Fill Type: GRAVITY  
Date Removed: 110287  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6128  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100 050.00 001 005.000

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 4  
Location: UNDER, OUT  
Installed: 75  
Capacity: 0000012000  
Content: JET FUEL  
Construction: Not reported  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 110287  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6129  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100 050.00 001 005.000

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 5  
Location: UNDER, OUT  
Installed: 41  
Capacity: 0000015000  
Content: #6 Fuel Oil  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 010187  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6130  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100 050.00 001 005.000

[Click this hyperlink](#) while viewing on your computer to access  
67 additional NY\_UST\_SUFFOLK: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**CORRACTS:**

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 01/01/1996  
Action: CA770NG  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 01/13/2004  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 01/30/1997  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 02/18/1987  
Action: CA050 - RFA Completed  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 03/30/1992  
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1992  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Actual Date: 03/30/1992  
Action: CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority,  
Corrective Action referred to another non-RCRA Federal Authority  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1992  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is  
source removal and/or treatment  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1992  
Action: CA100 - RFI Imposition  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 03/30/1992  
Action: CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority,  
Corrective Action referred to another non-RCRA Federal Authority  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 03/30/1992  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 03/30/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1998  
Action: CA772EP  
NAICS Code(s): 0

EPA ID: NYD079818555

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/30/1999  
Action: CA772EP  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 05/01/2005  
Action: CA770GW  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 06/20/1996  
Action: CA350 - CMS Approved  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 06/30/1996  
Action: CA770GW  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 06/30/1996  
Action: CA770NG  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 06/30/1996  
Action: CA772ID  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 06/30/1996  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 06/30/1996  
Action: CA772EP  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

**1000354420**

Area Name: SITEWIDE  
Actual Date: 07/28/2005  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,  
Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 08/22/1996  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low  
corrective action priority  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 09/17/2001  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human  
Exposures Under Control has been verified  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 09/17/2001  
Action: CA770GW  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 10/30/1995  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 0

EPA ID: NYD079818555  
EPA Region: 2  
Area Name: OLD PUMP (152004)  
Actual Date: 12/30/1997  
Action: CA500 - CMI Workplan Approved  
NAICS Code(s): 0

AST:  
Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 39  
Location: ABOVE, IN  
Installed: 81  
Capacity: 0000002000  
Content: HYDRAULIC OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Date Removed: 040588  
Official Use: Removed Tank. 88  
Permit to Operate: Not reported  
Tank Key: 6162  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 40  
Location: ABOVE, IN  
Installed: 81  
Capacity: 0000002000  
Content: HYDRAULIC OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 041488  
Official Use: Removed Tank. 88  
Permit to Operate: Not reported  
Tank Key: 6163  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 41  
Location: ABOVE, IN  
Installed: 81  
Capacity: 0000002000  
Content: HYDRAULIC OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 041488  
Official Use: Removed Tank. 88  
Permit to Operate: Not reported  
Tank Key: 6164  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 11  
Location: ABOVE, OUT  
Installed: 77  
Capacity: 0000002700  
Content: INDUSTRIAL WASTE  
Construction: STEEL  
Dispenser: GRAVITY  
Fill Type: PUMPED  
Date Removed: 032687  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6136  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100  
  
Facility ID: 2432  
Region: SUFFOLK  
Owner Name: FAIRCHILD INDUSTRIES  
Owner Address: 301 SERVICE RD POB 10803  
Owner City,St,Zip: CHANTILLY, VA 22021  
Tank ID: 12  
Location: ABOVE, OUT  
Installed: 69  
Capacity: 0000002000  
Content: ORGANIC SOLVENT  
Construction: STEEL  
Dispenser: GRAVITY  
Fill Type: PUMPED  
Date Removed: 032687  
Official Use: Removed Tank. 87  
Permit to Operate: Not reported  
Tank Key: 6137  
Facility Reference #: 06394  
Tank Count: 90  
Township: BABYLON  
Tax Map No: 0100

[Click this hyperlink](#) while viewing on your computer to access  
13 additional NY\_AST\_SUFFOLK: record(s) in the EDR Site Report.

**NY Spills:**

Site ID: 298960  
Facility Addr2: Not reported  
Facility ID: 8704581  
Spill Number: 8704581  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: NJACAMPO  
Referred To: Not reported  
Spill Date: 09/02/87  
Reported to Dept: 09/02/87  
CID: Not reported  
Spill Cause: Equipment Failure



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Responsible Party  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Remediation Phase: 1  
Date Entered In Computer: 09/04/87  
Spill Record Last Update: 06/27/97  
Spiller Name: Not reported  
Spiller Company: FAIRCHILD REPUBLIC  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Spiller Phone: (516) 531-2527  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 8704581  
DER Facility ID: 241870  
Site ID: 298960  
Operable Unit ID: 911070  
Operable Unit: 01  
Material ID: 467211  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
DEC Remarks: Start DECRemark - 8704581 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "ACAMPORA WELL" / / : PADS PLACED IN DRY WELL. END  
DECRemark - 8704581  
Remarks: Start CallerRemark - 8704581 BROKEN PETROMETER/IN BASEMENT & IN DRY WELL END  
CallerRemark - 8704581  
Site ID: 298958  
Facility Addr2: Not reported  
Facility ID: 8602047  
Spill Number: 8602047  
Facility Type: ER  
SWIS: 5220  
Region of Spill: 1  
Investigator: NJACAMPO  
Referred To: Not reported  
Spill Date: 06/25/86  
Reported to Dept: 06/25/86  
CID: Not reported  
Spill Cause: Equipment Failure

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Responsible Party  
Cleanup Ceased: 06/04/87  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Not reported  
Spill Closed Dt: 06/04/87  
Remediation Phase: 0  
Date Entered In Computer: 07/14/86  
Spill Record Last Update: 02/07/06  
Spiller Name: Not reported  
Spiller Company: FAIRCHILD REPUBLIC  
Spiller Address: CONKLIN STRET  
Spiller City,St,Zip: FARMINGDAGE, NY  
Spiller Company: 001  
Spiller Phone: (516) 531-2429  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 8602047  
DER Facility ID: 294892  
Site ID: 298958  
Operable Unit ID: 898321  
Operable Unit: 01  
Material ID: 478507  
Material Code: 0003  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 8602047 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "ACAMPORA FD" / / : F-R CLEANED W/SORBENT. FILE  
HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR  
RETENTION/DISPOSAL PROCEDURES END DECRemark - 8602047  
Remarks: Start CallerRemark - 8602047 BROKEN STEAM COIL HEATING ELEMENT. END  
CallerRemark - 8602047

[Click this hyperlink](#) while viewing on your computer to access  
additional NY\_SPILL: detail in the EDR Site Report.

NY MANIFEST:

Document ID: CTA0002196  
Manifest Status: Completed copy  
Trans1 State ID: CT76733  
Trans2 State ID: Not reported  
Generator Ship Date: 841011  
Trans1 Recv Date: 841011  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 841011  
Part A Recv Date: 841016

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Part B Recv Date: 841024  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSDF ID: CTD093616613  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 04615  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYO2947149  
Manifest Status: Completed copy  
Trans1 State ID: 1A0-33  
Trans2 State ID: Not reported  
Generator Ship Date: 840326  
Trans1 Recv Date: 840326  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840326  
Part A Recv Date: 840404  
Part B Recv Date: 840409  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000691949  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00560  
Units: G - Gallons (liquids only)\* (8.3 pounds)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Number of Containers: 001  
 Container Type: DT - Dump trucks  
 Handling Method: Not reported  
 Specific Gravity: 100  
 Year: 84  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD079818555  
 Facility Name: FAIRCHILD REPUBLIC COMPANY  
 Facility Address: CONKLIN STREET  
 Facility City: FARMINGDALE  
 Facility Zip 4: Not reported  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: Not reported  
 Mailing Address: CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: Not reported  
 Mailing Phone: 999-999-9999  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: G T WEBB/R FAHEY  
 Mailing Address: 1000 CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 516-531-3332  
  
 Document ID: NYO2947104  
 Manifest Status: Completed copy  
 Trans1 State ID: 007  
 Trans2 State ID: Not reported  
 Generator Ship Date: 840222  
 Trans1 Recv Date: 840222  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 840223  
 Part A Recv Date: 840227  
 Part B Recv Date: 840307  
 Generator EPA ID: NYD079818555  
 Trans1 EPA ID: CTD093616613  
 Trans2 EPA ID: Not reported  
 TSDF ID: CTD093616613  
 Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
 Quantity: 01200  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 001  
 Container Type: CF - Fiber or plastic boxes, cartons  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 100  
 Year: 84  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD079818555  
 Facility Name: FAIRCHILD REPUBLIC COMPANY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYO2947302  
Manifest Status: Completed copy  
Trans1 State ID: 007  
Trans2 State ID: Not reported  
Generator Ship Date: 840516  
Trans1 Recv Date: 840516  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840516  
Part A Recv Date: 840521  
Part B Recv Date: 840530  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSD ID: CTD093616613  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 04452  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: Not reported  
 Mailing Phone: 999-999-9999  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: G T WEBB/R FAHEY  
 Mailing Address: 1000 CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 516-531-3332

Document ID: NYO2947401  
 Manifest Status: Completed copy  
 Trans1 State ID: NYJA083  
 Trans2 State ID: Not reported  
 Generator Ship Date: 840531  
 Trans1 Recv Date: 840531  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 840531  
 Part A Recv Date: 840611  
 Part B Recv Date: 840611  
 Generator EPA ID: NYD079818555  
 Trans1 EPA ID: NJD000603563  
 Trans2 EPA ID: Not reported  
 TSDF ID: PAD000731026  
 Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
 Quantity: 04700  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 001  
 Container Type: DT - Dump trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 100  
 Year: 84  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD079818555  
 Facility Name: FAIRCHILD REPUBLIC COMPANY  
 Facility Address: CONKLIN STREET  
 Facility City: FARMINGDALE  
 Facility Zip 4: Not reported  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: Not reported  
 Mailing Address: CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: Not reported  
 Mailing Phone: 999-999-9999  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: G T WEBB/R FAHEY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYO2947527  
Manifest Status: Completed copy  
Trans1 State ID: CT007  
Trans2 State ID: Not reported  
Generator Ship Date: 840809  
Trans1 Recv Date: 840809  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840809  
Part A Recv Date: 840820  
Part B Recv Date: 840828  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSDF ID: CTD093616613  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 03000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Document ID: NYO2947248  
Manifest Status: Completed copy  
Trans1 State ID: -1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840430  
Trans1 Recv Date: 840430  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840430  
Part A Recv Date: 840507  
Part B Recv Date: 840510  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSD ID: NYD000691949  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 06000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYO1734534  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840130  
Trans1 Recv Date: 840130  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840130



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Part A Recv Date: 840206  
Part B Recv Date: 840203  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000691949  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 01500  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: PAO1257012  
Manifest Status: Completed copy  
Trans1 State ID: AH0134  
Trans2 State ID: Not reported  
Generator Ship Date: 840507  
Trans1 Recv Date: 840507  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840507  
Part A Recv Date: 840521  
Part B Recv Date: 840515  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NJD000603563  
Trans2 EPA ID: Not reported  
TSDF ID: PAD000731026  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 04918

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: PAO1257071  
Manifest Status: Completed copy  
Trans1 State ID: AH0134  
Trans2 State ID: Not reported  
Generator Ship Date: 840525  
Trans1 Recv Date: 840525  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840525  
Part A Recv Date: 840605  
Part B Recv Date: 840601  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NJD000603563  
Trans2 EPA ID: Not reported  
TSDF ID: PAD085690592  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 03000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332  
  
Document ID: NYO2390607  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840607  
Trans1 Recv Date: 840607  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840607  
Part A Recv Date: 840615  
Part B Recv Date: 840622  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000691949  
Waste Code: U080 - METHYLENE CHLORIDE  
Quantity: 00445  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 009  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYO2567367  
Manifest Status: Completed copy  
Trans1 State ID: NYJA045  
Trans2 State ID: Not reported  
Generator Ship Date: 840815  
Trans1 Recv Date: 840815  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840815  
Part A Recv Date: 840823  
Part B Recv Date: 840824  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NJD096865837  
Trans2 EPA ID: Not reported  
TSDF ID: NJD096865837  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00020  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: CTA0028047  
Manifest Status: Completed copy  
Trans1 State ID: 87930CT  
Trans2 State ID: Not reported  
Generator Ship Date: 850214  
Trans1 Recv Date: 850214  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850214  
Part A Recv Date: 850225  
Part B Recv Date: 850226  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSDF ID: CTD093616613  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 04376  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 85  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Document ID: NYA1337175  
 Manifest Status: Completed copy  
 Trans1 State ID: NYS44302  
 Trans2 State ID: Not reported  
 Generator Ship Date: 850213  
 Trans1 Recv Date: 850213  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 850213  
 Part A Recv Date: 850220  
 Part B Recv Date: 850225  
 Generator EPA ID: NYD079818555  
 Trans1 EPA ID: NYD050592807  
 Trans2 EPA ID: Not reported  
 TSD ID: NYD000691949  
 Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
 Quantity: 05000  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 001  
 Container Type: TT - Cargo tank, tank trucks  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 100  
 Year: 85  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD079818555  
 Facility Name: FAIRCHILD REPUBLIC COMPANY  
 Facility Address: CONKLIN STREET  
 Facility City: FARMINGDALE  
 Facility Zip 4: Not reported  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: Not reported  
 Mailing Address: CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: Not reported  
 Mailing Phone: 999-999-9999  
 Mailing Name: FAIRCHILD REPUBLIC COMPANY  
 Mailing Contact: G T WEBB/R FAHEY  
 Mailing Address: 1000 CONKLIN STREET  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 516-531-3332

Document ID: CTA0027971  
 Manifest Status: Completed copy  
 Trans1 State ID: CT76733  
 Trans2 State ID: Not reported  
 Generator Ship Date: 850227  
 Trans1 Recv Date: 850227  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 850227

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Part A Recv Date: 850304  
Part B Recv Date: 850307  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSDF ID: CTD093616613  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 04600  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 85  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: PAO4728426  
Manifest Status: Completed copy  
Trans1 State ID: NYJA083  
Trans2 State ID: Not reported  
Generator Ship Date: 840629  
Trans1 Recv Date: 840629  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840629  
Part A Recv Date: 840710  
Part B Recv Date: 840717  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NJD000603563  
Trans2 EPA ID: Not reported  
TSDF ID: PAD000731026  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 04212

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	84
Facility Type:	Both Generator and TSD
EPA ID:	NYD079818555
Facility Name:	FAIRCHILD REPUBLIC COMPANY
Facility Address:	CONKLIN STREET
Facility City:	FARMINGDALE
Facility Zip 4:	Not reported
Country:	Not reported
County:	NASSAU
Mailing Name:	FAIRCHILD REPUBLIC COMPANY
Mailing Contact:	Not reported
Mailing Address:	CONKLIN STREET
Mailing City:	FARMINGDALE
Mailing State:	NY
Mailing Zip:	11735
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	999-999-9999
Mailing Name:	FAIRCHILD REPUBLIC COMPANY
Mailing Contact:	G T WEBB/R FAHEY
Mailing Address:	1000 CONKLIN STREET
Mailing City:	FARMINGDALE
Mailing State:	NY
Mailing Zip:	11735
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	516-531-3332
Document ID:	NYA1337058
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	850204
Trans1 Recv Date:	850204
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850204
Part A Recv Date:	850208
Part B Recv Date:	850212
Generator EPA ID:	NYD079818555
Trans1 EPA ID:	NYD050592807
Trans2 EPA ID:	Not reported
TSD ID:	NYD000691949
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	04200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85
Facility Type:	Both Generator and TSD
EPA ID:	NYD079818555



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: CTA0027972  
Manifest Status: Completed copy  
Trans1 State ID: CT87930  
Trans2 State ID: Not reported  
Generator Ship Date: 850520  
Trans1 Recv Date: 850520  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850520  
Part A Recv Date: 850529  
Part B Recv Date: 850530  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: CTD093616613  
Trans2 EPA ID: Not reported  
TSDF ID: CTD093616613  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 04450  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 85  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYA1337112  
Manifest Status: Completed copy  
Trans1 State ID: NYS44308  
Trans2 State ID: Not reported  
Generator Ship Date: 850513  
Trans1 Recv Date: 850513  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850513  
Part A Recv Date: 850517  
Part B Recv Date: 850521  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000691949  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01000  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 85  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Document ID: NYA1337013  
Manifest Status: Completed copy  
Trans1 State ID: NYS44302  
Trans2 State ID: Not reported  
Generator Ship Date: 850109  
Trans1 Recv Date: 850109  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850109  
Part A Recv Date: 850115  
Part B Recv Date: 850124  
Generator EPA ID: NYD079818555  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000691949  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 04600  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 85  
Facility Type: Both Generator and TSD  
EPA ID: NYD079818555  
Facility Name: FAIRCHILD REPUBLIC COMPANY  
Facility Address: CONKLIN STREET  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: Not reported  
Mailing Address: CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 999-999-9999  
Mailing Name: FAIRCHILD REPUBLIC COMPANY  
Mailing Contact: G T WEBB/R FAHEY  
Mailing Address: 1000 CONKLIN STREET  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-531-3332

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

[Click this hyperlink](#) while viewing on your computer to access  
634 additional NY\_MANIFEST: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID: NYD079818555  
Site ID: Not reported  
Name: FAIRCHILD REPUBLIC CO  
Address: CONKLIN ST  
FARMINGDALE, NY 11735  
  
EPA Region: 2  
County: NASSAU  
Event Code: CA770GW  
Actual Date: 1-May-05  
  
EPA ID: NYD079818555  
Site ID: Not reported  
Name: FAIRCHILD REPUBLIC CO  
Address: CONKLIN ST  
FARMINGDALE, NY 11735  
  
EPA Region: 2  
County: NASSAU  
Event Code: CA770NG  
Actual Date: 30-Jun-96  
  
Action ID: Not reported  
Action Name: Not reported  
Action Completion date: Not reported  
Planned Complet. date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
Engineering Control: Not reported

US INST CONTROL:

EPA ID: NYD079818555  
Site ID: Not reported  
Name: FAIRCHILD REPUBLIC CO  
Action Name: Not reported  
Address: CONKLIN ST  
FARMINGDALE, NY 11735  
  
EPA Region: 2  
County: NASSAU  
Event Code: CA772EP  
Inst. Control: Not reported  
Actual Date: 30-Mar-99  
Planned Complet. Date: Not reported  
Compleat. Date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
  
EPA ID: NYD079818555  
Site ID: Not reported  
Name: FAIRCHILD REPUBLIC CO  
Action Name: Not reported  
Address: CONKLIN ST  
FARMINGDALE, NY 11735

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

EPA Region: 2  
County: NASSAU  
Event Code: CA772ID  
Inst. Control: Not reported  
Actual Date: 30-Jun-96  
Planned Complet. Date: Not reported  
Complet. Date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported

NY Hist Spills:

Region of Spill: 1  
Spill Number: 8704581  
Investigator: ACAMPORA WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 09/02/1987 12:00  
Reported to Dept Date/Time: 09/02/87 13:05  
SWIS: 47  
Spiller Name: FAIRCHILD REPUBLIC  
Spiller Contact: Not reported  
Spiller Phone: (516) 531-2527  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Equipment Failure  
Reported to Dept: Groundwater  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 09/04/87  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 06/27/97  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Material Class Type:        Petroleum  
Quantity Spilled:            0  
Unkonwn Quantity Spilled:   False  
Units:                        Gallons  
Quantity Recovered:        0  
Unkonwn Quantity Recovered: False  
Material:                    #2 FUEL OIL  
Class Type:                #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number:                Not reported  
Last Date:                  19941207  
DEC Remarks:        / / : PADS PLACED IN DRY WELL.  
Remark:                BROKEN PETROMETER/IN BASEMENT   IN DRY WELL

Region of Spill:            1  
Spill Number:               8602047  
Investigator:               ACAMPORA        FD  
Caller Name:               Not reported  
Caller Agency:              Not reported  
Caller Phone:               Not reported  
Notifier Name:              Not reported  
Notifier Agency:            Not reported  
Notifier Phone:             Not reported  
Spill Date/Time:            06/25/1986 11:00  
Reported to Dept Date/Time: 06/25/86 14:00  
SWIS:                        47  
Spiller Name:               FAIRCHILD REPUBLIC  
Spiller Contact:             Not reported  
Spiller Phone:               (516) 531-2429  
Spiller Address:             CONKLIN STRET  
Spiller City,St,Zip:        FARMINGDAGE, NY  
Spill Cause:                Equipment Failure  
Reported to Dept:           On Land  
Water Affected:            Not reported  
Spill Source:               01  
Spill Notifier:               Responsible Party  
PBS Number:                Not reported  
Cleanup Ceased:            06/04/87  
Cleanup Meets Std:        True  
Last Inspection:            / /  
Recommended Penalty:     Penalty Not Recommended  
Spiller Cleanup Dt:        / /  
Enforcement Date:         / /  
Invstgn Complete:         / /  
UST Involvement:           False  
Spill Class:                Not reported  
Spill Closed Dt:            06/04/87  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 07/14/86  
Date Spill Entered In Computer Data File: Not reported  
Update Date:               06/19/98  
Is Updated:                False  
PBS Number:                Not reported  
Tank Number:               Not reported  
Tank Size:                  Not reported  
Test Method:               Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Leak Rate Failed Tank:        Not reported  
Gross Leak Rate:                Not reported  
Material Class Type:            Petroleum  
Quantity Spilled:                5  
Unkonwn Quantity Spilled:    False  
Units:                              Gallons  
Quantity Recovered:            0  
Unkonwn Quantity Recovered: False  
Material:                          #6 FUEL OIL  
Class Type:                        #6 FUEL OIL  
Times Material Entry In File: 2190  
CAS Number:                      Not reported  
Last Date:                        19940728  
DEC Remarks:        / / : F-R CLEANED W/SORBENT.  
Remark:                    BROKEN STEAM COIL HEATING ELEMENT.

**CT MANIFEST:**

Manifest No:                      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  
Manifest No:                      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  
Year:                                1988  
Manifest ID:                       CTC0116922  
TSDF EPA ID:                      CTD093616613  
TSDF Name:                        ENVIRITE CORP  
TSDF Address:                    OLD WATERBURY ROAD  
TSDF City,St,Zip:                THOMASTON, CT 06787  
TSDF Country:                    USA  
TSDF Telephone:                  Not reported  
Transport Date:                   02/23/88  
Transporter EPA ID:               CTD093616613  
Transporter Name:                ENVIRITE CORP  
Transporter Country:              USA  
Transporter Phone:                Not reported  
Trans 2 Date:                      / /  
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  
Generator EPA ID:                NYD079818555

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 02/23/88  
Date Received: 02/24/88  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047035  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/05/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 01/05/87  
Date Received: 01/05/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047037  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/08/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 01/08/87  
Date Received: 01/08/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047041  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 03/26/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 03/26/87  
Date Received: 03/26/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047078  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

TSDF Telephone: Not reported  
Transport Date: 10/16/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 10/16/87  
Date Received: / /  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047043  
TSDF EPA ID: CTD093616613  
TSDF Name: ENVIRITE CORP  
TSDF Address: OLD WATERBURY ROAD  
TSDF City,St,Zip: THOMASTON, CT 06787  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 07/21/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 07/21/87  
Date Received: 07/21/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Year: 1987  
Manifest ID: CTB0047042  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 06/02/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 06/02/87  
Date Received: 06/02/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047040  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/21/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FAIRCHILD REPUBLIC CO. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000354420

Special Handling: No  
Discrepancies: No  
Date Shipped: 01/21/87  
Date Received: 01/21/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047079  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 10/14/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 10/14/87  
Date Received: 10/14/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTC0116921  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/18/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FAIRCHILD REPUBLIC CO. (Continued)**

**1000354420**

Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 12/18/87  
Date Received: 12/18/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTC0116920  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/17/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 12/17/87  
Date Received: 12/17/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTC0116919  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/16/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 12/16/87  
Date Received: 12/16/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTC0116918  
TSDF EPA ID: CTD093616613  
TSDF Name: ENVIRITE CORP  
TSDF Address: OLD WATERBURY ROAD  
TSDF City,St,Zip: THOMASTON, CT 06787  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 12/15/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: S  
Date Shipped: 12/15/87  
Date Received: 12/15/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0091316  
TSDF EPA ID: CTD093616613  
TSDF Name: ENVIRITE CORP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/14/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/14/87  
Date Received: 12/15/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0075924  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 04/22/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 04/22/87  
Date Received: 04/22/87

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1987  
Manifest ID: CTB0047080  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 07/22/87  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 07/22/87  
Date Received: 07/22/87  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTB0005098  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/03/86  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 01/03/86  
Date Received: 01/03/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTB0005100  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 05/19/86  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 05/19/86  
Date Received: 05/19/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTB0005101  
TSDf EPA ID: CTD093616613  
TSDf Name: ENVIRITE CORP  
TSDf Address: OLD WATERBURY ROAD  
TSDf City,St,Zip: THOMASTON, CT 06787  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 04/25/86  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAIRCHILD REPUBLIC CO. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000354420**

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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 04/25/86  
Date Received: 04/25/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1986  
Manifest ID: CTB0021108  
TSDF EPA ID: CTD093616613  
TSDF Name: ENVIRITE CORP  
TSDF Address: OLD WATERBURY ROAD  
TSDF City,St,Zip: THOMASTON, CT 06787  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 05/28/86  
Transporter EPA ID: CTD093616613  
Transporter Name: ENVIRITE CORP  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD079818555  
Generator Phone: 5165313332  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 05/28/86  
Date Received: 05/28/86  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
33 additional CT MANIFEST: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**C13**  
**SSW**  
**< 1/8**  
**409 ft.**

**(FORMER) FAIRCHILD MFG**  
**1000 CONKLIN STREET**  
**FARMINGDALE, NY**

**NY Spills**  
**NY Hist Spills** **S104194567**  
**N/A**

**Site 6 of 7 in cluster C**

**Relative:**  
**Equal**

NY Spills:

**Actual:**  
**72 ft.**

Site ID: 151503  
Facility Addr2: Not reported  
Facility ID: 9925279  
Spill Number: 9925279  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: HMCIRRT  
Referred To: Not reported  
Spill Date: 08/31/99  
Reported to Dept: 08/31/99  
CID: 02  
Spill Cause: Unknown  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: 09/22/99  
Remediation Phase: 0  
Date Entered In Computer: 08/31/99  
Spill Record Last Update: 09/23/99  
Spiller Name: TOM WEBB  
Spiller Company: FAIRCHILD HOLDING CORP  
Spiller Address: 1000 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY 11735-  
Spiller Company: 001  
Spiller Phone: (516) 755-1037  
Contact Name: TOM WEBB  
Contact Phone: (516) 755-1037  
DEC Region: 1  
Program Number: 9925279  
DER Facility ID: 128755  
Site ID: 151503  
Operable Unit ID: 1092867  
Operable Unit: 01  
Material ID: 293415  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9925279 Prior to Sept, 2004 data translation this spill Lead

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**(FORMER) FAIRCHILD MFG (Continued)**

**S104194567**

Remarks: DEC Field was "CIRRITO 99-095" COPY OF FILE TO D GIBB OF SOLID WASTE,NO  
FURTHER ACTION BY DEC SPILLS END DECRemark - 9925279  
Start CallerRemark - 9925279 During excavation for site re-development, two(2)  
steel 3,000 gallon tanks were encountered. tanks were out of service and were  
cut open on the top. Tanks will be left on site for inspection tomorrow. END  
CallerRemark -9925279

NY Hist Spills:

Region of Spill: 1  
Spill Number: 9925279  
Investigator: CIRRITO 99-095  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 08/31/1999 12:00  
Reported to Dept Date/Time: 08/31/99 14:16  
SWIS: 47  
Spiller Name: FAIRCHILD HOLDING CORP  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Contact: TOM WEBB  
Spiller Phone: (516) 755-1037  
Spiller Address: 1000 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY 11735-  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: 09/22/99  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 08/31/99  
Date Spill Entered In Computer Data File: 14:28  
Update Date: 09/23/99  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

(FORMER) FAIRCHILD MFG (Continued)

EDR ID Number  
EPA ID Number

S104194567

Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: COPY OF FILE TO D GIBB OF SOLID WASTE,NO FURTHER ACTION BY DEC SPILLS  
Remark: During excavation for site re-development, two 2) steel 3,000 gallon tanks were encountered. tanks were out of service and were cut open on the top. Tanks will be left on site for inspection tomorrow.

C14  
SSW  
< 1/8  
445 ft.

DEACON FORD TRUCK SALES INC  
1600 RTE 110  
FARMINGDALE, NY 11735

RCRA-SQG 1000179685  
FINDS NYD077505501  
UST

Site 7 of 7 in cluster C

Relative:  
Lower

RCRAInfo:  
Owner: FORD MOTOR CORP  
(212) 555-1212  
EPA ID: NYD077505501  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

Actual:  
71 ft.

FINDS:  
Other Pertinent Environmental Activity Identified at Site

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.

UST:

Facility ID: 14101  
Region: SUFFOLK  
Owner Name: EXXONMOBIL OIL CORPORATION  
Owner Address: PO BOX 142667  
Owner City,St,Zip: AUSTIN, TX 78714  
Tank ID: 1  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000006000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

DEACON FORD TRUCK SALES INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000179685

Fill Type: GRAVITY  
Date Removed: 010181  
Official Use: Removed Tank. 81  
Permit to Operate: Not reported  
Tank Key: 38655  
Facility Reference #: 12377  
Tank Count: 10  
Township: SMITHTOWN  
Tax Map No: 0800 099.00 001 014.000

Facility ID: 14101  
Region: SUFFOLK  
Owner Name: EXXONMOBIL OIL CORPORATION  
Owner Address: PO BOX 142667  
Owner City,St,Zip: AUSTIN, TX 78714  
Tank ID: 2  
Location: UNDER, OUT  
Installed: 60  
Capacity: 0000006000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 010181  
Official Use: Removed Tank. 81  
Permit to Operate: Not reported  
Tank Key: 38656  
Facility Reference #: 12377  
Tank Count: 10  
Township: SMITHTOWN  
Tax Map No: 0800 099.00 001 014.000

Facility ID: 14101  
Region: SUFFOLK  
Owner Name: EXXONMOBIL OIL CORPORATION  
Owner Address: PO BOX 142667  
Owner City,St,Zip: AUSTIN, TX 78714  
Tank ID: 3  
Location: UNDER, OUT  
Installed: 60  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 010181  
Official Use: Removed Tank. 81  
Permit to Operate: Not reported  
Tank Key: 38657  
Facility Reference #: 12377  
Tank Count: 10  
Township: SMITHTOWN  
Tax Map No: 0800 099.00 001 014.000

Facility ID: 14101  
Region: SUFFOLK  
Owner Name: EXXONMOBIL OIL CORP%VEEDER ROOT

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

DEACON FORD TRUCK SALES INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000179685

Owner Address: 12596 W BAYAUD AVE SUITE 100  
Owner City,St,Zip: LAKEWOOD, CO 80228  
Tank ID: 4  
Location: UNDER, OUT  
Installed: 81  
Capacity: 0000010000  
Content: GASOLINE  
Construction: FRP  
Dispenser: SUBMERSIBLE  
Fill Type: GRAVITY  
Date Removed: Not reported  
Official Use: Permitted Tank. Permit Runs Out. 86  
Permit to Operate: Not reported  
Tank Key: 38658  
Facility Reference #: 12377  
Tank Count: 10  
Township: SMITHTOWN  
Tax Map No: 0800 099.00 001 014.000

Facility ID: 14101  
Region: SUFFOLK  
Owner Name: EXXONMOBIL OIL CORP%VEEDER ROOT  
Owner Address: 12596 W BAYAUD AVE SUITE 100  
Owner City,St,Zip: LAKEWOOD, CO 80228  
Tank ID: 5  
Location: UNDER, OUT  
Installed: 81  
Capacity: 0000008000  
Content: GASOLINE  
Construction: FRP  
Dispenser: SUBMERSIBLE  
Fill Type: GRAVITY  
Date Removed: Not reported  
Official Use: Permitted Tank. Permit Runs Out. 86  
Permit to Operate: Not reported  
Tank Key: 38659  
Facility Reference #: 12377  
Tank Count: 10  
Township: SMITHTOWN  
Tax Map No: 0800 099.00 001 014.000

[Click this hyperlink](#) while viewing on your computer to access  
5 additional NY\_UST\_SUFFOLK: record(s) in the EDR Site Report.

15  
SSW  
< 1/8  
563 ft.

HESS STATION 32487  
1590 BROADHOLLOW RD  
FARMINGDALE, NY 11735

Relative:  
Equal

Actual:  
72 ft.

RCRA-SQG  
FINDS  
LTANKS  
NY MANIFEST  
HIST LTANKS

1000375946  
NYD982727547

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**HESS STATION 32487 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000375946**

RCRAInfo:

Owner: AMERADA HESS CORP  
(212) 555-1212  
EPA ID: NYD982727547  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

LTANKS:

Site ID: 172355  
Spill Date: 08/23/91  
Facility Addr2: Not reported  
Facility ID: 9105783  
Program Number: 9105783  
SWIS: 5200  
Region of Spill: 1  
Investigator: CAMPBELL  
Referred To: Not reported  
Reported to Dept: 08/28/91  
CID: 02  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Responsible Party  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: True  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Spill Closed Dt: 04/02/99  
Remediation Phase: 0  
Date Entered In Computer: 08/29/91  
Spill Record Last Update: 04/05/99  
Spille Namer: Not reported  
Spiller Company: HESS  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: NY



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HESS STATION 32487 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000375946

Spiller County: 999  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9105783  
DER Facility ID: 145062  
Site ID: 172355  
Operable Unit ID: 960132  
Operable Unit: 01  
Material ID: 421557  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: True  
Site ID: 172355  
Operable Unit ID: 960132  
Operable Unit: 01  
Material ID: 572730  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: 0.00  
Units: Not reported  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: True  
Site ID: 172355  
Operable Unit ID: 960132  
Operable Unit: 01  
Material ID: 421556  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: True  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 9105783 Prior to Sept, 2004 data translation this spill Lead

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HESS STATION 32487 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000375946

Remarks: DEC Field was "CAMPBELL WELL" END DECRemark - 9105783  
Start CallerRemark - 9105783 239 PPM FOUND IN SOIL END CallerRemark - 9105783

NY MANIFEST:

Document ID: NYA7037658  
Manifest Status: Completed copy  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 890810  
Trans1 Recv Date: 890810  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890810  
Part A Recv Date: 890824  
Part B Recv Date: 890817  
Generator EPA ID: NYD982727547  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00070  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 89  
Facility Type: Generator  
EPA ID: NYD982727547  
Facility Name: HESS OIL STA 32487  
Facility Address: 1590 BROADHOLLOW RD  
Facility City: EAST FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: SUFFOLK  
Mailing Name: HESS OIL  
Mailing Contact: Not reported  
Mailing Address: 1 HESS PLAZA  
Mailing City: WOODBRIDGE  
Mailing State: NJ  
Mailing Zip: 07095  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 000-000-0000

HIST LTANKS:

Region of Spill: 1  
Spill Number: 9105783  
Investigator: CAMPBELL WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HESS STATION 32487 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000375946

Spill Date: 08/23/1991  
Spill Time: 12:00  
Reported to Department Date: 08/28/91  
Reported to Department Time: 11:32  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: HESS  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Gas Station  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Spill Closed Dt: 04/02/99  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/29/91  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 04/05/99  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HESS STATION 32487 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000375946

Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: Not reported  
Spill Cause: 239 PPM FOUND IN SOIL

16  
North  
1/8-1/4  
691 ft.

JM MORGAN CHASE BANK  
1745 BROADHOLLOW ROAD  
EAST FARMINGDALE, NY

LTANKS S105997481  
N/A

Relative:  
Higher

Actual:  
73 ft.

LTANKS:

Site ID: 294972  
Spill Date: 11/27/02  
Facility Addr2: Not reported  
Facility ID: 0209085  
Program Number: 0209085  
SWIS: 5220  
Region of Spill: 1  
Investigator: DHRAYMON  
Referred To: Not reported  
Reported to Dept: 12/04/02  
CID: 02  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/02/05  
Remediation Phase: 0  
Date Entered In Computer: 12/04/02  
Spill Record Last Update: 12/08/05  
Spille Namer: JIM LISCIOTTO  
Spiller Company: JM MORGAN CHASE BANK  
Spiller Phone: (201) 595-5851  
Spiller Extention: Not reported  
Spiller Address: 1745 BROADHOLLOW ROAD  
Spiller City,St,Zip: EAST FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: JIM LISCIOTTO  
Spiller Phone: (201) 595-5851  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 0209085  
DER Facility ID: 238689  
Site ID: 294972  
Operable Unit ID: 862272

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**JM MORGAN CHASE BANK (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S105997481**

Operable Unit: 01  
Material ID: 516069  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 0209085 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "RAYMOND" T/C CALLER: ENDPT SAMPLE RESULTS OBTAINED STEMMING FROM  
A TANK REMOVAL (1.5K) AT THE SITE. SOME RESULTS SHOW SEMI-VOLATILE COMPOUNDS  
EXCEEDING TAGM. WILL FORWARD A REPORT TO DEC. PLAN TO PROPOSE ADDITIONAL  
INVESTIGATION. END DECRemark - 0209085  
Remarks: Start CallerRemark - 0209085 results from a soil sample END CallerRemark -  
0209085

17  
SSW  
1/8-1/4  
697 ft.

**FLYIN HAND CAR WASH  
1590 RTE 110 BROADHOLLOW RD  
FARMINGDALE, NY 11735**

**UST U003534474  
N/A**

**Relative:  
Lower**

UST:

**Actual:  
71 ft.**

Facility ID: 2814  
Region: SUFFOLK  
Owner Name: AMERADA HESS CORP  
Owner Address: 1 HESS PLAZA  
Owner City,St,Zip: WOODBRIDGE, NJ 07095  
Tank ID: 1  
Location: UNDER, OUT  
Installed: 74  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: OTHER  
Fill Type: GRAVITY  
Date Removed: 062089  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7508  
Facility Reference #: 07111  
Tank Count: 13  
Township: BABYLON  
Tax Map No: 0100 034.00 001 014.001  
Facility ID: 2814

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**FLYIN HAND CAR WASH (Continued)**

**U003534474**

Region: SUFFOLK  
Owner Name: AMERADA HESS CORP  
Owner Address: 1 HESS PLAZA  
Owner City,St,Zip: WOODBRIDGE, NJ 07095  
Tank ID: 2  
Location: UNDER, OUT  
Installed: 74  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUBMERSIBLE  
Fill Type: GRAVITY  
Date Removed: 062089  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7509  
Facility Reference #: 07111  
Tank Count: 13  
Township: BABYLON  
Tax Map No: 0100 034.00 001 014.001

Facility ID: 2814  
Region: SUFFOLK  
Owner Name: AMERADA HESS CORP  
Owner Address: 1 HESS PLAZA  
Owner City,St,Zip: WOODBRIDGE, NJ 07095  
Tank ID: 3  
Location: UNDER, OUT  
Installed: 74  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: OTHER  
Fill Type: GRAVITY  
Date Removed: 062089  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7510  
Facility Reference #: 07111  
Tank Count: 13  
Township: BABYLON  
Tax Map No: 0100 034.00 001 014.001

Facility ID: 2814  
Region: SUFFOLK  
Owner Name: AMERADA HESS CORP  
Owner Address: 1 HESS PLAZA  
Owner City,St,Zip: WOODBRIDGE, NJ 07095  
Tank ID: 4  
Location: UNDER, OUT  
Installed: 74  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 062089

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FLYIN HAND CAR WASH (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003534474

Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7511  
Facility Reference #: 07111  
Tank Count: 13  
Township: BABYLON  
Tax Map No: 0100 034.00 001 014.001

Facility ID: 2814  
Region: SUFFOLK  
Owner Name: AMERADA HESS CORP  
Owner Address: 1 HESS PLAZA  
Owner City,St,Zip: WOODBRIDGE, NJ 07095  
Tank ID: 5  
Location: UNDER, OUT  
Installed: 74  
Capacity: 0000005000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUBMERSIBLE  
Fill Type: GRAVITY  
Date Removed: 062089  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7512  
Facility Reference #: 07111  
Tank Count: 13  
Township: BABYLON  
Tax Map No: 0100 034.00 001 014.001

[Click this hyperlink](#) while viewing on your computer to access  
8 additional NY\_UST\_SUFFOLK: record(s) in the EDR Site Report.

18  
North  
1/8-1/4  
871 ft.

NYSDOT BIN 1036939  
NY 110 OVER NY 109  
EAST FARMINGDALE, NY 11735

RCRA-SQG 1000553668  
FINDS NYD986960953  
NY MANIFEST

Relative:  
Higher

RCRAInfo:  
Owner: NYSDOT  
(516) 952-6053  
EPA ID: NYD986960953  
Contact: WILLIAM HOLTHAUSEN  
(516) 952-6053  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

Actual:  
73 ft.

FINDS:  
Other Pertinent Environmental Activity Identified at Site

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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**NYSDOT BIN 1036939 (Continued)**

**1000553668**

corrective action activities required under RCRA.

**NY MANIFEST:**

Document ID: MIA2374517  
Manifest Status: Completed copy  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 910813  
Trans1 Recv Date: 910813  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 910815  
Part A Recv Date: Not reported  
Part B Recv Date: 910903  
Generator EPA ID: NYD986960953  
Trans1 EPA ID: NJD096839154  
Trans2 EPA ID: Not reported  
TSD ID: MID096963194  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00700  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 91  
Facility Type: Generator  
EPA ID: NYD986960953  
Facility Name: NYSDOT  
Facility Address: BIN# 1036939/RT 110 OVR RT 109  
Facility City: HAUPPAUGE  
Facility Zip 4: Not reported  
Country: Not reported  
County: SUFFOLK  
Mailing Name: NYSDOT  
Mailing Contact: ALLAN J. SIROTA  
Mailing Address: VETERANS MEMORIAL HGHWY  
Mailing City: HAUPPAUGE  
Mailing State: NY  
Mailing Zip: 11788  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-249-0630

Document ID: NJA2875515  
Manifest Status: Not reported  
Trans1 State ID: NJD980772768  
Trans2 State ID: Not reported  
Generator Ship Date: 12/15/1998  
Trans1 Recv Date: 12/15/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/15/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986960953  
Trans1 EPA ID: NJD991291105



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**NYSDOT BIN 1036939 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000553668**

Trans2 EPA ID: Not reported  
TSDF ID: S6993  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 04000  
Units: P - Pounds  
Number of Containers: 008  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 98  
Facility Type: Generator  
EPA ID: NYD986960953  
Facility Name: NYSDOT  
Facility Address: BIN# 1036939/RT 110 OVR RT 109  
Facility City: HAUPPAUGE  
Facility Zip 4: Not reported  
Country: Not reported  
County: SUFFOLK  
Mailing Name: NYSDOT  
Mailing Contact: ALLAN J. SIROTA  
Mailing Address: VETERANS MEMORIAL HGHWY  
Mailing City: HAUPPAUGE  
Mailing State: NY  
Mailing Zip: 11788  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-249-0630

**D19**  
**North**  
**1/8-1/4**  
**1061 ft.**

**HAZARDOUS WASTE DISPOSAL**  
**11A PICONE BLVD**  
**FARMINGDALE, NY 11735**

**RCRA-SQG**  
**FINDS**  
**CORRACTS**  
**CERC-NFRAP**

**1000155082**  
**NYD037056132**

**Relative:**  
**Higher**

**Site 1 of 8 in cluster D**

**Actual:**  
**73 ft.**

**RCRAInfo Corrective Action Summary:**

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.  
Event Date: 01/13/2004  
Event: RFA Completed  
Event Date: 04/18/1995  
Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
Event Date: 04/18/1995  
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action referred to another non-RCRA Federal Authority.  
Event Date: 04/18/1995  
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.  
Event Date: 02/22/1995

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**HAZARDOUS WASTE DISPOSAL (Continued)**

EDR ID Number  
EPA ID Number

**1000155082**

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event Date: 09/08/1993

**RCRAInfo:**

Owner: HAZARDOUS WASTE DISPOSAL INC.  
(516) 420-1927

EPA ID: NYD037056132

Contact: STEPHEN J PROHIDNEY  
(516) 759-2276

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/18/1985  
Actual Date Achieved Compliance: 10/24/1985

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/08/1985  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 05/13/1985  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 09/02/1981  
Actual Date Achieved Compliance: 10/24/1985

There are 2 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19851024
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19851024

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**CORRACTS:**

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 01/13/2004  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HAZARDOUS WASTE DISPOSAL (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000155082

NAICS Code(s): corrective action priority  
0

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 02/22/1995  
Action: CA225IN - Stabilization Measures Evaluation, This facility is not, amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

NAICS Code(s): 0

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 04/18/1995  
Action: CA050 - RFA Completed

NAICS Code(s): 0

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 04/18/1995  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary

NAICS Code(s): 0

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 04/18/1995  
Action: CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action referred to another non-RCRA Federal Authority

NAICS Code(s): 0

EPA ID: NYD037056132  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 09/08/1993  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority

NAICS Code(s): 0

CERC-NFRAP:

Site ID: 0202784  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: HAZARDOUS WASTE DISPOSAL  
Alias Address: Not reported  
SUFFOLK, NY  
Site Description: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HAZARDOUS WASTE DISPOSAL (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000155082

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/25/1987  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 03/17/1988  
Priority Level: Low

Action: SITE INSPECTION  
Date Started: 12/01/1991  
Date Completed: 12/01/1991  
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 12/09/1998  
Priority Level: Not reported

D20  
North  
1/8-1/4  
1080 ft.

**FAMILY MOVING & STORAGE-OOB-  
8 PICONE BLVD  
FARMINGDALE, NY 11735**

UST U003534793  
AST N/A

Relative:  
Equal

Site 2 of 8 in cluster D

Actual:  
72 ft.

UST:  
Facility ID: 1666  
Region: SUFFOLK  
Owner Name: HOLLOW PROPERTIES INC  
Owner Address: 1637 BROAD HOLLOW RD  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 2  
Location: UNDER, OUT  
Installed: 68  
Capacity: 0000004000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 050190  
Official Use: Removed Tank. 90  
Permit to Operate: Not reported  
Tank Key: 4354  
Facility Reference #: 03790  
Tank Count: 4  
Township: BABYLON  
Tax Map No: 0100 035.00 001 030.004

Facility ID: 1666  
Region: SUFFOLK  
Owner Name: HOLLOW PROPERTIES INC  
Owner Address: 1637 BROAD HOLLOW RD  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 3  
Location: UNDER, OUT

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAMILY MOVING & STORAGE-OOB- (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003534793**

Installed: 68  
Capacity: 0000004000  
Content: DIESEL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 021897  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 4355  
Facility Reference #: 03790  
Tank Count: 4  
Township: BABYLON  
Tax Map No: 0100 035.00 001 030.004

Facility ID: 1666  
Region: SUFFOLK  
Owner Name: HOLLOW PROPERTIES INC  
Owner Address: 1637 BROAD HOLLOW RD  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 4  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000004000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 021897  
Official Use: Removed Tank - Unregistered Tank. 97  
Permit to Operate: Not reported  
Tank Key: 4356  
Facility Reference #: 03790  
Tank Count: 4  
Township: BABYLON  
Tax Map No: 0100 035.00 001 030.004

**AST:**

Facility ID: 1666  
Region: SUFFOLK  
Owner Name: HOLLOW PROPERTIES INC  
Owner Address: 1637 BROAD HOLLOW RD  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 1  
Location: ABOVE, IN  
Installed: 79  
Capacity: 0000000440  
Content: DRUM STORAGE  
Construction: Not reported  
Dispenser: Not reported  
Fill Type: GRAVITY  
Date Removed: 010192  
Official Use: Removed Tank. 92  
Permit to Operate: Not reported  
Tank Key: 4353  
Facility Reference #: 03790  
Tank Count: 4

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FAMILY MOVING & STORAGE-OOB- (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Township: BABYLON  
Tax Map No: 0100

**U003534793**

**D21**  
**North**  
**1/8-1/4**  
**1080 ft.**

**BEST FOODS BAKING GROUP**  
**8 PICONE BLVD**  
**FARMINGDALE, NY 11735**

**RCRA-SQG** **1000392037**  
**FINDS** **NYD986884401**

**Site 3 of 8 in cluster D**

**Relative:**  
**Equal**

RCRAInfo:  
Owner: BEST FOODS BAKING GROUP  
(212) 555-1212  
EPA ID: NYD986884401

**Actual:**  
**72 ft.**

Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**D22**  
**North**  
**1/8-1/4**  
**1080 ft.**

**SAFELITE AUTO GLASS**  
**395 RTE 27 A MONTAUK HWY EAST**  
**EAST PATCHOGUE, NY 11772**

**UST** **U003534822**  
**N/A**

**Site 4 of 8 in cluster D**

**Relative:**  
**Equal**

UST:  
Facility ID: 4181  
Region: SUFFOLK  
Owner Name: SAFELITE AUTO GLASS  
Owner Address: 1105 SCHRACK RD STE 622  
Owner City,St,Zip: COLUMBUS, OH 43229  
Tank ID: 1  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000001000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: Not reported  
Date Removed: 040997  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 11677

**Actual:**  
**72 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**SAFELITE AUTO GLASS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003534822**

Facility Reference #: 12972  
Tank Count: 6  
Township: BROOKHAVEN  
Tax Map No: 0200 977.50 004 037.000

Facility ID: 4181  
Region: SUFFOLK  
Owner Name: SAFELITE AUTO GLASS  
Owner Address: 1105 SCHRACK RD STE 622  
Owner City,St,Zip: COLUMBUS, OH 43229  
Tank ID: 2  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000001000  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: Not reported  
Date Removed: 040997  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 11678  
Facility Reference #: 12972  
Tank Count: 6  
Township: BROOKHAVEN  
Tax Map No: 0200 977.50 004 037.000

Facility ID: 4181  
Region: SUFFOLK  
Owner Name: SAFELITE AUTO GLASS  
Owner Address: 1105 SCHRACK RD STE 622  
Owner City,St,Zip: COLUMBUS, OH 43229  
Tank ID: 3  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000001000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 040997  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 11679  
Facility Reference #: 12972  
Tank Count: 6  
Township: BROOKHAVEN  
Tax Map No: 0200 977.50 004 037.000

Facility ID: 4181  
Region: SUFFOLK  
Owner Name: SAFELITE AUTO GLASS  
Owner Address: 1105 SCHRACK RD STE 622  
Owner City,St,Zip: COLUMBUS, OH 43229  
Tank ID: 4  
Location: UNDER, OUT  
Installed: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**SAFELITE AUTO GLASS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003534822**

Capacity: 0000001000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: Not reported  
Date Removed: 040997  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 11680  
Facility Reference #: 12972  
Tank Count: 6  
Township: BROOKHAVEN  
Tax Map No: 0200 977.50 004 037.000

Facility ID: 4181  
Region: SUFFOLK  
Owner Name: SAFELITE AUTO GLASS  
Owner Address: 1105 SCHRACK RD STE 622  
Owner City,St,Zip: COLUMBUS, OH 43229  
Tank ID: 5  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000000550  
Content: GASOLINE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: Not reported  
Date Removed: 040997  
Official Use: Removed Tank. 97  
Permit to Operate: Not reported  
Tank Key: 11681  
Facility Reference #: 12972  
Tank Count: 6  
Township: BROOKHAVEN  
Tax Map No: 0200 977.50 004 037.000

[Click this hyperlink](#) while viewing on your computer to access additional NY\_UST\_SUFFOLK: detail in the EDR Site Report.

**D23**  
**North**  
**1/8-1/4**  
**1080 ft.**

**RYDER TRUCK RENTAL INC NEWSDAY**  
**11 PICONE BLVD**  
**FARMINGDALE, NY 11735**

**Site 5 of 8 in cluster D**

**Relative:**  
**Equal**

**Actual:**  
**72 ft.**

**RCRA-SQG** **1000554986**  
**FINDS** **NYD986974780**



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RYDER TRUCK RENTAL INC NEWSDAY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000554986**

RCRAInfo:

Owner: RYDER TRUCK RENTAL INC  
(212) 555-1212  
EPA ID: NYD986974780  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

**D24**  
**North**  
**1/8-1/4**  
**1083 ft.**

**MCLEAN TRUCKING CO**  
**19 PICONE BLVD**  
**FARMINGDALE, NY 11735**

**UST** **U003843056**  
**N/A**

**Relative:**  
**Equal**

**Site 6 of 8 in cluster D**

**Actual:**  
**72 ft.**

UST:

Facility ID: 1678  
Region: SUFFOLK  
Owner Name: LITTLE JOSEPH REALTY INC  
Owner Address: 1637 RT 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 1  
Location: UNDER, OUT  
Installed: 75  
Capacity: 0000004000  
Content: DIESEL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 060189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 4369  
Facility Reference #: 03847  
Tank Count: 3  
Township: BABYLON  
Tax Map No: 0100 035.00 001 029.000  
  
Facility ID: 1678  
Region: SUFFOLK  
Owner Name: LITTLE JOSEPH REALTY INC  
Owner Address: 1637 RT 110  
Owner City,St,Zip: FARMINGDALE, NY 11735

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**MCLEAN TRUCKING CO (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003843056**

Tank ID: 2  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000004000  
Content: DIESEL  
Construction: Not reported  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 060189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 4370  
Facility Reference #: 03847  
Tank Count: 3  
Township: BABYLON  
Tax Map No: 0100 035.00 001 029.000

Facility ID: 1678  
Region: SUFFOLK  
Owner Name: LITTLE JOSEPH REALTY INC  
Owner Address: 1637 RT 110  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 3  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000004000  
Content: DIESEL  
Construction: Not reported  
Dispenser: Not reported  
Fill Type: Not reported  
Date Removed: 060189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 4371  
Facility Reference #: 03847  
Tank Count: 3  
Township: BABYLON  
Tax Map No: 0100 035.00 001 029.000

**25**  
**South**  
**1/8-1/4**  
**1095 ft.**

**BEST BUY AUTO PARTS**  
**1500 BROAD HOLLOW RD**  
**FARMINGDALE, NY 11735**

**RCRA-SQG** **1000791326**  
**FINDS** **NYD987028347**  
**NY MANIFEST**

**Relative:**  
**Higher**

RCRAInfo:  
Owner: BROAD PROPERTIES INC  
(516) 249-5800  
EPA ID: NYD987028347  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported

**Actual:**  
**74 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BEST BUY AUTO PARTS (Continued)**

EDR ID Number  
EPA ID Number

**1000791326**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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.

**NY MANIFEST:**

Document ID: NYB4324905  
Manifest Status: Completed copy  
Trans1 State ID: HM3506  
Trans2 State ID: Not reported  
Generator Ship Date: 930325  
Trans1 Recv Date: 930325  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930325  
Part A Recv Date: 930405  
Part B Recv Date: 930405  
Generator EPA ID: NYD987028347  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00550  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 010  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 93  
Facility Type: Generator  
EPA ID: NYD987028347  
Facility Name: BEST BUY AUTO PARTS  
Facility Address: 1500 BROADHOLLOW RD  
Facility City: FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported  
County: NASSAU  
Mailing Name: BEST BUY AUTO PARTS  
Mailing Contact: JOSEPH PICONE  
Mailing Address: 1500 BROADHOLLOW RD  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-293-7676

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D26**  
**North**  
**1/8-1/4**  
**1096 ft.**

**MACYS FURNITURE STORE**  
**1640 BROADHOLLOW ROAD**  
**FARMINGDALE, NY**

**LTANKS**  
**HIST LTANKS**

**S102659557**  
**N/A**

**Site 7 of 8 in cluster D**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**71 ft.**

Site ID: 184299  
Spill Date: 03/18/91  
Facility Addr2: Not reported  
Facility ID: 9012892  
Program Number: 9012892  
SWIS: 5200  
Region of Spill: 1  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 03/18/91  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 07/21/00  
Remediation Phase: 0  
Date Entered In Computer: 03/19/91  
Spill Record Last Update: 07/24/00  
Spille Namer: Not reported  
Spiller Company: MACYS FURNITURE STORE  
Spiller Phone: (516) 293-7701  
Spiller Extention: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9012892  
DER Facility ID: 154238  
Site ID: 184299  
Operable Unit ID: 952814  
Operable Unit: 01  
Material ID: 429348  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

MACYS FURNITURE STORE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102659557

Site ID: 184299  
Spill Tank Test: 12909  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 9012892 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "SOTTILE WELL" END DECRemark - 9012892  
Remarks: Start CallerRemark - 9012892 8K FAILED AT -.240 GPH. TYREE TESTER END  
CallerRemark - 9012892

HIST LTANKS:

Region of Spill: 1  
Spill Number: 9012892  
Investigator: SOTTILE WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 03/18/1991  
Spill Time: 13:00  
Reported to Department Date: 03/18/91  
Reported to Department Time: 13:44  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: MACYS FURNITURE STORE  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Facility Contact: Not reported  
Facility Phone: (516) 293-7701  
Facility Extension: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**MACYS FURNITURE STORE (Continued)**

**S102659557**

Spill Closed Dt: 07/21/00  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/19/91  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/24/00  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: 8K FAILED AT -.240 GPH. TYREE TESTER

**D27**  
**North**  
**1/8-1/4**  
**1096 ft.**

**MACYS FURNITURE STORE**  
**1640 RTE 110 BROAD HOLLOW RD**  
**FARMINGDALE, NY 11735**

**UST**    **U003961068**  
**N/A**

**Site 8 of 8 in cluster D**

**Relative:**  
**Lower**

UST:  
Facility ID: 813  
Region: SUFFOLK  
Owner Name: MACYS NORTHEAST INC  
Owner Address: 151 WEST 34TH ST  
Owner City,St,Zip: NEW YORK, NY 10001  
Tank ID: 1  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000010000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 050291  
Official Use: Removed Tank. 91  
Permit to Operate: Not reported  
Tank Key: 2451  
Facility Reference #: 14269  
Tank Count: 1  
Township: BABYLON  
Tax Map No: 0100 033.00 001 042.023

**Actual:**  
**71 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

**E28** **RONNIES TRUCK SERVICE INC**  
**NNE** **13D PICONE BLVD**  
**1/8-1/4** **FARMINGDALE, NY 11735**  
**1166 ft.**

**RCRA-SQG** **1000871248**  
**FINDS** **NY0000016592**  
**NY MANIFEST**

**Site 1 of 2 in cluster E**

**Relative:**  
**Equal**

RCRAInfo:  
Owner: VITO MARIE REALTY INC  
(516) 249-3400  
EPA ID: NY0000016592  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**Actual:**  
**72 ft.**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**NY MANIFEST:**

Document ID: NYB5539851  
Manifest Status: Completed copy  
Trans1 State ID: 72283ZNY  
Trans2 State ID: Not reported  
Generator Ship Date: 940503  
Trans1 Recv Date: 940503  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 940503  
Part A Recv Date: Not reported  
Part B Recv Date: 940513  
Generator EPA ID: NY0000016592  
Trans1 EPA ID: NYD986908085  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 01652  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 94  
Facility Type: Generator  
EPA ID: NY0000016592  
Facility Name: RONNIES TRUCK SERVICE  
Facility Address: 13-D PICONE BLVD  
Facility City: EAST FARMINGDALE  
Facility Zip 4: Not reported  
Country: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RONNIES TRUCK SERVICE INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000871248**

County: NASSAU  
Mailing Name: RONNIES TRUCK SERVICE  
Mailing Contact: RONALD D'ANGELO  
Mailing Address: 13-D PICONE BLVD  
Mailing City: EAST FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: Not reported  
Mailing Phone: 516-454-7694

**E29**  
**NNE**  
**1/8-1/4**  
**1190 ft.**

**THOMAS S B**  
**PICONE BLVD**  
**FARMINGDALE, NY 11735**

**RCRA-SQG** **1000409811**  
**FINDS** **NYD030282495**

**Site 2 of 2 in cluster E**

**Relative:**  
**Equal**

RCRAInfo:  
Owner: SB THOMAS INC  
(212) 555-1212  
EPA ID: NYD030282495

**Actual:**  
**72 ft.**

Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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.

**30**  
**SW**  
**1/8-1/4**  
**1265 ft.**

**US TRUCK BODY/PICONE**  
**EAST CARMANS ROAD**  
**EAST FARMINGDALE, NY**

**LTANKS** **S100172297**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:  
Site ID: 188837  
Spill Date: 04/03/86  
Facility Addr2: Not reported  
Facility ID: 8600104  
Program Number: 8600104  
SWIS: 5200  
Region of Spill: 1  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 04/04/86

**Actual:**  
**73 ft.**



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

US TRUCK BODY/PICONE (Continued)

S100172297

CID: Not reported  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: True  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: / /  
Remediation Phase: 1  
Date Entered In Computer: 04/18/86  
Spill Record Last Update: 09/27/01  
Spille Namer: Not reported  
Spiller Company: US TRUCK BODY  
Spiller Phone: (516) 254-2570  
Spiller Extention: Not reported  
Spiller Address: 10 GRAND BLVD  
Spiller City,St,Zip: DEER PARK, NY 11729  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8600104  
DER Facility ID: 157683  
Site ID: 188837  
Operable Unit ID: 896408  
Operable Unit: 01  
Material ID: 559775  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 188837  
Spill Tank Test: 4400  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 8600104 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "YAGER WELL" / / : \*\*\*NOTE: BELOW NOTES PERTAINING TO SUFF  
CTY ACTIONS ARE FROM INFO THEY HAVE SENT US. OBVIOUSLY, THIS IS NOT THEIR  
ENTIRE FILE ON USTRUCK. / / : \*\*\*NOTE: THERE MAY BE OTHER SPILLS  
HERE???. 04/03/86: FENLEY & NICOL REPORTS PT FAILURE OF 1 "3"K STEEL LEADED

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

US TRUCK BODY/PICONE (Continued)

S100172297

GAS AT -.103 AND 1 "3"K STEEL DIESEL AT -.409. TEST REPORT SAYS OWNER OF TANKS AND PROPERTY IS "PICONE 110 FARMINGDALE". 04/07/86: DEC SENDS 3OPTION LETTER TO US TRUCK BODY (E CARMANS RD E FARMINGDALE NY 11735 516-420-1188). 04/25/86: SUFF CTY HEALTH SENDS ITS STANDARD LETTER TO US TRUCK: MUST BE REPAIRED OR ABANDONED. 05/01/86: DEC (O'NEILL) MEETS STEVE GESSNER (MGR) ON SITE: DIESEL IS ON ONE SIDE OF BLDG, GAS ON OTHER. NEED 4 WELLS AT EACH TANK IF THEY'RE ABANDONED. 06/30/86: A: DEC (PAREJA), BENET CALAIS (PRES- US TRUCK), AND TYREE ON SITE- PULLED 3K DIESEL. PAREJA'S 2JUL NOTES SAY PITTINGOBSERVED, BUT NO HOLES FOUND. 06/30/86: B: DID ENCOUNTER CONTAMINATION- DUG APPROX 4CY BEFORE SIDES BEGAN TO CAVE IN. 06/30/86: C: ALSO FOUND "WASTE OIL" IN 2 STORM DRAINS ADJACENT TO ONE OF TANKS (WHICH???). HAD UNK (SOLVENT?) ODOR. DEC TOOK SAMPLE. 07/01/86: PAREJA DELIVERS SAMPLE TO PEDNEAULT. 07/01/86: A: PAREJA AND TYREE ON SITE- PULLED THE GAS TANK (EVIDENTLY A 4K, NOT 3K). FOUND 17 HOLES AND HEAVY PITTING. DUG APPROX 3CY, BUT COULD NOT GET IT ALL DUE TO PROXIMITY TO CESSPOOLS (DOES HE MEAN. 07/01/86: B: THE POOLS THAT WERE FOUND TO HAVE PETRO CONTAMINATION???). SKETCH SHOWS ANOTHER TENANT IN THIS BLDG- SPEEDWAY TRUCKING. 07/02/86: LANDLORD (PICONE) TO HAVE THE DRAINS CLEANED. 07/09/86: O'NEILL SENDS LETTERTO US TRUCK: REQUEST WELLS. MINIMUM OF 10FT SCREEN AND 5FT INTO WATER. 07/11/86: RECEIVE 30JUN DATA: NO CHLORINATEDS (VIA EPA 601?), 10PPB B, 541PPB T, 40855PPB X. 07/14/86: PAREJA CALLED STEVE DRIELAK (SUFF CTY ENV CRIME UNIT): NOT IN, LEFTMESSAGE. 07/14/86: TYREE SAYS STOCKPILED SOIL HAS HIGH LEVEL OF CHROMIUM. 07/14/86: PAREJA SENDS LETTER TO JOSEPH PICONE SR (JOSEPH PICONE & SON 1637 RTE 110 E FARMINGDALE NY 11735): "...ADVISE YOU OF YOUR DUTY TO CLEAN UP [THE DRAINS]...". 07/15/86: PAREJA MET DRIELAK ON SITE??? (THERE IS A NOTE HE WAS TO HAVE, BUT NO NOTES THAT HE DID). 07/28/86: PICONE SAYS HE WILL CLEAN UP THE DRAINS. 07/29/86: O'NEILL MARKS OUT 6 WELLS. 07/30/86: (THIS DATE?): TYREE INSTALLS THE WELLS. DECNOT ON SITE. 08/04/86: TYREE CHECKS WELLS: 16" PRODUCT IN WELL 4. (WHAT PRODUCT IS THIS- GAS OR DIESEL?). HAS SKETCH AND DEPTH TO WATER (DTW); LATTER APPROX 12.5FT. 08/19/86: DEC (PARISH) SENDS LETTER TO US TRUCK: CITES RESULTS, REQUESTS MORE WELLS. NOT DONE, EVIDENTLY. 11/06/86: O'NEILL CHECKS WELLS: 1-4 AND 6 HAVE NO FLOATING PRODUCT; 5 HAS 4.75" BLACK UNSPECIFIED PRODUCT. \*\*\*HIS #5 IS SAME AS TYREE #4. HAS SKETCH, NO DTW. 04/20/87: O'NEILL CHECKS ALL 5 DRAINS: CLEAN. 05/14/90: SUFF CTY HEALTH INSPECTS: VARIOUS VIOLATIONS, INCLUDING STORAGE OF DRUMS AND BATTERIES OUTSIDE, AND OIL IN STORM DRAIN. 05/22/90: SCHD ISSUED VIOLATION (SC ARTICLE 12 SECT 760-1205: FOR OIL IN STORM DRAIN) TO PICONE. 05/23/90: SCHD SAMPLES THE DRAIN. 06/01/90: SC LAB FINDS NOTHING EXCEPT .25PPM ZINC AND .1PPM MANGANESE. 06/05/90: SCHD CHECKS SITE: SOME CLEANUP DONE. THIS DOES NOT INCLUDE STORM DRAIN. 07/17/90: SCHD, MPC, & CPC ON SITE: BEGAN TO CLEAN DRAIN. MUCH DEEPER THAN THOUGHT, SO OPERATION SUSPENDED TO RECONSIDER OPTIONS. FIVE DRUMS LIQUID AND 1/3 DRUM SOLID GENERATED. SC SAMPLED THE DRUMS. 08/23/90: SCHD (SEYFARTH) SENDS LETTER TO US TRUCK: LAB FINDS 1.2PPM LEAD AND .03PPM CADMIUM IN THE MATERIAL FROM THEDRAIN. REQUEST CLEANUP. 08/31/90: SEYFARTH SENDS LETTER TO PICONE: US TRUCK SAYS ANYONE COULD HAVE CAUSED THIS. THEY FEEL PICONE SHOULD CLEAN UP. IT IS COUNTY POSITION THAT PICONE, AS LANDLORD, IS ULTIMATELY RESPONSIBLE. 09/12/90: A: VICTOREMANUELO (PICONE'S COMPANY ATTORNEY) SENDS LETTER DISPUTING US TRUCK'S POSITION. PICONE IS NOT THWARTING CLEANUP, BUT FEELS EVERY EFFORT SHOULD BE MADE TO GET US TRUCK TO CLEAN UP FIRST. 09/12/90: B: \*\*\*PICONE'S FIRM IS HOLLOW PROPERTIES. (SEE16APR91 ENTRY, WHEN ITS CALLED THREEPEES REALTY). 09/18/90: SEYFARTH SENDS LETTER TO BOTH US TRUCK AND PICONE: IF NO ACTION WITHIN 14 DAYS, SC WILL INITIATE LEGAL ACTION AGAINST BOTH. 09/28/90: AL HARMON (PRES- US TRUCK) SENDS LETTER TO SC, REITERATING HIS POSITION AND GIVING REASONS WHY. 11/21/90: SC INSPECTS SITE, WHICH WAS "FORMER" US TRUCK (THEY RECENTLY MOVED OUT): OIL IN DRAIN, MORE SO NOW THAN BEFORE. NO EVIDENCE OF SPILLAGE. 11/27/90: SC MET WITH EMANUELO: PICONE WILL NOT DO WORK. WILLING

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

US TRUCK BODY/PICONE (Continued)

S100172297

TO ASSIST COUNTY IN EFFORTS AGAINST US TRUCK. INSIDE OF BLDG ESSENTIALLY "CLEAN". 01/09/91: A: SEYFARTH SENDS LETTER TO REG SPILL ENGR (DOUG PICHA)- GIVES SUMMARY. THEY CHECKED WELLS, NOTED "GASOLINE-TYPE" ODOR. REQUEST FOLLOWUP TO SEE IF THE PETRO IN DRAIN COULD BE FROM TANK PROBLEM. 01/09/91: B: FEEL DRAIN IS IN GROUNDWATER, AND THUS COULD BE IMPACTED BY TANK PROBLEM. 03/06/91: TYREE WILL NOT MONITOR ANY MORE DUE TO LACK OF PAYMENT. (WHO HAD BEEN PAYING- US TRUCK OR PICONE?). 03/06/91: DEC (DEROSA) SPOKE TO SEYFARTH: HE WANTS TO COORDINATE ACTIONS. 03/07/91: EMANUELO SAYS US TRUCK IS RESPONSIBLE. THEIR NEW ADDRESS: 10 GRAND BLVD DEER PARK NY 11729 516-254-2570. IF THEY REFUSE, PICONE MAY DO THE WORK. 03/07/91: TYREE SENDS LETTER WITH DATA FOR JUL90 TO FEB91: FREE-PHASE PRODUCT IS SHOWING, BUT THEY ARE STOPPING WORK DUE TO LACK OF PAYMENT. 03/11/91: DEROSA SENDS LETTERS TO BOTH US TRUCK AND PICONE: RESUME MONITORING IMMEDIATELY. REQUEST DISSOLVED SAMPLING/ANALYSES. GIVES SCENARIO FOR FAILURE TO COMPLY. 03/13/91: EMANUELO SEEMS TO FEEL WE'RE NOT PURSUING US TRUCK AGGRESSIVELY ENOUGH. 03/15/91: HARMON WILL MONITOR (HIMSELF, OR HIRE?), BUT DENIES RESPONSIBILITY FOR INCIDENT. FEARS HIS DOING THE MONITORING WILL BE SEEN AS ADMISSION OF GUILT. WILL CHECK WITH HIS ATTORNEY RE THE SAMPLING. 04/01/91: TO 9MAY91: MULTIPLE CALLS TO HARMON- NO REPLY. \*\*\*NOTE: DEC HAS NOT RECEIVED ANY DATA SINCE FEB91. 04/16/91: A: RECEIVE 11 APR LETTER TO EMANUELO- AS PER 15 MAR TELECON, DEC SAID THEY WOULD PROVIDE LETTER THAT DEC "...WOULD NOT SEEK TO COMPEL MY CLIENT, THREEPEES REALTY CORP, TO TAKE THE. 04/16/91: B: RESPONSIBILITY FOR CONTINUING TESTING...FOR 90 DAYS UNTIL JUNE 11, 1991". HAVE NOT RECEIVED SUCH LETTER. 02/18/92: RECEIVE A FAX FROM KAREN WALKER (LIBERTY MUTUAL 18 SENTRY PARK WEST, BLUE BELL PA 19422 FOR ): PLEASE CALL. 10/10/95: This is additional information about material spilled from the translation of the old spill file: DIESEL?. END DEC Remark - 8600104

Remarks: Start Caller Remark - 8600104 1 3 OR 4K GAS AND 1 3 OR 4K DIESEL FAILED PETROTITE. \*\*\*MAY BE OTHER SPILLS HERE???\*\*\* END Caller Remark - 8600104

HIST LTANKS:

Region of Spill: 1  
Spill Number: 8600104  
Investigator: YAGER WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 04/03/1986  
Spill Time: 16:30  
Reported to Department Date: 04/04/86  
Reported to Department Time: 09:55  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: US TRUCK BODY  
Spiller Address: 10 GRAND BLVD  
Spiller City, St, Zip: DEER PARK, NY 11729  
Facility Contact: Not reported  
Facility Phone: (516) 254-2570  
Facility Extension: Not reported  
Spill Cause: Tank Test Failure

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

US TRUCK BODY/PICONE (Continued)

S100172297

Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: / /  
Date Region Sent Summary to Central Office: 01/27/93  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/18/86  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 09/27/01  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: / / : \*\*\*NOTE: BELOW NOTES PERTAINING TO SUFF CTY ACTIONS ARE FROM INFO THEY  
HAVE SENT US. OBVIOUSLY, THIS IS NOT THEIR ENTIRE FILE ON US TRUCK. / / :  
\*\*\*NOTE: THERE MAY BE OTHER SPILLS HERE???. 04/03/86: FENLEY NICOL REPORTS PT  
FAILURE OF 13 K STEEL LEADED GAS AT -.103 AND 1 3 K STEEL DIESEL AT -.409.  
TEST REPORT SAYS OWNER OF TANKS AND PROPERTY IS PICONE 110 FARMINGDALE .  
04/07/86: DEC SENDS 3OPTION LETTER TO US TRUCK BODY E CARMANS RD E FARMINGDALE  
NY 11735 516-420-1188). 04/25/86: SUFF CTY HEALTH SENDS ITS STANDARD LETTER TO  
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GESSNER MGR) ON SITE: DIESEL IS ON ONE SIDE OF BLDG, GAS ON OTHER. NEED 4  
WELLS AT EACH TANK IF THEY RE ABANDONED. 06/30/86: A: DEC PAREJA), BENET  
CALAIS PRES- US TRUCK), AND TYREE ON SITE- PULLED 3K DIESEL. PAREJA S 2JUL  
NOTES SAY PITTING OBSERVED, BUT NO HOLES FOUND. 06/30/86: B: DID ENCOUNTER  
CONTAMINATION- DUG APPROX 4CY BEFORE SIDES BEGAN TO CAVE IN. 06/30/86: C: ALSO  
FOUND WASTE OIL IN 2 STORM DRAINS ADJACENT TO ONE OF TANKS WHICH???. HAD  
UNK SOLVENT?) ODOR. DEC TOOK SAMPLE. 07/01/86: PAREJA DELIVERS SAMPLE TO  
PEDNEAULT. 07/01/86: A: PAREJA AND TYREE ON SITE- PULLED THE GAS TANK  
EVIDENTLY A 4K, NOT 3K). FOUND 17 HOLES AND HEAVY PITTING. DUG APPROX 3CY,  
BUT COULD NOT GET IT ALL DUE TO PROXIMITY TO CESSPOOLS DOES HE MEAN.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

US TRUCK BODY/PICONE (Continued)

S100172297

07/01/86: B: THE POOLS THAT WERE FOUND TO HAVE PETRO CONTAMINATION???. SKETCH SHOWS ANOTHER TENANT IN THISBLDG- SPEEDWAY TRUCKING. 07/02/86: LANDLORD (PICONE) TO HAVE THE DRAINS CLEANED. 07/09/86: O NEILL SENDS LETTER TO US TRUCK: REQUEST WELLS. MINIMUM OF 10FT SCREEN AND 5FT INTO WATER. 07/11/86: RECEIVE 30JUN DATA: NO CHLORINATEDS VIA EPA 601?), 10PPB B, 541PPB T, 40855PPB X. 07/14/86: PAREJA CALLED STEVE DRIELAK SUFF CTY ENV CRIME UNIT): NOT IN, LEFT MESSAGE. 07/14/86: TYREE SAYS STOCKPILED SOIL HAS HIGH LEVEL OF CHROMIUM. 07/14/86: PAREJA SENDS LETTER TO JOSEPH PICONE SR JOSEPH PICONESON 1637 RTE 110 E FARMINGDALE NY 11735): ...ADVISE YOU OF YOUR DUTY TO CLEAN UP THE DRAINS ... . 07/15/86: PAREJA MET DRIELAK ON SITE??? THERE IS A NOTE HE WAS TO HAVE, BUT NO NOTES THAT HE DID). 07/28/86: PICONE SAYS HE WILL CLEAN UP THE DRAINS. 07/29/86: O NEILL MARKS OUT 6 WELLS. 07/30/86: THIS DATE?): TYREE INSTALLS THE WELLS. DEC NOT ON SITE. 08/04/86: TYREE CHECKS WELLS: 16 PRODUCT IN WELL 4. WHAT PRODUCT IS THIS- GAS OR DIESEL?). HAS SKETCH AND DEPTH TO WATER (DTW); LATTER APPROX 12.5FT. 08/19/86: DEC (PARISH) SENDS LETTER TO US TRUCK: CITES RESULTS, REQUESTS MORE WELLS. NOT DONE, EVIDENTLY. 11/06/86: O NEILL CHECKS WELLS: 1-4 AND 6 HAVE NO FLOATING PRODUCT; 5 HAS 4.75 BLACK UNSPECIFIED PRODUCT. \*\*\*HIS 5 IS SAME AS TYREE 4. HAS SKETCH, NO DTW. 04/20/87: O NEILL CHECKS ALL 5 DRAINS: CLEAN. 05/14/90: SUFF CTY HEALTH INSPECTS: VARIOUS VIOLATIONS, INCLUDING STORAGE OF DRUMS AND BATTERIES OUTSIDE, AND OIL IN STORM DRAIN. 05/22/90: SCHD ISSUED VIOLATION SC ARTICLE 12 SECT 760-1205: FOR OIL IN STORM DRAIN) TO PICONE. 05/23/90: SCHD SAMPLES THE DRAIN. 06/01/90: SC LAB FINDS NOTHING EXCEPT .25PPM ZINC AND .1PPM MANGANESE. 06/05/90: SCHD CHECKS SITE: SOME CLEANUP DONE. THIS DOES NOT INCLUDE STORM DRAIN. 07/17/90: SCHD, MPC, CPC ON SITE: BEGAN TO CLEAN DRAIN. MUCH DEEPER THAN THOUGHT, SO OPERATION SUSPENDED TO RECONSIDER OPTIONS. FIVE DRUMS LIQUID AND 1/3 DRUM SOLID GENERATED. SC SAMPLED THE DRUMS. 08/23/90: SCHD (SEYFARTH) SENDS LETTER TO US TRUCK: LAB FINDS 1.2PPM LEAD AND .03PPM CADMIUM IN THE MATERIAL FROM THE DRAIN. REQUEST CLEANUP. 08/31/90: SEYFARTH SENDS LETTER TO PICONE: US TRUCK SAYS ANYONE COULD HAVE CAUSED THIS. THEY FEEL PICONE SHOULD CLEAN UP. IT IS COUNTY POSITION THAT PICONE, AS LANDLORD, IS ULTIMATELY RESPONSIBLE. 09/12/90: A: VICTOR EMANUELO (PICONE S COMPANY ATTORNEY) SENDS LETTER DISPUTING US TRUCK S POSITION. PICONE IS NOT THWARTING CLEANUP, BUT FEELS EVERY EFFORT SHOULD BE MADE TO GET US TRUCK TO CLEAN UP FIRST. 09/12/90: B: \*\*\*PICONE S FIRM IS HOLLOW PROPERTIES. SEE 16APR91 ENTRY, WHEN ITS CALLED THREEPEES REALTY). 09/18/90: SEYFARTH SENDS LETTER TO BOTH US TRUCK AND PICONE: IF NO ACTION WITHIN 14 DAYS, SC WILL INITIATE LEGAL ACTION AGAINST BOTH. 09/28/90: AL HARMON (PRES- US TRUCK) SENDS LETTER TO SC, REITERATING HIS POSITION AND GIVING REASONS WHY. 11/21/90: SC INSPECTS SITE, WHICH WAS FORMER US TRUCK (THEY RECENTLY MOVED OUT): OIL IN DRAIN, MORE SO NOW THAN BEFORE. NO EVIDENCE OF SPILLAGE. 11/27/90: SC MET WITH EMANUELO: PICONE WILL NOT DO WORK. WILLING TO ASSIST COUNTY IN EFFORTS AGAINST US TRUCK. INSIDE OF BLDG ESSENTIALLY CLEAN. 01/09/91: A: SEYFARTH SENDS LETTER TO REG SPILL ENGR DOUG PICA)- GIVES SUMMARY. THEY CHECKED WELLS, NOTED GASOLINE-TYPE ODOR. REQUEST FOLLOWUP TO SEE IF THE PETRO IN DRAIN COULD BE FROM TANK PROBLEM. 01/09/91: B: FEEL DRAIN IS IN GROUNDWATER, AND THUS COULD BE IMPACTED BY TANK PROBLEM. 03/06/91: TYREE WILL NOT MONITOR ANY MORE DUE TO LACK OF PAYMENT. WHO HAD BEEN PAYING- US TRUCK OR PICONE?). 03/06/91: DEC (DEROSA) SPOKE TO SEYFARTH: HE WANTS TO COORDINATE ACTIONS. 03/07/91: EMANUELO SAYS US TRUCK IS RESPONSIBLE. THEIR NEW ADDRESS: 10 GRAND BLVD DEER PARK NY 11729 516-254-2570. IF THEY REFUSE, PICONE MAY DO THE WORK. 03/07/91: TYREE SENDS LETTER WITH DATA FOR JUL90 TO FEB91: FREE-PHASE PRODUCT IS SHOWING, BUT THEY ARE STOPPING WORK DUE TO LACK OF PAYMENT. 03/11/91: DEROSA SENDS LETTERS TO BOTH US TRUCK AND PICONE: RESUME MONITORING IMMEDIATELY. REQUEST DISSOLVED SAMPLING/ANALYSES. GIVES SCENARIO FOR FAILURE TO COMPLY. 03/13/91: EMANUELO SEEMS TO FEEL WE RE NOT PURSUING US TRUCK AGGRESIVELY ENOUGH. 03/15/91: HARMON WILL MONITOR HIMSELF, OR HIRE?), BUT DENIES RESPONSIBILITY FOR INCIDENT.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

US TRUCK BODY/PICONE (Continued)

S100172297

FEARS HIS DOING THE MONITORING WILL BE SEEN AS ADMISSION OF GUILT. WILL CHECK WITH HIS ATTORNEY RE THE SAMPLING. 04/01/91: TO 9MAY91: MULTIPLE CALLS TO HARMON- NO REPLY. \*\*\*NOTE: DEC HAS NOT RECEIVED ANY DATA SINCE FEB91. 04/16/91: A: RECEIVE 11APR LETTER TO EMANUELO- AS PER 15MAR TELECON, DEC SAID THEY WOULD PROVIDE LETTER THAT DEC ...WOULD NOT SEEK TO COMPEL MY CLIENT, THREEPEES REALTY CORP, TO TAKE THE. 04/16/91: B: RESPONSIBILITY FOR CONTINUING TESTING...FOR 90 DAYS UNTIL JUNE 11, 1991 . HAVE NOT RECEIVED SUCH LETTER. 02/18/92: RECEIVE A FAX FROM KAREN WALKER LIBERTY MUTUAL 18 SENTRY PARK WEST, BLUE BELL PA 19422 FOR ): PLEASE CALL. 10/10/95: This is additional information about material spilled from the translation of the old spill file: DIESEL?.

Spill Cause: 1 3 OR 4K GAS AND 1 3 OR 4K DIESEL FAILED PETROTITE. \*\*\*MAY BE OTHER SPILLS HERE???

F31 MIDWAY IND ELECTRONICS  
SW 920 CONKLIN STREET  
1/4-1/2 FARMINGDALE, NY  
1599 ft.

LTANKS S100147355  
HIST LTANKS N/A

Site 1 of 2 in cluster F

Relative:  
Equal

LTANKS:

Actual:  
72 ft.

Site ID: 291527  
Spill Date: 10/12/88  
Facility Addr2: Not reported  
Facility ID: 8806011  
Program Number: 8806011  
SWIS: 5220  
Region of Spill: 1  
Investigator: KDGOERTZ  
Referred To: Not reported  
Reported to Dept: 10/17/88  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Tank Tester  
Cleanup Ceased: 10/31/88  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 10/31/88  
Remediation Phase: 0  
Date Entered In Computer: 10/19/88  
Spill Record Last Update: 06/06/06  
Spille Namer: Not reported  
Spiller Company: MIDWAY IND ELECTRONICS  
Spiller Phone: (516) 293-6800  
Spiller Extention: Not reported  
Spiller Address: 920 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8806011

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

MIDWAY IND ELECTRONICS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100147355

DER Facility ID: 289634  
Site ID: 291527  
Operable Unit ID: 921168  
Operable Unit: 01  
Material ID: 554732  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 291527  
Spill Tank Test: 9333  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 8806011 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "GOERTZ FD" 10/31/88: 10/21 TANK REMOVED BY F&N,NO HOLES  
FOUND SOIL CLEAN. 10/28 SPILL CAN BE CLOSED. TANK PULLED OUT. FILE  
HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR  
RETENTION/DISPOSAL PROCEDURES END DECRemark - 8806011  
Remarks: Start CallerRemark - 8806011 5K FAILED AT -.080. F&N TESTER. END CallerRemark -  
8806011

HIST LTANKS:  
Region of Spill: 1  
Spill Number: 8806011  
Investigator: GOERTZ FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 10/12/1988  
Spill Time: 17:00  
Reported to Department Date: 10/17/88  
Reported to Department Time: 09:18  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: MIDWAY IND ELECTRONICS  
Spiller Address: 920 CONKLIN STREET  
Spiller City,St,Zip: FARMINGDALE, NY  
Facility Contact: Not reported  
Facility Phone: (516) 293-6800

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**MIDWAY IND ELECTRONICS (Continued)**

**S100147355**

Facility Extension: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: 10/31/88  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 10/31/88  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/19/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/11/00  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 10/31/88: 10/21 TANK REMOVED BY F N,NO HOLES FOUND SOIL CLEAN. 10/28 SPILL CAN  
BE CLOSED. TANK PULLED OUT.  
Spill Cause: 5K FAILED AT -.080. F N TESTER.

**F32            KENMARK TEXTILE PRINTING CORP**  
**WSW        921 CONKLIN ST**  
**1/4-1/2     FARMINGDALE, NY 11735**  
**1615 ft.**

**Relative:**  
**Equal**

**Site 2 of 2 in cluster F**

**CERCLIS    1000296061**  
**RCRA-SQG   NYD075784165**  
**FINDS**  
**UST**  
**AST**  
**Delisted NPL**  
**ROD**

**Actual:**  
**72 ft.**  
CERCLIS:  
Site ID: 0201614  
Federal Facility: Not a Federal Facility  
NPL Status: Deleted from the Final NPL  
Non NPL Status: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KENMARK TEXTILE PRINTING CORP (Continued)**

**1000296061**

CERCLIS Site Contact Name(s):

Contact Name: SHARON TROCHER  
Contact Tel: (212) 637-3965  
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name: KENMARK TEXTILE CORP  
Alias Address: Not reported  
SUFFOLK, NY  
Alias Name: KENMARK TEXTILE CORPORATION  
Alias Address: Not reported  
NY  
Alias Name: KENMARK TEXTILE CORP.  
Alias Address: 921 CONKLIN ST (P.O. BOX 298)  
FARMINGDALE, NY 11735

Site Description: The Site, now occupied by the Susquehanna Textile Company, is located in a light industrial area at 921 Conklin Street in East Farmingdale, New York. Since at least 1917, the Site has been the location of several successive silk and textile dye, printing and screening operations. Residential developments are located to the south and west, with an estimated 6,200 residents living within one mile of the Site. With the exception of a parkland and an undeveloped area adjacent to the parkland, both located upgradient of the Site, the residents within one mile of the site obtain drinking water from public water supplies. The nearest surface water body to the Site is an artificial pond (recharge basin) located 0.2 miles south of the Site. From as early as 1972, processed wastewater generated at the site was chemically treated, resulting in the precipitation of solids from the wastewater. The sludge from the wastewater was distributed to outdoor concrete-lined beds for settling and drying and was periodically removed from the sludge drying beds and placed in drums. The resulting wastewater (supernatant) was discharged to the leaching pit located on site and east of the building. In 1984, the wastewater was discharged to the Suffolk County Publicly Owned Treatment Works. In 1992, two rounds of groundwater samples were collected from the ten monitoring wells and analyzed for inorganic and organic compounds. Antimony, thallium, and cadmium were detected above the State or Federal primary drinking water standards (also referred to as the maximum contaminant levels (MCLs)). Sampling conducted between 1974 and 1984 by the Suffolk County Department of Health Services and Kenmark, revealed that wastewater discharged into the on-site leaching pit contained hexavalent chromium, copper, iron, lead, silver, and phenols in violation of New York State groundwater discharge standards. Based on these findings, the site was added to EPA's National Priorities List (NPL) in 1986. As early as 1972, process wastewater generated at the Site was chemically treated, resulting in the precipitation of solids from the wastewater. The sludge from the wastewater was distributed to outdoor concrete-lined beds for settling and drying. The sludge was periodically removed from the sludge drying beds and placed in drums. The resulting wastewater (supernatant) was discharged to the leaching pit located on-site and east of the building. Beginning in November 1984, the wastewater was discharged to the Suffolk County Publicly Owned Treatment Works. Three subsurface leaching pools are located south of the building beneath a paved parking lot. Access to each of the leaching pools is

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**KENMARK TEXTILE PRINTING CORP (Continued)**

**1000296061**

through a manhole. The original function of these leaching pools is not known, although it is suspected that they were used to collect parking-lot surface runoff and also textile-printing process wastewater. Sampling conducted between January 1974 and May 1984 by the Suffolk County Department of Health Services and a contractor hired by Kenmark, revealed that wastewater discharged into the on-Site leaching pit contained hexavalent chromium, copper, iron, lead, silver, and phenols in violation of New York State groundwater discharge standards. Based on these findings, the Site was added to EPA's National Priorities List (NPL) in June 1986. In 1987, S.J. & J. Service Stations, Inc. (SJ&J) who is the current property owner and a potentially responsible party (PRP) for the Site, entered into an Administrative Consent Order (ACO) with NYSDEC to conduct a Remedial Investigation (RI) to determine the nature and full extent of the Site contamination, and a Feasibility Study (FS) to evaluate cleanup alternatives. The ACO set forth the terms and schedule of the study to be carried out by SJ&J under the supervision of the NYSDEC. In August 1990, NYSDEC requested that EPA assume the role of lead agency for the remedial activities at the Site. In December 1990, EPA sent "spec

**CERCLIS Assessment History:**

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 08/01/1983  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: 08/01/1983  
Date Completed: 09/01/1983  
Priority Level: High

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 09/01/1984  
Priority Level: Low

Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 10/15/1984  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: 08/01/1985  
Date Completed: 09/30/1985  
Priority Level: High

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 06/10/1986  
Priority Level: Not reported

Action: AERIAL SURVEY  
Date Started: Not reported  
Date Completed: 09/01/1987  
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT  
Date Started: Not reported  
Date Completed: 10/21/1987  
Priority Level: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	06/10/1987
Date Completed:	10/21/1987
Priority Level:	Not reported
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	03/11/1987
Date Completed:	04/30/1988
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started:	10/21/1987
Date Completed:	05/06/1988
Priority Level:	Not reported
Action:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	10/21/1987
Date Completed:	08/27/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	03/21/1990
Date Completed:	09/10/1990
Priority Level:	Stabilized
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	07/31/1991
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	07/03/1991
Date Completed:	08/12/1991
Priority Level:	Stabilized
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started:	07/31/1991
Date Completed:	01/22/1992
Priority Level:	Not reported
Action:	STATE SUPPORT AGENCY COOPERATIVE AGREEMENT
Date Started:	06/26/1987
Date Completed:	03/31/1992
Priority Level:	Not reported
Action:	RISK/HEALTH ASSESSMENT
Date Started:	Not reported
Date Completed:	12/02/1993
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	07/31/1991
Date Completed:	03/30/1994
Priority Level:	Not reported
Action:	RECORD OF DECISION

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Date Started: Not reported  
Date Completed: 03/30/1994  
Priority Level: Final Remedy Selected at Site

Action: POTENTIALLY RESPONSIBLE PARTY COMMUNITY INVOLVEMENT  
Date Started: 01/31/1992  
Date Completed: 03/30/1994  
Priority Level: Not reported

Action: CLOSE OUT REPORT  
Date Started: Not reported  
Date Completed: 03/30/1994  
Priority Level: Not reported

Action: DELETION FROM NATIONAL PRIORITIES LIST  
Date Started: 12/15/1994  
Date Completed: 05/01/1995  
Priority Level: Not reported

Action: PREPARATION OF COST DOCUMENT PACKAGE  
Date Started: Not reported  
Date Completed: 03/05/1997  
Priority Level: Not reported

**RCRAInfo:**

Owner: ANTHONY JEVARSIAN  
(212) 555-1212  
EPA ID: NYD075784165  
Contact: Not reported  
Classification: Small Quantity Generator  
TSD Activities: Not reported  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**KENMARK TEXTILE PRINTING CORP (Continued)**

**1000296061**

that support Compliance and Enforcement programs. These include;  
Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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.

UST:

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 4  
Location: UNDER, OUT  
Installed: Not reported  
Capacity: 0000010000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: Not reported  
Official Use: Never Installed  
Permit to Operate: Not reported  
Tank Key: 7787  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100 034.00 001 006.000

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 7  
Location: UNDER, IN  
Installed: Not reported  
Capacity: 0000020000  
Content: #4 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 012291  
Official Use: Abandoned, approved by plan review, awaiting construction for compliance inspection. 91  
Permit to Operate: Not reported  
Tank Key: 7788  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Tax Map No: 0100 034.00 001 006.000

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 6  
Location: UNDER, IN  
Installed: Not reported  
Capacity: 0000020000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 012291  
Official Use: Abandoned, approved by plan review, awaiting construction for compliance inspection. 91  
Permit to Operate: Not reported  
Tank Key: 7789  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100 034.00 001 006.000

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 5  
Location: UNDER, IN  
Installed: Not reported  
Capacity: 0000020000  
Content: #2 FUEL OIL  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: GRAVITY  
Date Removed: 012291  
Official Use: Abandoned, approved by plan review, awaiting construction for compliance inspection. 91  
Permit to Operate: Not reported  
Tank Key: 7790  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100 034.00 001 006.000

AST:

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 1  
Location: ABOVE, OUT  
Installed: 73  
Capacity: 0000003000  
Content: INDUSTRIAL WASTE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Construction: STEEL  
Dispenser: GRAVITY  
Fill Type: PUMPED  
Date Removed: 123189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7784  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 2  
Location: ABOVE, OUT  
Installed: 73  
Capacity: 0000002400  
Content: INDUSTRIAL WASTE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 123189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7785  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2902  
Region: SUFFOLK  
Owner Name: SJ & J S/S IN  
Owner Address: PO BOX 246  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 3  
Location: ABOVE, OUT  
Installed: Not reported  
Capacity: 0000500000  
Content: INDUSTRIAL WASTE  
Construction: STEEL  
Dispenser: SUCTION  
Fill Type: PUMPED  
Date Removed: 123189  
Official Use: Removed Tank. 89  
Permit to Operate: Not reported  
Tank Key: 7786  
Facility Reference #: 07525  
Tank Count: 7  
Township: BABYLON  
Tax Map No: 0100

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Delisted NPL:

EPA ID: NYD075784165  
EPA Region: 02  
Federal: General  
Deleted Date: 05/01/1995

Category Details:

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Category Description: Depth To Aquifer-> 25 And <= 50 Feet  
Category Value: 30

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

Site Details:

Site Name: KENMARK TEXTILE CORP.  
Site Status: Deleted  
Status Date: 5/1/1995  
Site City: FARMINGDALE  
Site State: NY  
Federal Site: Not a Federal Facility  
HRS Score: 31.72  
GW Score: 54.88  
SW Score: Not reported  
Air Score: Not reported  
Soil Score: Not reported  
DC Score: Not reported  
FE Score: Not reported

Substance Details:

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: A020  
Substance: CHROMIUM AND COMPOUNDS  
CAS #: Not reported  
Pathway: GROUND WATER PATHWAY  
Scoring: 3

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: A020  
Substance: CHROMIUM AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KENMARK TEXTILE PRINTING CORP (Continued)**

**1000296061**

Scoring: 3  
  
Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: A038  
Substance: NICKEL AND COMPOUNDS  
CAS #: Not reported  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: C151  
Substance: IRON AND COMPOUNDS  
CAS #: Not reported  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: C178  
Substance: COPPER AND COMPOUNDS  
CAS #: Not reported  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

Site ID: Not reported  
NPL Status: Deleted from the Final NPL  
Substance ID: C247  
Substance: ZINC AND COMPOUNDS  
CAS #: Not reported  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

**Summary Details:**

Conditions at proposal October 15, 1984): Kenmark Textile Corp. has conducted operations involving manufacturing screens and handling and washing fabric in a light industrial area in Farmingdale, Suffolk County, New York, since 1971. The 5-acre site, which is largely paved, is fairly flat. Over 500 residences are within 0.25 mile of the site, the nearest 650 feet away. An engineering report completed in 1973 by a consultant to Kenmark documented that ground water at the site was in violation of ground water standards due to elevated levels of chromium. Wells are the only source of drinking water for more than 10,000 people in the area. It was known in 1973 that wastes were being discharged to leaching pits on-site. The wastes contained calcium, iron, inc, copper, chromium, nickel, and varying amounts of inks and dyes. In 1979, the State issued a permit requiring Kenmark to treat its waste water before discharging it to the municipal sewer. Kenmark is not meeting the discharge levels, and waste water contaminated with heavy metals is discharged to leaching pools on-site. In 1981, the Suffolk County Department of Health temporarily closed the company for illegal storage of drums of ha ardous waste. More than 50 drums containing hydroxide sludge are currently stored on-site. The State is negotiating with Kenmark to treat its wastes properly, discharge them into the municipal sewer system, and remove drums containing ha ardous wastes. Status June 10, 1986): Susquehanna Textile, a tenant at the site, has removed some of the contaminated materials from the surface.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KENMARK TEXTILE PRINTING CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000296061**

Site Status Details:

NPL Status: Deleted  
Proposed Date: 10/15/1984  
Final Date: 06/10/1986  
Deleted Date: 05/01/1995

Narratives Details:

NPL Name: KENMARK TEXTILE CORP.  
City: FARMINGDALE  
State: NY

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

**33**  
**WSW**  
**1/4-1/2**  
**1734 ft.**

**METRO**  
**BIRCH / CONKLIN**  
**EAST FARMINGDALE, NY**

**LTANKS**  
**HIST LTANKS**

**S105054247**  
**N/A**

**Relative:**  
**Equal**

LTANKS:

**Actual:**  
**72 ft.**

Site ID: 218672  
Spill Date: 08/09/84  
Facility Addr2: Not reported  
Facility ID: 8401288  
Program Number: 8401288  
SWIS: 5220  
Region of Spill: 1  
Investigator: CAMPBELL  
Referred To: Not reported  
Reported to Dept: 08/10/84  
CID: Not reported  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Tank Tester  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Recommended  
UST Involvement: True  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: 05/02/96  
Remediation Phase: 0  
Date Entered In Computer: 06/17/86  
Spill Record Last Update: 02/08/06  
Spille Namer: Not reported  
Spiller Company: BCB OIL  
Spiller Phone: (516) 694-9555  
Spiller Extention: Not reported  
Spiller Address: 445 BROADHOLLOW RD  
Spiller City,St,Zip: MELVILLE, NY 11747  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

METRO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105054247

DEC Region: 1  
Program Number: 8401288  
DER Facility ID: 180885  
Site ID: 218672  
Operable Unit ID: 895242  
Operable Unit: 01  
Material ID: 481924  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 218672  
Spill Tank Test: 4341  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks:

Start DECRemark - 8401288 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "CAMPBELL WELL" / / : TYREE SAYS 3 4K REMAIN. MET WITH NEW  
OWNERS AND DISCUSSED WELL LOCATIONS. \*\*\*DATES FOR THESE NOT GIVEN. / /  
: WELL 1 IS DRY IN EARLY AUG. 08/10/84: TYREE CALLS DOT TO REPORT THAT TWO  
STEEL TANKS SIPHONED TOGETHER FAILED SYSTEM TEST ON 9 AUG. THE N TANK WAS  
UNCOVERED AND FOUND TO BE LEAKING; IT WAS EMPTIED 10 AUG. 08/13/84:  
BOOKKEEPER FOR BCB OIL STATED: STATION CLOSED MAR 84, OPEN FROM JAN 83- MAR 84,  
WAS CLOSED IN 82; BCB OWNS TANKS. 08/13/84: TWO 2K TANKS WERE PULLED; HOLES  
OBSERVED IN BOTH; PHOTO OF ONE TANK. NO INDICATION ON WHETHER SOIL WAS REMOVED.  
(3 4K TANKS NEXT TO THESE WERE LEFT. THEY HADPASSED THE TEST). 08/21/84:  
DOT (KOST) SENDS LETTER TO BCB REQUESTING SIX WELLS. 08/24/84: MPC INSTALLS  
ONE WELL FOR OWNER. APPROX 20' TO WATER (DTW), WELL 25' DEEP WITH 10' OF  
SCREEN. GAS ODOR NOTICED. 08/30/84: .25" OF BLACK PRODUCT NOTICED IN WELL.  
09/06/84: DOT CALLS TYREE REQUESTING MORE WELLS. TYREE SAYS OWNER DOES NOT  
HAVE THE MONEY; STATE WILL HAVE TO DO THE JOB. DOT LEFT MESSAGE FOR BUCCELLATO.  
10/15/84: ONE INCH OF PRODUCT. DTW 20'5". 10/20/84: 1.5" OF PRODUCT IN  
WELL. 10/22/84: DOT (PETEREC) SENDS LETTER REQUESTING MORE WELLS.  
10/23/84: 1.75" BLACK PRODUCT. DOT LAID OUT SIX WELLS. DOT LEFT MESSAGE FOR  
BUCCELLATO. 10/26/84: DOT LEFT MESSAGES FOR BUCCELLATO ON 26 OCT, 30 OCT, AND  
9 NOV. 11/06/84: THE WELL HAS 1" OF PRODUCT. 11/08/84: DOT SPEAKS TO  
TENANTS TO S CONCERNING ACCESS. DOT THEN CALLED FINKELSTEIN REALTY AND SPOKE TO  
MARK FINKELSTEIN, WHO SAID TO TALK TO RON FINKELSTEIN. 11/09/84: DOT SPOKE  
TO RON FINKELSTEIN, WHO REQUESTED A LETTER ASKING FOR ACCESS. 11/13/84: DOT  
(KOST) SENDS LETTER TO FINKELSTEIN REQUESTING ACCESS, OUTLINING WORK TO BE  
DONE, AND AGREEING TO DO WORK ON SATURDAY TO MINIMIZE DISRUPTION TO TENANT.  
ENCLOSED ACCESS FORM. 11/16/84: ONE-QUARTER OF AN INCH OF PRODUCT. NO DTW  
GIVEN. 12/13/84: ONE-HALF OF AN INCH OF PRODUCT; NO DTW GIVEN.  
12/14/84: BCB OIL'S SECRETARY (BARBARA) CALLED TO SAY PROPERTY HAS BEEN SOLD.  
BCB WILL GIVE DOT NAME OF NEW OWNERS. 12/14/84: DOT SPOKE TO FINKELSTEIN.  
HE THOUGHT WELLS WERE IN BUT OKAYS ACCESS. DOT NOTIFIED BCB OF INTENT TO DRILL  
ON 15 DEC. 12/15/84: MPC DRILL RIG BREAKS DOWN ENROUTE TO SITE. WELL HAS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

METRO (Continued)

S105054247

.5" DARK GAS; NO DTW GIVEN. SITE NOW CALLED "ARROW". 12/17/84: DOT SPOKE TO BARBARA AT BCB; TOLD HER THEY ARE STILL RESPONSIBLE. 12/18/84: DOT SPOKE TO NEW OWNER, MR. (CATTARE??). HE HAS NO OBJECTIONS TO WELLS, BUT WANTS WORK DONE ON WEEKEND WHEN HE IS CLOSED. 12/29/84: MPC INSTALLS SIX WELLS FOR DOT. 26' DEEP, INCLUDING 10' OF SCREEN. WELL ON N SIDE OF TANKS HAD ODOR; REST WERE CLEAN. PREVIOUS WELL HAD .75"; DTW 20'. 01/28/85: WELL 1 (ORIGINAL WELL) HAS 2", WELL 5 (DUE S OF TANKS) HAS .25", REST ARE CLEAN. NO DTW. 01/29/85: DOT (PETEREC) SENDS LETTER TO BUCCELLATO REQUESTING BAILING OF WELLS. 02/11/85: DOT RECEIVES LETTER FROM BCB'S ATTORNEY STATING "...PROPERTY INCLUDING THE UNDERGROUND STORAGE TANKS WAS CONVEYED TO WILLIAM GEBERT INC 36 ASH LANE HICKSVILLE ON NOVEMBER 26 1984". 02/11/85: \*\*\*NOTE: GEBERT IS INDICATED IN DOT NOTES AS BEING AN OWNER ALONG WITH CATTARE. 03/22/85: WELL 1 HAS .75", WELL 6 (DUE S; CALLED WELL 5 EARLIER) HAS .75". NO DTW GIVEN. 03/25/85: DOT HIRES MPC TO MONITOR WELLS. 03/28/85: WELL 1 (NOT SHOWN WHICH WELL THIS IS; PROBABLY THE ORIGINAL WELL) HAS 1/8" PRODUCT. WELLS 2-5 ARE CLEAN, 6 & 7 NOT CHECKED. NO DTW. 04/10/85: MPC STARTS MONITORING? NO SKETCH FOUND TO INDICATE WHICH WELLS ARE WHICH. 1/8" IN WELL 1 AND 3/4" IN WELL 6. \*\*\*NOTE: THE FOLLOWING ENTRIES ON WELL DATA INDICATE DATE A TREND STARTED. 04/10/85: DTW: WELL 1 23'2"AND1/8", WELL 2 22'4"AND7/8", WELL 3 22'AND7/8", WELL 4 22'5"AND1/8", WELL 5 21'5"AND3/8", WELL 6 22'4"AND1/4", WELL 7 23'5"AND1/2". 06/01/85: PRODUCT DISAPPEARS IN LATE MAY OR EARLY JUNE. 07/31/85: A TRACE SHOWS IN WELLS 1 AND 6 IN JULY. 08/28/85: DEC CHECKS WELLS. #6 AND #7 HAVE .75"; NO DTW. WELL 4 IS DRY. 09/25/85: A TRACE SHOWS IN WELLS 6 AND 7 DURING SEPT. DTW FOR WELL 6 IS 23.88' AND FOR WELL 7 IS 25.02'. 10/23/85: WELLS 1,4,6, AND 7 ARE DRY. 01/29/86: WELLS 1,4,6, AND 7 ARE DRY. WELL 2 IS DRY OFF AND ON. 06/24/86: WELLS 1,2,4,5,6, AND 7 ARE DRY. 07/08/86: WELL 3 HAS 5", DTW 20'5". ALL OTHER WELLS ARE DRY: 1,4,6,AND 7 CONSISTENTLY, 2 OFF AND ON. WELL 3 HAS DECREASING AMOUNTS THROUGH SEPT 3. 09/05/86: ALL WELLS ARE DRY. 12/14/86: WELL 3 DTW IS 26.39'. REST ARE DRY. 12/18/86: ALL WELLS ARE DRY. 12/22/86: WELL 3 DTW IS 26'3". 01/07/87: WELL 3 DTW IS 25'5" AND WELL 5 DTW IS 24'9". BOTH CLEAN. REST ARE DRY. 04/03/87: DTW: WELL 2 IS 25'1", WELL 3 IS 24'8.5", AND WELL 5 IS 24'1"AND1/8". ALL CLEAN. REST ARE DRY. 07/31/87: ONLY WELLS 3 AND 5 HAVE WATER. 08/25/87: ONLY WELL 3 HAS WATER. 09/17/87: DEC NOTES CONSISTENTLY DRY READINGS DURING REVIEW OF FILE. 10/16/87: DEC (O'BRIEN) RECOMMENDS REDRILLING ALL 7 WELLS; WILL SEND LETTER TO MPC. 10/19/87: MPC DEEPENED WELLS 1,3,6, AND 7. GAS ODOR IN ALL. WELLS HAVE 20' OF SCREEN. 12/31/87: DURING NOV AND DEC, WELLS 1,3,6, AND 7 ARE CLEAN; THE REST ARE DRY. DTW: WELL 1 IS 28'1.5", WELL 2 IS 26'11", WELL 3 IS 27'2.5", AND WELL 7 IS 28'2.75". 01/01/88: FROM JAN TO OCT 7, WELLS 2,4, AND 5 ARE DRY. REST ARE CLEAN. 07/07/88: DEC OKAYS SAMPLING WELLS 1,3,6, AND 7 FOR DISSOLVED PRODUCT. NYTEST TO ANALYZE. 07/12/88: SAMPLES TAKEN FOR DISSOLVED ANALYSIS. 08/03/88: DEC RECEIVES RESULTS: WELL 1 HAS 3000PPB BTX, WELL 3 HAS 250PPB BTX, WELL 6 HAS 4500PPB BTX, AND WELL 7 HAS 375PPB BTX. 10/19/88: ON OCT 10,17,AND 19 WELL 6 HAS A TRACE OF PRODUCT. THE REST ARE CLEAN. WELLS 2,4,5 ARE DRY. 10/24/88: WELL 6 HAS 1" OF PRODUCT. DTW IS 27'11". THE REST ARE CLEAN. WELLS 2,4, AND 5 ARE DRY. 11/03/88: WELL 6 HAS 1.75" OF PRODUCT. 11/18/88: ALL WELLS ARE CLEAN. WELLS 2,4, AND 5 ARE DRY. 12/27/88: DEC (MIRZA) SENDS LETTER TO FINKELSTEIN, INFORMING HIM WE WILL BE PUTTING IN MORE WELLS. 01/06/89: DEC RECEIVES REPLY FROM FINKELSTEIN'S LAWYER. THEY HAVE NO OBJECTION TO THE WORK PLANNED, BUT GIVE A LIST OF 6 CONDITIONS. MOST ARE ITEMS THEY WOULD BE INFORMED OF ANYWAY. 02/15/89: MIKE GRECO (DEC REGION 1 ASST ATTORNEY) SENDS REPLY. 03/08/89: GRECO SENDS MODIFIED ACCESS FORM. 04/18/89: LEGAL RECEIVES ATTORNEY'S REPLY ON 18 APR? BASICALLY REPEATS THEIR EARLIER LETTER AND THE LANGUAGE ADDED TO THE ACCESS FORM. 05/26/89: ALL 7 WELLS ARE CLEAN FROM 26 MAY TO 29 AUG. 07/25/89: DEC MARK OUT WELLS ON 25 JULY?. 07/26/89: CURRENT OWNER (OF BUSINESS ONLY?): DEWAN DWHAJ DECOPEN ENTERPRISES 9702 FOSTER AVE BROOKLYN 11236 (718)485-2277

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

METRO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105054247

Remarks:

DBA CITGO. CITGO'S ADDRESS: 311 NORMAN AVE BROOKLYN (718)389-9419.  
07/26/89: MPC INSTALLS 3 WELLS, EACH 40' DEEP WITH 20' OF SCREEN. DTW IS  
28FT. ODOR NOTICED ONLY IN W WELL. SOIL IS SAND AND GRAVEL. 08/10/89: MPC  
INSTALLS 2 WELLS, TO SW & W. EACH IS 40FT TOTAL DEPTH, WITH "30FT" OF SCREEN.  
NO ODOR. SOIL IS SAND AND GRAVEL. 08/16/89: DEC SENDS ACCESS LETTER TO  
BAKERY ACROSS STREET TO W. 08/24/89: DEC RECEIVES ACCESSSS FORM.  
08/30/89: MPC INSTALLS 3 WELLS. 09/12/89: DEC REQUESTS: REDUCE MONITORING  
TO ONCE PER MONTH, SITE MAP WITH GW CONTOURS, DISSOLVED PRODUCT TESTING.  
SAMPLES TO GO TO NYTEST. LETTERSENT 22 SEPT. 10/16/89: LAB RESULTS: WELL 4  
HAS 477PPM "GAS" (TEST WAS DOH 310-13), WELL 7 HAS 273PPM "GAS", AND WELL 8 HAS  
16PPM "GAS". XYLENE IN ALL WELLS, BENZENE AND TOLUENE SCATTERED. 10/19/89:  
DEC SENDS LETTER TO BUCELLATO INFORMING THAT FLOATING/DISSOLVED RECOVERY WILL  
BE INSTALLED AND WARNING HIM OF POSSIBLE CONSEQUENCES. RETURNED. 12/11/89:  
RECEIVE GROUNDWATER/BTX MAP. END DECRemark - 8401288  
Start CallerRemark - 8401288 CONTACT GENE BUCELLATO. TWO 2K TANKS FAILED  
PETRO-TITE TEST AS SYSTEM. END CallerRemark - 8401288

HIST LTANKS:

Region of Spill: 1  
Spill Number: 8401288  
Investigator: CAMPBELL WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 08/09/1984  
Spill Time: 12:00  
Reported to Department Date: 08/10/84  
Reported to Department Time: 11:40  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: BCB OIL  
Spiller Address: 445 BROADHOLLOW RD  
Spiller City,St,Zip: MELVILLE, NY 11747  
Facility Contact: Not reported  
Facility Phone: (516) 694-9555  
Facility Extention: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Gas Station  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation     Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

METRO (Continued)

S105054247

Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)

Spill Closed Dt: 05/02/96

Date Region Sent Summary to Central Office: 06/19/90

Corrective Action Plan Submitted: / /

Date Spill Entered In Computer Data File: 06/17/86

Time Spill Entered In Computer Data File: Not reported

Spill Record Last Update: 10/13/00

Is Updated: False

PBS Number: Not reported

Tank Number: Not reported

Tank Size: 0

Test Method: Not reported

Leak Rate Failed Tank: 0.00

Gross Leak Rate: Not reported

Material Class Type: Petroleum

Quantity Spilled: 0

Unkonwn Quantity Spilled: False

Units: Gallons

Quantity Recovered: 0

Unkonwn Quantity Recovered: False

Material: GASOLINE

Class Type: GASOLINE

Times Material Entry In File: 21329

CAS Number: Not reported

Last Date: 19940929

DEC Remarks: / / : TYREE SAYS 3 4K REMAIN. MET WITH NEW OWNERS AND DISCUSSED WELL LOCATIONS. \*\*\*DATES FOR THESE NOT GIVEN. / / : WELL 1 IS DRY IN EARLY AUG. 08/10/84: TYREE CALLS DOT TO REPORT THAT TWO STEEL TANKS SIPHONED TOGETHER FAILED SYSTEM TEST ON 9 AUG. THE N TANK WAS UNCOVERED AND FOUND TO BE LEAKING; IT WAS EMPTIED 10 AUG. 08/13/84: BOOKKEEPER FOR BCB OIL STATED: STATION CLOSED MAR 84, OPEN FROM JAN 83- MAR 84, WAS CLOSED IN 82; BCB OWNS TANKS. 08/13/84: TWO 2K TANKS WERE PULLED; HOLES OBSERVED IN BOTH; PHOTO OF ONE TANK. NO INDICATION ON WHETHER SOIL WAS REMOVED. 3 4K TANKS NEXT TO THESE WERE LEFT. THEY HAD PASSED THE TEST). 08/21/84: DOT KOST) SENDS LETTER TO BCB REQUESTING SIX WELLS. 08/24/84: MPC INSTALLS ONE WELL FOR OWNER. APPROX 20 TO WATER DTW), WELL 25 DEEP WITH 10 OF SCREEN. GAS ODOR NOTICED. 08/30/84: .25 OF BLACK PRODUCT NOTICED IN WELL. 09/06/84: DOT CALLS TYREE REQUESTING MORE WELLS. TYREE SAYS OWNER DOES NOT HAVE THE MONEY; STATE WILL HAVE TO DO THE JOB. DOTLEFT MESSAGE FOR BUCELLATO. 10/15/84: ONE INCH OF PRODUCT. DTW 20 5 . 10/20/84: 1.5 OF PRODUCT IN WELL. 10/22/84: DOT PETEREC) SENDS LETTER REQUESTING MORE WELLS. 10/23/84: 1.75 BLACK PRODUCT. DOT LAID OUT SIX WELLS. DOT LEFT MESSAGE FOR BUCELLATO. 10/26/84: DOT LEFT MESSAGES FOR BUCELLATO ON 26 OCT, 30 OCT, AND 9 NOV. 11/06/84: THE WELL HAS 1 OF PRODUCT. 11/08/84: DOT SPEAKS TO TENANTS TO S CONCERNING ACCESS. DOT THEN CALLED FINKELSTEIN REALTY AND SPOKE TO MARK FINKELSTEIN, WHO SAID TO TALK TO RON FINKELSTEIN. 11/09/84: DOT SPOKE TO RON FINKELSTEIN, WHO REQUESTED A LETTER ASKING FOR ACCESS. 11/13/84: DOT KOST) SENDS LETTER TO FINKELSTEIN REQUESTING ACCESS, OUTLINING WORK TO BE DONE, AND AGREEING TO DO WORK ON SATURDAY TO MINIMIZEDISRUPTION TO TENANT. ENCLOSED ACCESS FORM. 11/16/84: ONE-QUARTER OF AN INCH OF PRODUCT. NO DTW GIVEN. 12/13/84: ONE-HALF OF AN INCH OF PRODUCT; NO DTW GIVEN. 12/14/84: BCB OIL S SECRETARY BARBARA) CALLED TO SAY PROPERTY HAS BEEN SOLD. BCB WILL GIVE DOT NAME OF NEW OWNERS. 12/14/84: DOT SPOKE TO FINKELSTEIN. HE THOUGHT WELLS WERE IN BUT OKAYS ACCESS. DOT NOTIFIED BCB OF INTENT TO DRILL ON 15 DEC. 12/15/84: MPC DRILL RIG BREAKS DOWN ENROUTE TO SITE. WELL HAS .5 DARK GAS; NO DTW GIVEN. SITE NOW CALLED ARROW . 12/17/84: DOT SPOKE TO BARBARA AT BCB; TOLD HER THEY ARE STILL RESPONSIBLE. 12/18/84: DOT SPOKE TO NEW OWNER, MR.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

METRO (Continued)

S105054247

CATTARE??). HE HAS NO OBJECTIONS TO WELLS, BUT WANTS WORK DONE ON WEEKEND WHEN HE IS CLOSED. 12/29/84: MPC INSTALLS SIX WELLS FOR DOT. 26' DEEP, INCLUDING 10' OF SCREEN. WELL ON N SIDE OF TANKS HAD ODOR; REST WERE CLEAN. PREVIOUS WELL HAD .75'; DTW 20'. 01/28/85: WELL 1 (ORIGINAL WELL) HAS 2', WELL 5 DUE S OF TANKS) HAS .25', REST ARE CLEAN. NO DTW. 01/29/85: DOT (PETEREC) SENDS LETTER TO BUCCELLATO REQUESTING BAILING OF WELLS. 02/11/85: DOT RECEIVES LETTER FROM BCB'S ATTORNEY STATING "...PROPERTY INCLUDING THE UNDERGROUND STORAGE TANKS WAS CONVEYED TO WILLIAM GEBERT INC 36 ASH LANE HICKSVILLE ON NOVEMBER 26 1984". 02/11/85: \*\*\*NOTE: GEBERT IS INDICATED IN DOT NOTES AS BEING AN OWNER ALONG WITH CATTARE. 03/22/85: WELL 1 HAS .75', WELL 6 DUE S; CALLED WELL 5 EARLIER) HAS .75'. NO DTW GIVEN. 03/25/85: DOT HIRES MPC TO MONITOR WELLS. 03/28/85: WELL 1 NOT SHOWN WHICH WELL THIS IS; PROBABLY THE ORIGINAL WELL) HAS 1/8" PRODUCT. WELLS 2-5 ARE CLEAN, 6, 7 NOT CHECKED. NO DTW. 04/10/85: MPC STARTS MONITORING? NO SKETCH FOUND TO INDICATE WHICH WELLS ARE WHICH. 1/8" IN WELL 1 AND 3/4" IN WELL 6. \*\*\*NOTE: THE FOLLOWING ENTRIES ON WELL DATA INDICATE DATE A TREND STARTED. 04/10/85: DTW: WELL 1 23.2 AND 1/8", WELL 2 22.4 AND 7/8", WELL 3 22.5 AND 7/8", WELL 4 22.5 AND 1/8", WELL 5 21.5 AND 3/8", WELL 6 22.4 AND 1/4", WELL 7 23.5 AND 1/2". 06/01/85: PRODUCT DISAPPEARS IN LATE MAY OR EARLY JUNE. 07/31/85: A TRACE SHOWS IN WELLS 1 AND 6 IN JULY. 08/28/85: DEC CHECKS WELLS. 6 AND 7 HAVE .75'; NO DTW. WELL 4 IS DRY. 09/25/85: A TRACE SHOWS IN WELLS 6 AND 7 DURING SEPT. DTW FOR WELL 6 IS 23.88" AND FOR WELL 7 IS 25.02". 10/23/85: WELLS 1, 4, 6, AND 7 ARE DRY. 01/29/86: WELLS 1, 4, 6, AND 7 ARE DRY. WELL 2 IS DRY OFF AND ON. 06/24/86: WELLS 1, 2, 4, 5, 6, AND 7 ARE DRY. 07/08/86: WELL 3 HAS 5', DTW 20.5". ALL OTHER WELLS ARE DRY: 1, 4, 6, AND 7 CONSISTENTLY, 2 OFF AND ON. WELL 3 HAS DECREASING AMOUNTS THROUGH SEPT 3. 09/05/86: ALL WELLS ARE DRY. 12/14/86: WELL 3 DTW IS 26.3". REST ARE DRY. 12/18/86: ALL WELLS ARE DRY. 12/22/86: WELL 3 DTW IS 26.3". 01/07/87: WELL 3 DTW IS 25.5" AND WELL 5 DTW IS 24.9". BOTH CLEAN. REST ARE DRY. 04/03/87: DTW: WELL 2 IS 25.1", WELL 3 IS 24.8.5", AND WELL 5 IS 24.1 AND 1/8". ALL CLEAN. REST ARE DRY. 07/31/87: ONLY WELLS 3 AND 5 HAVE WATER. 08/25/87: ONLY WELL 3 HAS WATER. 09/17/87: DEC NOTES CONSISTENTLY DRY READINGS DURING REVIEW OF FILE. 10/16/87: DEC (O'BRIEN) RECOMMENDS REDRILLING ALL 7 WELLS; WILL SEND LETTER TO MPC. 10/19/87: MPC DEEPENED WELLS 1, 3, 6, AND 7. GAS ODOR IN ALL. WELLS HAVE 20' OF SCREEN. 12/31/87: DURING NOV AND DEC, WELLS 1, 3, 6, AND 7 ARE CLEAN; THE REST ARE DRY. DTW: WELL 1 IS 28.1.5", WELL 2 IS 26.11", WELL 3 IS 27.2.5", AND WELL 7 IS 28.2.75". 01/01/88: FROM JAN TO OCT 7, WELLS 2, 4, AND 5 ARE DRY. REST ARE CLEAN. 07/07/88: DEC OKAYS SAMPLING WELLS 1, 3, 6, AND 7 FOR DISSOLVED PRODUCT. NY TEST TO ANALYZE. 07/12/88: SAMPLES TAKEN FOR DISSOLVED ANALYSIS. 08/03/88: DEC RECEIVES RESULTS: WELL 1 HAS 3000 PPB BTX, WELL 3 HAS 250 PPB BTX, WELL 6 HAS 4500 PPB BTX, AND WELL 7 HAS 375 PPB BTX. 10/19/88: ON OCT 10, 17, AND 19 WELL 6 HAS A TRACE OF PRODUCT. THE REST ARE CLEAN. WELLS 2, 4, 5 ARE DRY. 10/24/88: WELL 6 HAS 1' OF PRODUCT. DTW IS 27.11". THE REST ARE CLEAN. WELLS 2, 4, AND 5 ARE DRY. 11/03/88: WELL 6 HAS 1.75' OF PRODUCT. 11/18/88: ALL WELLS ARE CLEAN. WELLS 2, 4, AND 5 ARE DRY. 12/27/88: DEC (MIRZA) SENDS LETTER TO FINKELSTEIN, INFORMING HIM WE WILL BE PUTTING IN MORE WELLS. 01/06/89: DEC RECEIVES REPLY FROM FINKELSTEIN'S LAWYER. THEY HAVE NO OBJECTION TO THE WORK PLANNED, BUT GIVE A LIST OF 6 CONDITIONS. MOST ARE ITEMS THEY WOULD BE INFORMED OF ANYWAY. 02/15/89: MIKE GRECO (DEC REGION 1 ASST ATTORNEY) SENDS REPLY. 03/08/89: GRECO SENDS MODIFIED ACCESS FORM. 04/18/89: LEGAL RECEIVES ATTORNEY'S REPLY ON 18 APR? BASICALLY REPEATS THEIR EARLIER LETTER AND THE LANGUAGE ADDED TO THE ACCESS FORM. 05/26/89: ALL 7 WELLS ARE CLEAN FROM 26 MAY TO 29 AUG. 07/25/89: DEC MARK OUT WELLS ON 25 JULY?. 07/26/89: CURRENT OWNER OF BUSINESS ONLY?); DEWAN DWHAJ DECOPEN ENTERPRISES 9702 FOSTER AVE BROOKLYN 11236 718) 485-2277 DBA CITGO. CITGO'S ADDRESS: 311 NORMAN AVE BROOKLYN 718) 389-9419. 07/26/89: MPC INSTALLS 3 WELLS, EACH 40' DEEP WITH 20' OF SCREEN. DTW IS 28 FT. ODOR NOTICED ONLY IN W WELL. SOIL IS SAND AND GRAVEL. 08/10/89: MPC INSTALLS 2 WELLS, TO SW W. EACH IS 40 FT TOTAL DEPTH, WITH 30 FT OF SCREEN. NO ODOR. SOIL IS SAND AND GRAVEL. 08/16/89: DEC SENDS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**METRO (Continued)**

**S105054247**

ACCESS LETTER TO BAKERY ACROSS STREET TO W. 08/24/89: DEC RECEIVES ACCESSSS FORM. 08/30/89: MPC INSTALLS 3 WELLS. 09/12/89: DEC REQUESTS: REDUCE MONITORING TO ONCE PER MONTH,SITE MAP WITH GW CONTOURS, DISSOLVED PRODUCT TESTING. SAMPLES TO GO TO NYTEST. LETTER SENT 22 SEPT. 10/16/89: LAB RESULTS: WELL 4 HAS 477PPM GAS TEST WAS DOH 310-13), WELL 7 HAS 273PPM GAS , AND WELL 8 HAS 16PPM GAS . XYLENE IN ALL WELLS, BENZENEAND TOLUENE SCATTERED. 10/19/89: DEC SENDS LETTER TO BUCCELLATO INFORMING THAT FLOATING/DISSOLVED RECOVERY WILL BE INSTALLED AND WARNING HIM OF POSSIBLE CONSEQUENCES. RETURNED. 12/11/89: RECEIVE GROUNDWATER/BTX MAP.

Spill Cause: CONTACT GENE BUCCELLATO. TWO 2K TANKS FAILED PETRO-TITE TEST AS SYSTEM.

**G34  
WNW  
1/4-1/2  
1981 ft.**

**WHITE ROSE  
150 PRICE PARKWAY  
FARMINGDALE, NY**

**LTANKS S103566063  
NY Spills N/A  
NY Hist Spills**

**Site 1 of 3 in cluster G**

**Relative:  
Lower**

**Actual:  
71 ft.**

**LTANKS:**

Site ID: 372900  
Spill Date: 11/01/06  
Facility Addr2: Not reported  
Facility ID: 0608855  
Program Number: 0608855  
SWIS: 5220  
Region of Spill: 1  
Investigator: Unassigned  
Referred To: Not reported  
Reported to Dept: 11/01/06  
CID: 02  
Spill Cause: Tank Overfill  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Responsible Party  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Remediation Phase: 1  
Date Entered In Computer: 11/01/06  
Spill Record Last Update: 11/02/06  
Spille Namer: Not reported  
Spiller Company: PC RICHARDS & SONS  
Spiller Phone: Not reported  
Spiller Extention: CELL  
Spiller Address: 150 PRICE PARKWAY  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: ED WALDRON  
Spiller Phone: (631) 300-5285  
Spiller Extention: CELL  
DEC Region: 1  
Program Number: 0608855  
DER Facility ID: 300940  
Site ID: 372900



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103566063

Operable Unit ID: 1130633  
Operable Unit: 01  
Material ID: 2120303  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 0608855 11/1/06 14:50 TELECON TO MR WALDRON, SPILL HAPPENED AT PC RICHARD HQ, FARMINGDALE, WHILE FUELING THE DELIVERY TRUCK, DRIVERS NEGLIGENCE, SURFACE AFFECTED, NO DRAINS, HAS BEEN CLEANED UP WITH SPEEDI DRI  
END DECRemark - 0608855  
Remarks: Start CallerRemark - 0608855 WHILE FUELING A TRUCK IT OVERFILLED AND IN PROCESS OF CLEANING UP END CallerRemark - 0608855

NY Spills:  
Site ID: 145873  
Facility Addr2: Not reported  
Facility ID: 9209685  
Spill Number: 9209685  
Facility Type: ER  
SWIS: 5200  
Region of Spill: 1  
Investigator: KJGOMEZ  
Referred To: Not reported  
Spill Date: 11/19/92  
Reported to Dept: 11/19/92  
CID: 02  
Spill Cause: Other  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Health Department  
Cleanup Ceased: 12/02/93  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/02/93  
Remediation Phase: 0  
Date Entered In Computer: 11/20/92  
Spill Record Last Update: 03/08/95

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103566063

Spiller Name: Not reported  
Spiller Company: WHITE ROSE  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Spiller Phone: Not reported  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 9209685  
DER Facility ID: 284504  
Site ID: 145873  
Operable Unit ID: 973508  
Operable Unit: 01  
Material ID: 406731  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
DEC Remarks: Start DECRemark - 9209685 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "GOMEZ" END DECRemark - 9209685  
Remarks: Start CallerRemark - 9209685 SCDH ENCOUNTERED CONTAMINATION TO GW, REQUEST DEC  
RESPONSE,TYREE CONTRACTOR, TANKS ON SITE END CallerRemark - 9209685  
  
Site ID: 353595  
Facility Addr2: Not reported  
Facility ID: 0508074  
Spill Number: 0508074  
Facility Type: ER  
SWIS: 5220  
Region of Spill: 1  
Investigator: WJGABIN  
Referred To: Not reported  
Spill Date: 10/06/05  
Reported to Dept: 10/06/05  
CID: 02  
Spill Cause: Equipment Failure  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Other  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
Spill Closed Dt: / /  
Remediation Phase: 1  
Date Entered In Computer: 10/06/05  
Spill Record Last Update: 10/07/05  
Spiller Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103566063

Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Spiller Phone: ( ) -  
Contact Name: ED WALDRON  
Contact Phone: (631) 300-5285  
DEC Region: 1  
Program Number: 0508074  
DER Facility ID: 300940  
Site ID: 353595  
Operable Unit ID: 1111052  
Operable Unit: 01  
Material ID: 2101094  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 0508074 SAME AS 05-51094 10/5 CALLED ED WALDRON TYREE, UNK TRUCK HAD LEAKING SADDLE FUEL TANK, MAKING DELIVERY, 2 DIFFERENT PLACES ON PRICE PARKWAY AS WELL AS PC RICHARDS PARKING LOT. SOME PRODUCT APPROACHING STORM DRAIN, FD NOTIFIED (FARMINGDALE),CAN'T STOP LEAK 10:40 WILLIE GABIN ON SITE, CLEANUP IN PROGRESS 11:10 WILLIE GABIN LEFT SCENE END DECRemark - 0508074  
Remarks: Start CallerRemark - 0508074 HOLE IN TANK AND LEAKING: IS CONTAINED: CLEANING UP END CallerRemark - 0508074

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

NY Hist Spills:  
Region of Spill: 1  
Spill Number: 9209685  
Investigator: GOMEZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 11/19/1992 13:00  
Reported to Dept Date/Time: 11/19/92 13:20  
SWIS: 47  
Spiller Name: WHITE ROSE  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Other  
Reported to Dept: Groundwater  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Health Department

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**WHITE ROSE (Continued)**

**S103566063**

PBS Number: Not reported  
Cleanup Ceased: 12/02/93  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/02/93  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 11/20/92  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 03/08/95  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: Not reported  
Remark: SCDH ENCOUNTERED CONTAMINATION TO GW, REQUEST DEC RESPONSE, TYREE CONTRACTOR,  
TANKS ON SITE  
  
Region of Spill: 1  
Spill Number: 9305893  
Investigator: GOMEZ WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 08/12/1993 15:00  
Reported to Dept Date/Time: 08/12/93 15:25  
SWIS: 47  
Spiller Name: WHITE ROSE  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City, St, Zip: Not reported  
Spill Cause: Other

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103566063

Reported to Dept: Groundwater  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Health Department  
PBS Number: Not reported  
Cleanup Ceased: 03/10/95  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 03/10/95  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 08/17/93  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 07/03/97  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Remark: TYREE REMOVED 1-20K FOUND CONTAMINATION, SCHD ON SITE SUPERVISED REMOVAL  
SOIL REMOVAL,TYREE WILL CONTINUE TO REMOVE THE 2ND 20K TANK 8/13/93

G35  
WNW  
1/4-1/2  
1981 ft.

WHITE ROSE DISTRIBUTION  
150 PRICE PARKWAY  
EAST FARMINGDALE, NY

LTANKS  
HIST LTANKS  
S100150449  
N/A

Site 2 of 3 in cluster G

Relative:  
Lower

LTANKS:  
Site ID: 145872  
Spill Date: 01/13/90  
Facility Addr2: Not reported  
Facility ID: 8909858  
Program Number: 8909858  
SWIS: 5200  
Region of Spill: 1  
Investigator: LUCE

Actual:  
71 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE DISTRIBUTION (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100150449

Referred To: Not reported  
Reported to Dept: 01/14/90  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: 05/21/91  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: True  
Spill Class: Not reported  
Spill Closed Dt: 05/21/91  
Remediation Phase: 0  
Date Entered In Computer: 01/17/90  
Spill Record Last Update: 07/01/97  
Spille Namer: Not reported  
Spiller Company: WHITE ROSE DISTRIBUTION  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8909858  
DER Facility ID: 124256  
Site ID: 145872  
Operable Unit ID: 934797  
Operable Unit: 01  
Material ID: 443005  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 145872  
Spill Tank Test: 11244  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 8909858 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "LUCE WELL" 01/23/90: 10K DIESEL TANK WAS REMOVED BY GERAUGHTY  
AND MILLER INC. PRODUCT WAS SEEN ON THE G/W SURFACE. END DECRemark - 8909858  
Remarks: Start CallerRemark - 8909858 10K FAILED AT -.267 GPH. F&N TESTER. TO UNCOVER

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**WHITE ROSE DISTRIBUTION (Continued)**

**S100150449**

AND RETEST END CallerRemark - 8909858

HIST LTANKS:

Region of Spill: 1  
Spill Number: 8909858  
Investigator: LUCE WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 01/13/1990  
Spill Time: 14:45  
Reported to Department Date: 01/14/90  
Reported to Department Time: 10:46  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: WHITE ROSE DISTRIBUTION  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: 05/21/91  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Spill Class: Not reported  
Spill Closed Dt: 05/21/91  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/17/90  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/01/97  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE DISTRIBUTION (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100150449

Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: 01/23/90: 10K DIESEL TANK WAS REMOVED BY GERAUGHTY AND MILLER INC. PRODUCT WAS  
SEEN ON THE G/W SURFACE.  
Spill Cause: 10K FAILED AT -.267 GPH. F N TESTER. TO UNCOVER AND RETEST

G36  
WNW  
1/4-1/2  
1981 ft.

WHITE ROSE FOODS  
150 PRICE PARKWAY  
EAST FARMINGDALE, NY

LTANKS S100148851  
HIST LTANKS N/A

Site 3 of 3 in cluster G

Relative:  
Lower

LTANKS:

Actual:  
71 ft.

Site ID: 145870  
Spill Date: 05/27/87  
Facility Addr2: Not reported  
Facility ID: 8701606  
Program Number: 8701606  
SWIS: 5220  
Region of Spill: 1  
Investigator: CXONEILL  
Referred To: Not reported  
Reported to Dept: 05/27/87  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: 09/22/87  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 09/22/87  
Remediation Phase: 0  
Date Entered In Computer: 06/01/87  
Spill Record Last Update: 08/04/05  
Spille Namer: Not reported  
Spiller Company: WHITE ROSE FOODS  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: 150 PRICE PARKWAY  
Spiller City,St,Zip: EAST FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8701606



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE FOODS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100148851

DER Facility ID: 296986  
Site ID: 145870  
Operable Unit ID: 906076  
Operable Unit: 01  
Material ID: 471530  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 145870  
Spill Tank Test: 5435  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Start DECRemark - 8701606 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "O'NEILL FD" / / : 9/21/87 PER ERNST-PASSED RETEST  
AFTER REPIPELING WAS REPAIRED. DEC NOT PRESENT DURING RETEST. FILE HAS  
BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR  
RETENTION/DISPOSAL PROCEDURES END DECRemark - 8701606  
Remarks: Start CallerRemark - 8701606 FAILED AT -.342 3K END CallerRemark - 8701606

HIST LTANKS:

Region of Spill: 1  
Spill Number: 8701606  
Investigator: O'NEILL FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 05/27/1987  
Spill Time: 16:00  
Reported to Department Date: 05/27/87  
Reported to Department Time: 16:23  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: WHITE ROSE FOODS  
Spiller Address: 150 PRICE PARKWAY  
Spiller City,St,Zip: EAST FARMINGDALE, NY  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WHITE ROSE FOODS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100148851

Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Cleanup Ceased: 09/22/87  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 09/22/87  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 06/01/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 08/26/98  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : 9/21/87 PER ERNST-PASSED RETEST AFTER REPIPELING WAS REPAIRED. DEC NOT PRESENT DURING RETEST.  
Spill Cause: FAILED AT -.342 3K

37  
NW  
1/4-1/2  
2039 ft.

HUFCO  
57 ALEXANDER AVENUE  
FARMINGDALE, NY

LTANKS  
HIST LTANKS

S102668739  
N/A

Relative:  
Higher

LTANKS:  
Site ID: 298176  
Spill Date: 01/03/90  
Facility Addr2: Not reported  
Facility ID: 8909565  
Program Number: 8909565  
SWIS: 3000  
Region of Spill: 1  
Investigator: UNASSIGNED  
Referred To: Not reported

Actual:  
87 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HUFCO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102668739

Reported to Dept: 01/03/90  
CID: 02  
Spill Cause: Tank Overfill  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Notifier: Responsible Party  
Cleanup Ceased: 01/05/90  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 01/05/90  
Remediation Phase: 0  
Date Entered In Computer: 01/04/90  
Spill Record Last Update: 01/21/00  
Spille Namer: Not reported  
Spiller Company: HUFCO  
Spiller Phone: (516) 423-3060  
Spiller Extention: Not reported  
Spiller Address: 155 WEST SHORE ROAD  
Spiller City,St,Zip: HUNTINGTON, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8909565  
DER Facility ID: 241238  
Site ID: 298176  
Operable Unit ID: 936721  
Operable Unit: 01  
Material ID: 442726  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 8909565 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "NONE" 01/05/90: NO RESPONSE NECESSARY. END DECRemark - 8909565  
Remarks: Start CallerRemark - 8909565 APPLIED SPEEDY DRY, SERVICEMAN PICKED UP & APPLIED  
ADDITIONAL SPEEDY DRY END CallerRemark - 8909565

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**HUFCO (Continued)**

**S102668739**

HIST LTANKS:  
Region of Spill: 1  
Spill Number: 8909565  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 01/03/1990  
Spill Time: 12:00  
Reported to Department Date: 01/03/90  
Reported to Department Time: 12:53  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: HUFCO  
Spiller Address: 155 WEST SHORE ROAD  
Spiller City,St,Zip: HUNTINGTON, NY  
Facility Contact: Not reported  
Facility Phone: (516) 423-3060  
Facility Extention: Not reported  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: 01/05/90  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 01/05/90  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/04/90  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/21/00  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 1  
Unkonwn Quantity Spilled: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

HUFCO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102668739

Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 01/05/90: NO RESPONSE NECESSARY.  
Spill Cause: APPLIED SPEEDY DRY, SERVICEMAN PICKED UP APPLIED ADDITIONAL SPEEDY DRY

38  
WNW  
1/4-1/2  
2106 ft.  
  
Relative:  
Lower  
  
Actual:  
71 ft.

AMERICAN TISSUE CORP  
185 PRICE PARKWAY  
FARMINGDALE, NY

LTANKS  
HIST LTANKS  
S102232609  
N/A

LTANKS:  
Site ID: 146414  
Spill Date: 04/25/96  
Facility Addr2: Not reported  
Facility ID: 9601305  
Program Number: 9601305  
SWIS: 5200  
Region of Spill: 1  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 04/25/96  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 07/10/96  
Remediation Phase: 0  
Date Entered In Computer: 04/25/96  
Spill Record Last Update: 07/11/96  
Spille Namer: Not reported  
Spiller Company: MARLYN ASSOC  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: 30 JERICHO  
Spiller City,St,Zip: JERICHO, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9601305  
DER Facility ID: 124685  
Site ID: 146414  
Operable Unit ID: 1032877

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN TISSUE CORP (Continued)**

**S102232609**

Operable Unit: 01  
Material ID: 351116  
Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: 146414  
Spill Tank Test: 19071  
Tank Number: 1-0869  
Tank Size: 10000  
Test Method: 03  
Leak Rate: 0.15  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Horner EZ Check I or II  
DEC Remarks: Not reported  
Remarks: Start CallerRemark - 9601305 tank was owner by unk peoples buyer hired tank tester unk how much has spilled END CallerRemark - 9601305

**HIST LTANKS:**

Region of Spill: 1  
Spill Number: 9601305  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 04/25/1996  
Spill Time: 14:30  
Reported to Department Date: 04/25/96  
Reported to Department Time: 15:23  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: MARLYN ASSOC  
Spiller Address: 30 JERICO  
Spiller City,St,Zip: JERICO  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester  
PBS Number: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AMERICAN TISSUE CORP (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102232609

Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 07/10/96  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/25/96  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/11/96  
Is Updated: False  
PBS Number: Not reported  
Tank Number: 1-0869  
Tank Size: 10000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.15  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: TANK ALONE PASSED 5/7/96, SYSTEM REPIPED AND PASSED RETEST 6/27/96.NO  
CONTAMINATION FOUND. NO FURTHER ACTION NEEDED AT THIS TIME  
Spill Cause: tank was owner by unk peoples buyer hired tank tester unk how much has spilled

39  
WSW  
1/4-1/2  
2199 ft.

GETTY PETROLEUM CORP  
CONKLIN ST / CEDAR LANE  
FARMINGDALE, NY

LTANKS S100150242  
HIST LTANKS N/A

Relative:  
Equal

LTANKS:

Actual:  
72 ft.

Site ID: 172032  
Spill Date: 04/21/89  
Facility Addr2: Not reported  
Facility ID: 8900708  
Program Number: 8900708  
SWIS: 5200  
Region of Spill: 1  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 04/21/89  
CID: Not reported  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Gasoline Station

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

GETTY PETROLEUM CORP (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100150242

Spill Notifier: DEC  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: True  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/28/95  
Remediation Phase: 0  
Date Entered In Computer: 04/26/89  
Spill Record Last Update: 07/01/97  
Spille Namer: Not reported  
Spiller Company: GETTY PETROLEUM CORP  
Spiller Phone: (718) 729-6500  
Spiller Extention: Not reported  
Spiller Address: 30-23 GREENPOINT AVENUE  
Spiller City,St,Zip: LONG ISLAND CITY, NY 11101  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 8900708  
DER Facility ID: 144787  
Site ID: 172032  
Operable Unit ID: 927273  
Operable Unit: 01  
Material ID: 452036  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 8900708 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "DEROSA WELL" END DECRemark - 8900708  
Remarks: Start CallerRemark - 8900708 3K TANK. APPROX 120 CU YARDS STOCKPILED.SITE WELLS  
GOING IN END CallerRemark - 8900708  
HIST LTANKS:  
Region of Spill: 1  
Spill Number: 8900708  
Investigator: DEROSA WELL



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**GETTY PETROLEUM CORP (Continued)**

**S100150242**

Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 04/21/1989  
Spill Time: 14:00  
Reported to Department Date: 04/21/89  
Reported to Department Time: 14:00  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: GETTY PETROLEUM CORP  
Spiller Address: 30-23 GREENPOINT AVENUE  
Spiller City,St,Zip: LONG ISLAND CITY, NY 11101  
Facility Contact: Not reported  
Facility Phone: (718) 729-6500  
Facility Extension: Not reported  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Gas Station  
Spill Notifier: DEC  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/28/95  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/26/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/01/97  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

GETTY PETROLEUM CORP (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100150242

Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Spill Cause: 3K TANK. APPROX 120 CU YARDS STOCKPILED.SITE WELLS GOING IN

40  
North  
1/4-1/2  
2380 ft.

CURTIS WRIGHT FLOW CONTRL  
1966 EAST BROADHOLLOW RD  
EAST FARMINGDALE, NY

LTANKS S105999063  
N/A

Relative:  
Higher

LTANKS:

Actual:  
77 ft.

Site ID: 163268  
Spill Date: 05/23/03  
Facility Addr2: Not reported  
Facility ID: 0301932  
Program Number: 0301932  
SWIS: 5200  
Region of Spill: 1  
Investigator: UNASSIGNED  
Referred To: Not reported  
Reported to Dept: 05/23/03  
CID: 02  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Responsible Party  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 02/06/04  
Remediation Phase: 0  
Date Entered In Computer: 05/23/03  
Spill Record Last Update: 02/09/04  
Spille Namer: Not reported  
Spiller Company: TARGET ROCK  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ -  
Spiller County: 001  
Spiller Contact: CALLER  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 0301932  
DER Facility ID: 137711  
Site ID: 163268  
Operable Unit ID: 869925  
Operable Unit: 01  
Material ID: 506417  
Material Code: 0064A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CURTIS WRIGHT FLOW CONTRL (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S105999063**

Material Name: UNKNOWN MATERIAL  
Case No.: Not reported  
Material FA: Other  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Not reported  
Remarks: Start CallerRemark - 0301932 caller dug up old abandoned tank. END  
CallerRemark - 0301932

**41**  
**WSW**  
**1/4-1/2**  
**2418 ft.**

**HMS GASOLINE INC**  
**880 CONKLIN ST**  
**FARMINGDALE, NY**

**LTANKS**  
**HIST LTANKS**

**S100492285**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**73 ft.**

LTANKS:  
Site ID: 122412  
Spill Date: 01/05/93  
Facility Addr2: Not reported  
Facility ID: 9211448  
Program Number: 9211448  
SWIS: 5200  
Region of Spill: 1  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 01/05/93  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Tank Tester  
Cleanup Ceased: 11/23/93  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: True  
Spill Class: No spill occurred. (Not Possible)  
Spill Closed Dt: 11/23/93  
Remediation Phase: 0  
Date Entered In Computer: 01/07/93  
Spill Record Last Update: 11/24/93  
Spille Namer: Not reported  
Spiller Company: HMS GASOLINE INC  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**HMS GASOLINE INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S100492285**

Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9211448  
DER Facility ID: 106130  
Site ID: 122412  
Operable Unit ID: 978413  
Operable Unit: 01  
Material ID: 404851  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Groundwater  
Oxygenate: False  
Site ID: 122412  
Spill Tank Test: 15594  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0.00  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Unknown  
DEC Remarks: Not reported  
Remarks: Start CallerRemark - 9211448 6K FAILED -.0143, AMER ENVIR TESTER, HORNER EZ  
CHECK II END CallerRemark - 9211448

**HIST LTANKS:**

Region of Spill: 1  
Spill Number: 9211448  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 01/05/1993  
Spill Time: 17:42  
Reported to Department Date: 01/05/93  
Reported to Department Time: 19:00  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: HMS GASOLINE INC  
Spiller Address: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**HMS GASOLINE INC (Continued)**

**S100492285**

Spiller City,St,Zip:	Not reported
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extension:	Not reported
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Cleanup Ceased:	11/23/93
Cleanup Meets Standard:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	/ /
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Spill Class:	No spill occurred. (Not Possible)
Spill Closed Dt:	11/23/93
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/07/93
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	11/24/93
Is Updated:	False
PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported
Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	GASOLINE
Class Type:	GASOLINE
Times Material Entry In File:	21329
CAS Number:	Not reported
Last Date:	19940929
DEC Remarks:	11/23/93: FAILURE DUE TO INTERNAL LEAK OF PRODUCT INTO STAGE II PIPING AT THE PUMPS. REPAIRED SYSTEM PASSED RETEST 1/7/93.NO EVIDENCE OF GROUND CONT,NO FURTHER ACTION.
Spill Cause:	6K FAILED -.0143, AMER ENVIR TESTER, HORNER EZ CHECK II

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**42**  
**NNE**  
**1/4-1/2**  
**2586 ft.**

**RALPH SHROEDER**  
**69 GAZZA BLVD**  
**FARMINGDALE, NY**

**LTANKS**  
**HIST LTANKS**

**S100490811**  
**N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**85 ft.**

Site ID: 146653  
Spill Date: 03/23/92  
Facility Addr2: Not reported  
Facility ID: 9112988  
Program Number: 9112988  
SWIS: 5200  
Region of Spill: 1  
Investigator: KAKISPER  
Referred To: Not reported  
Reported to Dept: 03/23/92  
CID: 02  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Citizen  
Cleanup Ceased: 08/21/95  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 08/21/95  
Remediation Phase: 0  
Date Entered In Computer: 03/25/92  
Spill Record Last Update: 08/23/95  
Spille Namer: Not reported  
Spiller Company: RALPH SHROEDER  
Spiller Phone: (516) 694-0233  
Spiller Extention: Not reported  
Spiller Address: OIL PUMP REPAIR SHOP  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9112988  
DER Facility ID: 124872  
Site ID: 146653  
Operable Unit ID: 966591  
Operable Unit: 01  
Material ID: 414530  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Sewer  
Oxygenate: False  
Site ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**RALPH SHROEDER (Continued)**

**S100490811**

Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 9112988 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "KISPERT DRO" END DECRemark - 9112988  
Remarks: Start CallerRemark - 9112988 2-275 GAL & 1-1500 GAL TANKS U/G POSS LEAKING, THE  
BUSINESS REPAIRS OIL PUMPS & ANY WASTE FLUIDS ARE DUMPED IN TANKS,CALLER SAID  
TANKS HAVE NOW BEEN CEMENTED OVER.NEARBY DRAIN END CallerRemark - 9112988

**HIST LTANKS:**

Region of Spill: 1  
Spill Number: 9112988  
Investigator: KISPERT DRO  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 03/23/1992  
Spill Time: 12:00  
Reported to Department Date: 03/23/92  
Reported to Department Time: 15:00  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: RALPH SHROEDER  
Spiller Address: OIL PUMP REPAIR SHOP  
Spiller City,St,Zip: Not reported  
Facility Contact: Not reported  
Facility Phone: (516) 694-0233  
Facility Extension: Not reported  
Spill Cause: Tank Failure  
Resource Affectd: In Sewer  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Notifier: Citizen  
PBS Number: Not reported  
Cleanup Ceased: 08/21/95  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RALPH SHROEDER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S100490811**

Spill Closed Dt: 08/21/95  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/25/92  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 08/23/95  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WASTE OIL  
Class Type: WASTE OIL  
Times Material Entry In File: 9509  
CAS Number: Not reported  
Last Date: 19940927  
DEC Remarks: Not reported  
Spill Cause: 2-275 GAL 1-1500 GAL TANKS U/G POSS LEAKING, THE BUSINESS REPAIRS OIL PUMPS ANY  
WASTE FLUIDS ARE DUMPED IN TANKS,CALLER SAID TANKS HAVE NOW BEEN CEMENTED  
OVER.NEARBY DRAIN

**43**  
**NE**  
**1/4-1/2**  
**2609 ft.**

**BIOSYSTEMS INC**  
**210 SHERWOOD AVE**  
**FARMINGDALE, NY 11735**

**SWF/LF** **U003535179**  
**UST** **N/A**  
**AST**

**Relative:**  
**Higher**

**Actual:**  
**86 ft.**

SWF/LF:  
Flag: ACTIVE  
Secondary Addr: Not reported  
Region Code: 1  
Phone Number: 6317569433  
Owner Name: Stericycle; Inc.  
Owner Type: Private  
Owner Address: 210 Sherwood Avenue  
Owner Addr2: Not reported  
Owner City,St,Zip: Farmingdale, NY 11735  
Owner Email: Not reported  
Owner Phone: 6317569433  
Contact Name: Paul Hartman  
Contact Address: 369 Park East Drive  
Contact Addr2: Not reported  
Contact City,St,Zip: Woonsocket, RI 2895  
Contact Email: Not reported  
Contact Phone: 4017695900  
Activity Desc: Regulated medical waste - storage; treatment; disposal  
Activity Number: 52H02  
Active: Yes  
East Coordinate: 633564  
North Coordinate: 4511558  
Accuracy Code: 4.2 - Utilization of GIS and existing spatial data



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIOSYSTEMS INC (Continued)**

**U003535179**

Regulatory Status: Permit  
Waste Type: Not reported  
Authorization #: 1-4720-00585/00001  
Authorization Date: 11/10/1995  
Expiration Date: 11/9/2000

UST:

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 10  
Location: UNDER, IN  
Installed: 91  
Capacity: 0000000060  
Content: RINSE  
Construction: CONCRETE  
Dispenser: Not reported  
Fill Type: GRAVITY  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 070391  
Tank Key: 5701  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100 035.00 001 008.000

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 11  
Location: UNDER, IN  
Installed: 91  
Capacity: 0000000135  
Content: RINSE  
Construction: CONCRETE  
Dispenser: Not reported  
Fill Type: GRAVITY  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 070391  
Tank Key: 5702  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100 035.00 001 008.000

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 12

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIOSYSTEMS INC (Continued)**

**U003535179**

Location: UNDER, IN  
Installed: 91  
Capacity: 0000000060  
Content: RINSE  
Construction: CONCRETE  
Dispenser: Not reported  
Fill Type: GRAVITY  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 070391  
Tank Key: 5703  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100 035.00 001 008.000

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 13  
Location: UNDER, OUT  
Installed: 91  
Capacity: 0000000060  
Content: RINSE  
Construction: CONCRETE  
Dispenser: Not reported  
Fill Type: GRAVITY  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 070391  
Tank Key: 5704  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100 035.00 001 008.000

**AST:**

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 4  
Location: ABOVE, IN  
Installed: 89  
Capacity: 0000000516  
Content: RINSE WATER  
Construction: Not reported  
Dispenser: GRAVITY  
Fill Type: OTHER  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 072689  
Tank Key: 5695  
Facility Reference #: 06266

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BIOSYSTEMS INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003535179**

Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 5  
Location: ABOVE, IN  
Installed: 89  
Capacity: 0000000255  
Content: RINSE W/ GERMICIDE  
Construction: Not reported  
Dispenser: GRAVITY  
Fill Type: OTHER  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 072689  
Tank Key: 5696  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 6  
Location: ABOVE, IN  
Installed: 89  
Capacity: 0000001650  
Content: Not reported  
Construction: Not reported  
Dispenser: OTHER  
Fill Type: OTHER  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 072689  
Tank Key: 5697  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100

Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 7  
Location: ABOVE, IN  
Installed: 89  
Capacity: 0000000080

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BIOSYSTEMS INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003535179**

Content: BULK STORAGE  
Construction: Not reported  
Dispenser: OTHER  
Fill Type: GRAVITY  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 072689  
Tank Key: 5698  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100  
  
Facility ID: 2347  
Region: SUFFOLK  
Owner Name: BIOSYSTEMS INC.  
Owner Address: 210 SHERWOOD AVE  
Owner City,St,Zip: FARMINGDALE, NY 11735  
Tank ID: 8  
Location: ABOVE, IN  
Installed: 91  
Capacity: 0000001000  
Content: CHLORINE  
Construction: FRP / FRP  
Dispenser: GRAVITY  
Fill Type: PUMPED  
Date Removed: 021494  
Official Use: Removed Tank. 94  
Permit to Operate: 070391  
Tank Key: 5699  
Facility Reference #: 06266  
Tank Count: 19  
Township: BABYLON  
Tax Map No: 0100

[Click this hyperlink](#) while viewing on your computer to access  
10 additional NY\_AST\_SUFFOLK: record(s) in the EDR Site Report.

**44**  
**East**  
**1/4-1/2**  
**2621 ft.**

**CASCADE LINEN SUPPLY**  
**NEW HWY / CONKLIN AVE**  
**FARMINGDALE, NY**

**LTANKS** **S105054298**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:  
Site ID: 269400  
Spill Date: 12/31/91  
Facility Addr2: Not reported  
Facility ID: 9110271  
Program Number: 9110271  
SWIS: 5200  
Region of Spill: 1  
Investigator: KAKISPER  
Referred To: Not reported  
Reported to Dept: 12/31/91  
CID: Not reported  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Source: Commercial Vehicle

**Actual:**  
**80 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CASCADE LINEN SUPPLY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S105054298**

Spill Notifier: Police Department  
Cleanup Ceased: 01/02/92  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 01/02/92  
Remediation Phase: 0  
Date Entered In Computer: 12/31/91  
Spill Record Last Update: 01/03/92  
Spille Namer: Not reported  
Spiller Company: CASCADE LINEN SUPPLY  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Address: 835 MYRTLE AVENUE  
Spiller City,St,Zip: BROOKLYN, NY 11206  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 9110271  
DER Facility ID: 219411  
Site ID: 269400  
Operable Unit ID: 960287  
Operable Unit: 01  
Material ID: 418820  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 15.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported  
DEC Remarks: Start DECRemark - 9110271 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "KISP/PERT/RICE" 01/02/92: CHECK SITE, SPILL CONTAINED TO PAVEMENT,  
NO FURTHER ACTION REQUIRED. END DECRemark - 9110271  
Remarks: Start CallerRemark - 9110271 PUNCTURED GAS TANK BY SPRING OF TRUCK, SPILL ON  
PAVEMENT, FIRE PREVENTION TO PUMP TANK OUT SORBANTS APPLIED BY FD END  
CallerRemark - 9110271  
  
HIST LTANKS:  
Region of Spill: 1  
Spill Number: 9110271

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CASCADE LINEN SUPPLY (Continued)**

**S105054298**

Investigator: KISPERT/RICE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Spill Date: 12/31/1991  
Spill Time: 08:40  
Reported to Department Date: 12/31/91  
Reported to Department Time: 09:24  
SWIS: 47  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: CASCADE LINEN SUPPLY  
Spiller Address: 835 MYRTLE AVENUE  
Spiller City,St,Zip: BROOKLYN, NY 11206  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
Spill Notifier: Police Department  
PBS Number: Not reported  
Cleanup Ceased: 01/02/92  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Date: / /  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Spill Closed Dt: 01/02/92  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/31/91  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/03/92  
Is Updated: False  
PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported  
Material Class Type: Petroleum  
Quantity Spilled: 15  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CASCADE LINEN SUPPLY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105054298

Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: 01/02/92: CHECK SITE, SPILL CONTAINED TO PAVEMENT, NO FURTHER ACTION REQUIRED.  
Spill Cause: PUNCTURED GAS TANK BY SPRING OF TRUCK, SPILL ON PAVEMENT, FIRE PREVENTION TO PUMP TANK OUT SORBANTS APPLIED BY FD

45  
ENE  
1/4-1/2  
2637 ft.

MEN INDUSTRIAL  
1885 NEW HIGHWAY  
FARMINGDALE, NY

LTANKS S105997320  
N/A

Relative:  
Higher

Actual:  
83 ft.

LTANKS:  
Site ID: 234895  
Spill Date: 11/15/02  
Facility Addr2: Not reported  
Facility ID: 0208487  
Program Number: 0208487  
SWIS: 5200  
Region of Spill: 1  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 11/15/02  
CID: 02  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Tank Tester  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 06/22/04  
Remediation Phase: 0  
Date Entered In Computer: 11/15/02  
Spill Record Last Update: 07/30/04  
Spille Namer: AMERICO FERRANTE  
Spiller Company: MEN INDUSTRIAL  
Spiller Phone: (631) 454-8876  
Spiller Extention: Not reported  
Spiller Address: 43 ALLEN BLVD  
Spiller City,St,Zip: FARMINGDALE, NY  
Spiller County: 001  
Spiller Contact: MARIA  
Spiller Phone: (631) 454-8876  
Spiller Extention: Not reported  
DEC Region: 1  
Program Number: 0208487  
DER Facility ID: 193478  
Site ID: 234895  
Operable Unit ID: 859903  
Operable Unit: 01  
Material ID: 515490

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MEN INDUSTRIAL (Continued)**

**S105997320**

Material Code: 0001  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
Site ID: 234895  
Spill Tank Test: 2287  
Tank Number: 1  
Tank Size: 5000  
Test Method: 03  
Leak Rate: 0.00  
Gross Fail: F  
Modified By: Spills  
Last Modified: 10/01/04  
Test Method: Horner EZ Check I or II  
DEC Remarks: Not reported  
Remarks: Start CallerRemark - 0208487 no call back needed. repairs will be made to tank and retest. END CallerRemark - 0208487

**46**  
**WSW**  
**1/2-1**  
**3887 ft.**

**REPUBLIC ENVIRONMENTAL SYSTEMS**  
**340-360 EASTERN PKWY**  
**FARMINGDALE, NY 11735**

**Relative:**  
**Higher**

**Actual:**  
**75 ft.**

**PADS**  
**RCRA-SQG**  
**FINDS**  
**RCRA-TSDF**  
**RAATS**  
**CBS UST**  
**CORRACTS**  
**CERC-NFRAP**  
**NY Spills**  
**NY MANIFEST**  
**NY Hist Spills**  
**CT MANIFEST**  
**RI MANIFEST**

**1000299184**  
**NYD000691949**

**RCRAInfo Corrective Action Summary:**

Event: RFI Approved  
Event Date: 07/06/2000  
  
Event: Certification Of Remedy Completion Or Construction Completion  
Event Date: 07/06/2000  
  
Event: RFA Completed  
Event Date: 03/31/1998  
  
Event: RFI Workplan Approved  
Event Date: 03/31/1998  
  
Event: RFI Approved  
Event Date: 03/31/1998



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Event: Stabilization Construction Completed  
Event Date: 03/31/1998

Event: Date For Remedy Selection (CM Imposed)  
Event Date: 03/31/1998

Event: RFI Workplan Approved  
Event Date: 03/30/1998

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).  
Event Date: 02/19/1998

Event: RFI Workplan Approved  
Event Date: 04/07/1997

Event: RFI Workplan Approved  
Event Date: 04/07/1997

Event: CMS Workplan Approved  
Event Date: 04/07/1997

Event: RFI Workplan Approved  
Event Date: 04/07/1997

Event: RFI Workplan Approved  
Event Date: 04/07/1997

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.  
Event Date: 09/16/1994

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.  
Event Date: 11/30/1993

Event: RFA Completed  
Event Date: 10/28/1992

RCRAInfo:  
Owner: CHEMICAL MANAGEMENT INCORPORATED  
(516) 454-6766  
EPA ID: NYD000691949  
Contact: RANDY ROYER  
(516) 454-6766  
Classification: TSD  
TSDF Activities: Used oil spec marketer

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	07/26/1993
Actual Date Achieved Compliance:	09/14/1998
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	03/19/1997
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/26/1993
Actual Date Achieved Compliance:	09/14/1998
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	03/19/1997
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	05/13/1993
Actual Date Achieved Compliance:	03/19/1997
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	03/19/1997
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	03/01/1992
Actual Date Achieved Compliance:	03/19/1997
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	03/19/1997
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/21/1992
Actual Date Achieved Compliance:	09/14/1998
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	06/04/1992
Penalty Type:	Proposed Monetary Penalty
Regulation Violated:	373-3.9(D)(2)
Area of Violation:	TSD-CONTAINERS REQUIREMENTS
Date Violation Determined:	11/12/1991
Actual Date Achieved Compliance:	11/12/1991
Enforcement Action:	VERBAL INFORMAL
Enforcement Action Date:	11/12/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/13/1985
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/12/1991
Actual Date Achieved Compliance:	09/29/1993

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/08/1985
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/23/1989
Actual Date Achieved Compliance:	11/14/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/14/1989
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/29/1988
Actual Date Achieved Compliance:	10/27/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/26/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	09/08/1987
Actual Date Achieved Compliance:	09/10/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/08/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/21/1987
Actual Date Achieved Compliance:	12/24/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/09/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	07/24/1987
Actual Date Achieved Compliance:	07/26/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/24/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/15/1986
Actual Date Achieved Compliance:	10/24/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/26/1986
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	01/31/1986
Actual Date Achieved Compliance:	10/08/1986
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Enforcement Action Date: 09/22/1986  
Penalty Type: Final Monetary Penalty  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/31/1986  
Actual Date Achieved Compliance: 10/24/1986  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/31/1986  
Penalty Type: Not reported  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/08/1986  
Actual Date Achieved Compliance: 04/11/1989  
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER  
Enforcement Action Date: 06/13/1986  
Penalty Type: Proposed Monetary Penalty  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 01/08/1986  
Actual Date Achieved Compliance: 04/11/1989  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 08/22/1986  
Penalty Type: Not reported  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 07/01/1985  
Actual Date Achieved Compliance: 04/30/1986  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/08/1985  
Penalty Type: Not reported  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 09/26/1984  
Actual Date Achieved Compliance: 03/27/1985  
Enforcement Action: VERBAL INFORMAL  
Enforcement Action Date: 11/12/1991  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 02/13/1985  
Penalty Type: Not reported

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	3/19/1997	100000	STATE
Proposed Monetary Penalty	6/4/1992	350000	STATE

There are 19 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19980914
	TSD-LAND BAN REQUIREMENTS	19980914

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Site	Database(s)	1000299184
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19980914
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19980914
Compliance Evaluation Inspection	TSD-CONTAINERS REQUIREMENTS	19911112
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19930929
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19980914
	TSD-LAND BAN REQUIREMENTS	19980914
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19980914
Compliance GW Monitoring Evaluation	TSD-GOUNDWATER MONITORING REQUIREMENTS	19970319
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19970319
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19891114
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881027
Non-Financial Record Review	GENERATOR-MANIFEST REQUIREMENTS	19870910
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19871224
Non-Financial Record Review	GENERATOR-MANIFEST REQUIREMENTS	19870726
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19861024
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19861008
Other Evaluation	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19861024
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890411
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890411
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19860430
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19850327

FINDS:

Other Pertinent Environmental Activity Identified at Site

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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.

CBS UST:

CBS Number: 1-000423  
Region: STATE  
ICS No: Not reported  
PBS No: Not reported  
MOSF No: Not reported  
Facility Tel: (516) 454-6766

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Town: OYSTER BAY  
Operator: JOHN DULL  
Emergency Contact: JOHN DULL  
Emergency Contact Phone: (516) 454-6766  
Certification Date: 05/26/1992  
Expiration Date: 12/10/1993  
Owner Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Owner Address: 101 JESSUP ROAD  
Owner City,St,Zip: THOROFARE, NJ 08086  
Owner Tele: (609) 384-8000  
Owner Type: Corporate/Commercial  
Total Tanks: 0  
Facility Type: UTILITY  
Mail To Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Mail To Contact: JAY EGAN  
Mail To Address: 340 EASTERN PARKWAY  
Mail To Address 2: Not reported  
Mail To City,St,Zip: FARMINGDALE, NY 11735-3742  
Facility Status: CLOSED IN PLACE  
Mail To Telephone: (516) 454-6766  
SPDES No: Not reported  
Owner Subtype: Not reported  
Tank Type: Fiberglass reinforced plastic [FRP]  
Install Date: 09/92  
CAS No: 7664939  
Substance: Single Hazardous Substance on DEC List  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Internal: None  
Tank External: None  
Pipe Location: Aboveground  
Pipe Internal: None  
Pipe External: None  
Leak Detection: 35  
2nd Containmt: Diking  
Overfill Protection: High Level Alarm, Catch Basin  
Haz Percent: 25  
Chemical: Sulfuric acid  
Tank Closed: 00/00  
Pipe Containment: Double-Walled  
Capacity: 5500  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 08:22:22  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 2824  
Pipe Type: PLASTIC  
Date Entered: 12/02/1991  
Tank Status: Temporarily Out Of Service  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 81|52|01 / 08|07|59  
Renew Date: 09/01/93  
Deliquent: False  
Total Capacity: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Date Expired: 12/10/93  
Tank Number: T-50  
Flag: C  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True  
  
CBS Number: 1-000423  
Region: STATE  
ICS No: Not reported  
PBS No: Not reported  
MOSF No: Not reported  
Facility Tel: (516) 454-6766  
Town: OYSTER BAY  
Operator: JOHN DULL  
Emergency Contact: JOHN DULL  
Emergency Contact Phone: (516) 454-6766  
Certification Date: 05/26/1992  
Expiration Date: 12/10/1993  
Owner Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Owner Address: 101 JESSUP ROAD  
Owner City,St,Zip: THOROFARE, NJ 08086  
Owner Tele: (609) 384-8000  
Owner Type: Corporate/Commercial  
Total Tanks: 0  
Facility Type: UTILITY  
Mail To Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Mail To Contact: JAY EGAN  
Mail To Address: 340 EASTERN PARKWAY  
Mail To Address 2: Not reported  
Mail To City,St,Zip: FARMINGDALE, NY 11735-3742  
Facility Status: CLOSED IN PLACE  
Mail To Telephone: (516) 454-6766  
SPDES No: Not reported  
Owner Subtype: Not reported  
Tank Type: Fiberglass reinforced plastic [FRP]  
Install Date: 09/92  
CAS No: 1310732  
Substance: Single Hazardous Substance on DEC List  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Internal: None  
Tank External: None  
Pipe Location: Aboveground  
Pipe Internal: None  
Pipe External: None  
Leak Detection: 35  
2nd Containmt: Diking  
Overfill Protection: High Level Alarm, Catch Basin  
Haz Percent: 25  
Chemical: Sodium hydroxide  
Tank Closed: 00/00  
Pipe Containment: Double-Walled  
Capacity: 5500  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 08:22:43

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 2824  
Pipe Type: PLASTIC  
Date Entered: 12/02/1991  
Tank Status: Temporarily Out Of Service  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 81|52|01 / 08|07|59  
Renew Date: 09/01/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 12/10/93  
Tank Number: T-51  
Flag: C  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True  
  
CBS Number: 1-000423  
Region: STATE  
ICS No: Not reported  
PBS No: Not reported  
MOSF No: Not reported  
Facility Tel: (516) 454-6766  
Town: OYSTER BAY  
Operator: JOHN DULL  
Emergency Contact: JOHN DULL  
Emergency Contact Phone: (516) 454-6766  
Certification Date: 05/26/1992  
Expiration Date: 12/10/1993  
Owner Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Owner Address: 101 JESSUP ROAD  
Owner City,St,Zip: THOROFARE, NJ 08086  
Owner Tele: (609) 384-8000  
Owner Type: Corporate/Commercial  
Total Tanks: 0  
Facility Type: UTILITY  
Mail To Name: REPUBLIC ENVIRONMENTAL SYSTEMS (NEW YORK) INC.  
Mail To Contact: JAY EGAN  
Mail To Address: 340 EASTERN PARKWAY  
Mail To Address 2: Not reported  
Mail To City,St,Zip: FARMINGDALE, NY 11735-3742  
Facility Status: CLOSED IN PLACE  
Mail To Telephone: (516) 454-6766  
SPDES No: Not reported  
Owner Subtype: Not reported  
Tank Type: Fiberglass reinforced plastic [FRP]  
Install Date: 09/92  
CAS No: 7681529  
Substance: Single Hazardous Substance on DEC List  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Internal: None  
Tank External: None



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Pipe Location: Aboveground  
Pipe Internal: None  
Pipe External: None  
Leak Detection: 35  
2nd Containmt: Diking  
Overfill Protection: High Level Alarm, Catch Basin  
Haz Percent: 15  
Chemical: Sodium hypochlorite  
Tank Closed: 00/00  
Pipe Containment: Double-Walled  
Capacity: 5500  
Tank Error Status: No Missing Data  
Tank Secret: False  
Date Entered: 08:23:03  
Last Test: Not reported  
Due Date: Not reported  
SWIS Code: 2824  
Pipe Type: PLASTIC  
Date Entered: 12/02/1991  
Tank Status: Temporarily Out Of Service  
Cert Flag: False  
Is it There: False  
Is Updated: False  
Owners Mark: First Owner  
Lat/Long: 81|52|01 / 08|07|59  
Renew Date: 09/01/93  
Deliquent: False  
Total Capacity: 0  
Date Expired: 12/10/93  
Tank Number: T-52  
Flag: C  
Case No: Not reported  
Federal Amt: True  
Pipe Flag: False  
Reserve Flag: True

CORRACTS:

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 02/19/1998  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC1 CONCRETE LOADING/UNLOADING AREA  
Actual Date: 03/30/1998  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Actual Date: 03/30/1998  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC3 GRASSY AREA LOCATED SOUTH OF BLDG 1  
Actual Date: 03/30/1998  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC1 CONCRETE LOADING/UNLOADING AREA  
Actual Date: 03/31/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC1 CONCRETE LOADING/UNLOADING AREA  
Actual Date: 03/31/1998  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2  
Actual Date: 03/31/1998  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2  
Actual Date: 03/31/1998  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC3 GRASSY AREA LOCATED SOUTH OF BLDG 1  
Actual Date: 03/31/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC3 GRASSY AREA LOCATED SOUTH OF BLDG 1  
Actual Date: 03/31/1998  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/31/1998

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/31/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 03/31/1998  
Action: CA050 - RFA Completed  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 03/31/1998  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 03/31/1998  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 03/31/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 03/31/1998  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2  
Actual Date: 03/31/1998  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC1 CONCRETE LOADING/UNLOADING AREA  
Actual Date: 04/07/1997  
Action: CA150 - RFI Workplan Approved

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2  
Actual Date: 04/07/1997  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 04/07/1997  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 04/07/1997  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC3 GRASSY AREA LOCATED SOUTH OF BLDG 1  
Actual Date: 04/07/1997  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC1 CONCRETE LOADING/UNLOADING AREA  
Actual Date: 07/06/2000  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 07/06/2000  
Action: CA200 - RFI Approved  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 07/06/2000  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC4 UNCOVERED AREA LOCATED AT SE CORNER  
Actual Date: 07/06/2000  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC3 GRASSY AREA LOCATED SOUTH OF BLDG 1  
Actual Date: 07/06/2000  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: AOC2 ASPHALT AREA SURROUNDING BLDG. 2  
Actual Date: 07/06/2000  
Action: CA550 - Certification Of Remedy Completion Or Construction Completion  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 09/16/1994  
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 10/28/1992  
Action: CA050 - RFA Completed  
NAICS Code(s): 0

EPA ID: NYD000691949  
EPA Region: 2  
Area Name: SITEWIDE  
Actual Date: 11/30/1993  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 0

CERC-NFRAP:  
Site ID: 0202949  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Alias Name(s):  
Alias Name: REPUBLIC ENVIRONMENTAL  
Alias Address: Not reported  
NASSAU, NY  
Site Description: Not reported

CERCLIS-NFRAP Assessment History:  
Action: DISCOVERY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Date Started: Not reported  
Date Completed: 02/28/1989  
Priority Level: Not reported  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 02/28/1989  
Date Completed: 03/31/1989  
Priority Level: NFRAP (No Further Remedial Action Planned)  
  
Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 01/23/1996  
Priority Level: Not reported

NY Spills:  
Site ID: 66981  
Facility Addr2: Not reported  
Facility ID: 8801480  
Spill Number: 8801480  
Facility Type: ER  
SWIS: 3024  
Region of Spill: 1  
Investigator: MIRZA  
Referred To: Not reported  
Spill Date: 05/18/88  
Reported to Dept: 05/13/88  
CID: 03  
Spill Cause: Unknown  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: DEC  
Cleanup Ceased: 06/08/88  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
UST Trust: False  
Spill Class: Not reported  
Spill Closed Dt: 06/08/88  
Remediation Phase: 0  
Date Entered In Computer: 05/23/88  
Spill Record Last Update: 06/26/06  
Spiller Name: Not reported  
Spiller Company: CHEMICAL MANAGEMENT  
Spiller Address: 340 EASTERN PARKWAY  
Spiller City,St,Zip: FARMINGDALE, NY 11735  
Spiller Company: 001  
Spiller Phone: (516) 454-6766  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Region: 1  
Program Number: 8801480  
DER Facility ID: 292059  
Site ID: 66981  
Operable Unit ID: 916957  
Operable Unit: 01  
Material ID: 460625  
Material Code: 0003

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 30.00  
Units: Gallons  
Recovered: 0.00  
Resource Affected: Soil  
Oxygenate: False  
DEC Remarks: Start DECRemark - 8801480 Prior to Sept, 2004 data translation this spill Lead  
DEC Field was "MIRZA FD" 06/08/88: NO HOLES. EXCAVATION CLEAN. FILE  
HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR  
RETENTION/DISPOSAL PROCEDURES END DECRemark - 8801480  
Remarks: Start CallerRemark - 8801480 DEC DISCOVERED HALF A CUBIC YD OF CONTAMINATED  
SOIL DURING A ROUTINE 10000 GAL TANK REMOVAL.SOIL STOCKPILED ON SITE PENDING  
REMOVAL & DISPOSAL. END CallerRemark - 8801480

NY MANIFEST:

Document ID: NYO4034214  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840914  
Trans1 Recv Date: 840914  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840917  
Part A Recv Date: 840920  
Part B Recv Date: 841003  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 30905  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2391246  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840608  
Trans1 Recv Date: 840608  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840612  
Part A Recv Date: 840625  
Part B Recv Date: 840619  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSD ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Document ID: NYO2391156  
Manifest Status: Completed copy  
Trans1 State ID: NYJA044  
Trans2 State ID: Not reported  
Generator Ship Date: 840622  
Trans1 Recv Date: 840622  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840626  
Part A Recv Date: 840716  
Part B Recv Date: 840703  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NJD071629976  
Trans2 EPA ID: Not reported  
TSD ID: ALD000622464  
Waste Code: D007 - CHROMIUM 5.0 MG/L TCLP  
Quantity: 02310  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 042  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2391192  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840607  
Trans1 Recv Date: 840607  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840608

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Part A Recv Date: 840622  
Part B Recv Date: 840615  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NJD089216790  
Waste Code: U080 - METHYLENE CHLORIDE  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: Not reported  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
  
Document ID: NYO2555307  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840425  
Trans1 Recv Date: 840425  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840426  
Part A Recv Date: 840503  
Part B Recv Date: 840508  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NJD002454544  
Waste Code: U210 - TETRACHLOROETHYLENE  
Quantity: 00330

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2391417  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840627  
Trans1 Recv Date: 840627  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840702  
Part A Recv Date: 840716  
Part B Recv Date: 840709  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Facility Name: REPUBLIC ENVIRONMENTAL  
 Facility Address: 340 EASTERN PKWY  
 Facility City: FARMINGDALE  
 Facility Zip 4: 2715  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: CHEMICAL MANAGEMENT INC  
 Mailing Contact: THOMAS TAYLOR  
 Mailing Address: 340 EASTERN PKWY  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: 2715  
 Mailing Country: USA  
 Mailing Phone: 516-454-6766  
 Mailing Name: REPUBLIC  
 Mailing Contact: DAVID BIMEO  
 Mailing Address: 240-360 EASTERN PKWY  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 516-454-6766

Document ID: NYO2391462  
 Manifest Status: Completed copy  
 Trans1 State ID: AS-3217  
 Trans2 State ID: Not reported  
 Generator Ship Date: 840713  
 Trans1 Recv Date: 840713  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 840717  
 Part A Recv Date: 840727  
 Part B Recv Date: 840723  
 Generator EPA ID: NYD000691949  
 Trans1 EPA ID: NJD071629976  
 Trans2 EPA ID: Not reported  
 TSDF ID: ALD000622464  
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
 Quantity: 04510  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 082  
 Container Type: DM - Metal drums, barrels  
 Handling Method: L Landfill.  
 Specific Gravity: 100  
 Year: 84  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD000691949  
 Facility Name: REPUBLIC ENVIRONMENTAL  
 Facility Address: 340 EASTERN PKWY  
 Facility City: FARMINGDALE  
 Facility Zip 4: 2715  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: CHEMICAL MANAGEMENT INC  
 Mailing Contact: THOMAS TAYLOR

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2388474  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840411  
Trans1 Recv Date: 840411  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840412  
Part A Recv Date: 840423  
Part B Recv Date: 840420  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2388312  
Manifest Status: Completed copy  
Trans1 State ID: -1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840331  
Trans1 Recv Date: 840331  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840402  
Part A Recv Date: 840409  
Part B Recv Date: 840406  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSD ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Document ID: NYO3223116  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840326  
Trans1 Recv Date: 840326  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840327  
Part A Recv Date: 840409  
Part B Recv Date: 840403  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSD ID: NJD096865837  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 02850  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO3223152  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840327  
Trans1 Recv Date: 840327  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840328

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Part A Recv Date: 840409  
Part B Recv Date: 840404  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00028  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
  
Document ID: NYO2388375  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840403  
Trans1 Recv Date: 840403  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840410  
Part A Recv Date: 840423  
Part B Recv Date: 840416  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
  
Document ID: NYO2390904  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840620  
Trans1 Recv Date: 840620  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840625  
Part A Recv Date: 840817  
Part B Recv Date: 840703  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Facility Name: REPUBLIC ENVIRONMENTAL  
 Facility Address: 340 EASTERN PKWY  
 Facility City: FARMINGDALE  
 Facility Zip 4: 2715  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: CHEMICAL MANAGEMENT INC  
 Mailing Contact: THOMAS TAYLOR  
 Mailing Address: 340 EASTERN PKWY  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: 2715  
 Mailing Country: USA  
 Mailing Phone: 516-454-6766  
 Mailing Name: REPUBLIC  
 Mailing Contact: DAVID BIMEO  
 Mailing Address: 240-360 EASTERN PKWY  
 Mailing City: FARMINGDALE  
 Mailing State: NY  
 Mailing Zip: 11735  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 516-454-6766

Document ID: NYO2388483  
 Manifest Status: Completed copy  
 Trans1 State ID: 1A-033  
 Trans2 State ID: Not reported  
 Generator Ship Date: 840419  
 Trans1 Recv Date: 840419  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 840423  
 Part A Recv Date: 840503  
 Part B Recv Date: 840427  
 Generator EPA ID: NYD000691949  
 Trans1 EPA ID: NYD050592807  
 Trans2 EPA ID: Not reported  
 TSDF ID: NYD080336241  
 Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
 Quantity: 00030  
 Units: Y - Cubic yards\* (.85 tons)  
 Number of Containers: 001  
 Container Type: DT - Dump trucks  
 Handling Method: L Landfill.  
 Specific Gravity: 100  
 Year: 84  
 Facility Type: Both Generator and TSD  
 EPA ID: NYD000691949  
 Facility Name: REPUBLIC ENVIRONMENTAL  
 Facility Address: 340 EASTERN PKWY  
 Facility City: FARMINGDALE  
 Facility Zip 4: 2715  
 Country: Not reported  
 County: NASSAU  
 Mailing Name: CHEMICAL MANAGEMENT INC  
 Mailing Contact: THOMAS TAYLOR

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2389068  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840418  
Trans1 Recv Date: 840418  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840419  
Part A Recv Date: 840423  
Part B Recv Date: 840430  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NJD096865837  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01700  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2389347  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840425  
Trans1 Recv Date: 840425  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840430  
Part A Recv Date: 840503  
Part B Recv Date: 840504  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Document ID: NYO2389401  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840502  
Trans1 Recv Date: 840502  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840503  
Part A Recv Date: 840517  
Part B Recv Date: 840510  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSD ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2390625  
Manifest Status: Completed copy  
Trans1 State ID: S-3217  
Trans2 State ID: Not reported  
Generator Ship Date: 840604  
Trans1 Recv Date: 840604  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840605

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Part A Recv Date: 840611  
Part B Recv Date: 840619  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NJD071629976  
Trans2 EPA ID: Not reported  
TSDF ID: OHD045243706  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 03900  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 079  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766

Document ID: NYO2390364  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840517  
Trans1 Recv Date: 840517  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840522  
Part A Recv Date: 840530  
Part B Recv Date: 840530  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949  
Facility Name: REPUBLIC ENVIRONMENTAL  
Facility Address: 340 EASTERN PKWY  
Facility City: FARMINGDALE  
Facility Zip 4: 2715  
Country: Not reported  
County: NASSAU  
Mailing Name: CHEMICAL MANAGEMENT INC  
Mailing Contact: THOMAS TAYLOR  
Mailing Address: 340 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: 2715  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
Mailing Name: REPUBLIC  
Mailing Contact: DAVID BIMEO  
Mailing Address: 240-360 EASTERN PKWY  
Mailing City: FARMINGDALE  
Mailing State: NY  
Mailing Zip: 11735  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-454-6766  
  
Document ID: NYO2390562  
Manifest Status: Completed copy  
Trans1 State ID: 1A-033  
Trans2 State ID: Not reported  
Generator Ship Date: 840601  
Trans1 Recv Date: 840601  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 840604  
Part A Recv Date: 840611  
Part B Recv Date: 840611  
Generator EPA ID: NYD000691949  
Trans1 EPA ID: NYD050592807  
Trans2 EPA ID: Not reported  
TSDF ID: NYD080336241  
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP  
Quantity: 00030  
Units: Y - Cubic yards\* (.85 tons)  
Number of Containers: 001  
Container Type: DT - Dump trucks  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 84  
Facility Type: Both Generator and TSD  
EPA ID: NYD000691949

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Facility Name:            REPUBLIC ENVIRONMENTAL  
Facility Address:        340 EASTERN PKWY  
Facility City:            FARMINGDALE  
Facility Zip 4:            2715  
Country:                Not reported  
County:                 NASSAU  
Mailing Name:            CHEMICAL MANAGEMENT INC  
Mailing Contact:        THOMAS TAYLOR  
Mailing Address:        340 EASTERN PKWY  
Mailing City:            FARMINGDALE  
Mailing State:           NY  
Mailing Zip:             11735  
Mailing Zip4:            2715  
Mailing Country:        USA  
Mailing Phone:          516-454-6766  
Mailing Name:           REPUBLIC  
Mailing Contact:        DAVID BIMEO  
Mailing Address:        240-360 EASTERN PKWY  
Mailing City:            FARMINGDALE  
Mailing State:           NY  
Mailing Zip:             11735  
Mailing Zip4:            Not reported  
Mailing Country:        USA  
Mailing Phone:          516-454-6766

[Click this hyperlink](#) while viewing on your computer to access  
3166 additional NY\_MANIFEST: record(s) in the EDR Site Report.

NY Hist Spills:  
  Region of Spill:            1  
  Spill Number:            8801480  
  Investigator:            MIRZA    FD  
  Caller Name:            Not reported  
  Caller Agency:          Not reported  
  Caller Phone:            Not reported  
  Notifier Name:          Not reported  
  Notifier Agency:        Not reported  
  Notifier Phone:         Not reported  
  Spill Date/Time:        05/18/1988 12:00  
  Reported to Dept Date/Time: 05/13/88 13:00  
  SWIS:                    28  
  Spiller Name:            CHEMICAL MANAGEMENT  
  Spiller Contact:        Not reported  
  Spiller Phone:          (516) 454-6766  
  Spiller Address:        340 EASTERN PARKWAY  
  Spiller City,St,Zip:    FARMINGDALE, NY 11735  
  Spill Cause:            Unknown  
  Reported to Dept:        On Land  
  Water Affected:        Not reported  
  Spill Source:            01  
  Spill Notifier:          DEC  
  PBS Number:            Not reported  
  Cleanup Ceased:        06/08/88  
  Cleanup Meets Std:      True  
  Last Inspection:        / /  
  Recommended Penalty:   Penalty Not Recommended  
  Spiller Cleanup Dt:     / /



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Enforcement Date:            / /  
Invstgn Complete:          / /  
UST Involvement:           False  
Spill Class:                Not reported  
Spill Closed Dt:            06/08/88  
Corrective Action Plan Submitted:    / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File:    05/23/88  
Date Spill Entered In Computer Data File:    Not reported  
Update Date:              03/19/99  
Is Updated:                False  
PBS Number:               Not reported  
Tank Number:              Not reported  
Tank Size:                Not reported  
Test Method:              Not reported  
Leak Rate Failed Tank:    Not reported  
Gross Leak Rate:          Not reported  
Material Class Type:       Petroleum  
Quantity Spilled:          30  
Unkonwn Quantity Spilled:   False  
Units:                    Gallons  
Quantity Recovered:        0  
Unkonwn Quantity Recovered: False  
Material:                  #6 FUEL OIL  
Class Type:                #6 FUEL OIL  
Times Material Entry In File:   2190  
CAS Number:               Not reported  
Last Date:                19940728  
DEC Remarks:            06/08/88: NO HOLES. EXCAVATION CLEAN.  
Remark:                DEC DISCOVERED HALF A CUBIC YD OF CONTAMINATED SOIL DURING A ROUTINE 10000 GAL  
                             TANK REMOVAL.SOIL STOCKPILED ON SITE PENDING REMOVAL   DISPOSAL.

CT MANIFEST:

Manifest No:               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  
Manifest No:               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  
Year:                    1992  
Manifest ID:               NYB585858-6  
TSDf EPA ID:              NYD000691949  
TSDf Name:                CHEMICAL MANAGEMENT, INC.  
TSDf Address:              340 EASTERN PARKWAY

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
 EPA ID Number

Database(s)

1000299184

TSDf City,St,Zip: FARMINGDALE, Y, 11735  
 TSDf Country: USA  
 TSDf Telephone: Not reported  
 Transport Date: 03/31/92  
 Transporter EPA ID: CTD983872748  
 Transporter Name: SEALAND ENVIRONMENTAL SERVICES  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD993873001  
 Generator Phone: 2036880889  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 03/31/92  
 Date Received: / /  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1992  
 Manifest ID: NYB585862-2  
 TSDf EPA ID: NYD000691949  
 TSDf Name: CHEMICAL MANAGEMENT, INC.  
 TSDf Address: 340 EASTERN PARKWAY  
 TSDf City,St,Zip: FARMINGDALE, Y, 11735  
 TSDf Country: USA  
 TSDf Telephone: Not reported  
 Transport Date: 03/31/92  
 Transporter EPA ID: CTD983872748  
 Transporter Name: SEALAND ENVIRONMENTAL SERVICES  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD993873001  
 Generator Phone: 2036880889  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 03/31/92  
 Date Received: / /  
 Last modified date: 04/27/04

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1992  
Manifest ID: NYB466904-7  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 08/14/92  
Transporter EPA ID: PAD982661381  
Transporter Name: K & B TRUCKING INC  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000013911  
Generator Phone: 2036289858  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: Yes  
Date Shipped: 08/14/92  
Date Received: / /  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1993  
Manifest ID: CTF0282829  
TSDF EPA ID: CTD021816889  
TSDF Name: UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY  
TSDF Address: 136 GRACEY AVENUE  
TSDF City,St,Zip: MERIDEN, CT 06450  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 06/16/93  
Transporter EPA ID: CTD021816889  
Transporter Name: UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876079  
Generator Phone: 2036732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 06/16/93  
Date Received: 06/16/93  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206309-7  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/23/91  
Date Received: 12/26/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206310-6  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/23/91  
Date Received: 12/27/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Manifest ID: NYB206312-4  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 12/23/91  
 Transporter EPA ID: NYD000691949  
 Transporter Name: CHEMICAL MANAGEMENT, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: 12/26/91  
 Trans 2 EPA ID: NYD000691949  
 Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
 Trans 2 Address: Not reported  
 Trans 2 City,St,Zip: CT  
 Trans 2 Country: USA  
 Trans 2 Phone: Not reported  
 Generator EPA ID: CTD983876079  
 Generator Phone: 6732538  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 12/23/91  
 Date Received: 12/27/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Year: 1993  
 Manifest ID: CTF0282829  
 TSDF EPA ID: CTD021816889  
 TSDF Name: UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY  
 TSDF Address: 136 GRACEY AVENUE  
 TSDF City,St,Zip: MERIDEN, CT 06450

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 06/16/93  
Transporter EPA ID: CTD021816889  
Transporter Name: UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876079  
Generator Phone: 2036732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 06/16/93  
Date Received: 06/16/93  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206309-7  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/23/91  
Date Received: 12/26/91  
Last modified date: 04/27/04  
Last modified by: IG

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Comments: Not reported  
Year: 1991  
Manifest ID: NYB206310-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/23/91  
Date Received: 12/27/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206312-4  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Generator Country:	Not reported
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	12/23/91
Date Received:	12/27/91
Last modified date:	04/27/04
Last modified by:	IG
Comments:	Not reported
Manifest No:	Not reported
Waste Occurrence:	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
Manifest No:	Not reported
Waste Occurrence:	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
Year:	1993
Manifest ID:	CTF0282829
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY
TSDF Address:	136 GRACEY AVENUE
TSDF City,St,Zip:	MERIDEN, CT 06450
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	06/16/93
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED INDUSTRIAL SERVICE DBA ADVANCED LIQUID RECY
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
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
Generator EPA ID:	CTD983876079
Generator Phone:	2036732538
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	06/16/93
Date Received:	06/16/93

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206309-7  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 12/23/91  
Date Received: 12/26/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB206310-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 12/23/91  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 12/26/91  
Trans 2 EPA ID: NYD000691949  
Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD983876079  
Generator Phone: 6732538

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 12/23/91  
 Date Received: 12/27/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1991  
 Manifest ID: NYB206312-4  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 12/23/91  
 Transporter EPA ID: NYD000691949  
 Transporter Name: CHEMICAL MANAGEMENT, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: 12/26/91  
 Trans 2 EPA ID: NYD000691949  
 Trans 2 Name: CHEMICAL MANAGEMENT, INC.  
 Trans 2 Address: Not reported  
 Trans 2 City,St,Zip: CT  
 Trans 2 Country: USA  
 Trans 2 Phone: Not reported  
 Generator EPA ID: CTD983876079  
 Generator Phone: 6732538  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 12/23/91  
 Date Received: 12/27/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Manifest No: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Waste Occurrence: 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  
Year: 1991  
Manifest ID: NYB284861-7  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 07/02/91  
Transporter EPA ID: NYD006801245  
Transporter Name: TYREE BROS ENVIRONMENTAL SVC/TYREE ORGANIZATION  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: NYD981186455  
Generator Phone: 5163545540  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 07/02/91  
Date Received: 07/02/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Year: 1991  
Manifest ID: NYB284827-5  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 10/18/91  
Transporter EPA ID: NYD006801245  
Transporter Name: TYREE BROS ENVIRONMENTAL SVC/TYREE ORGANIZATION  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000012895  
Generator Phone: Not reported  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 10/18/91  
Date Received: 10/18/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1991  
Manifest ID: NYB284806-8  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 07/26/91  
Transporter EPA ID: NYD006801245  
Transporter Name: TYREE BROS ENVIRONMENTAL SVC/TYREE ORGANIZATION  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000012546  
Generator Phone: 2034672536  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 07/26/91  
Date Received: 07/26/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1991  
Manifest ID: NYB238367-7  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 04/24/91  
Transporter EPA ID: CTD983872748

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Transporter Name: SEALAND ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000011989  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 04/24/91  
Date Received: 04/25/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB238368-6  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 04/24/91  
Transporter EPA ID: CTD983872748  
Transporter Name: SEALAND ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000011989  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 04/24/91  
Date Received: 04/25/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
  
Manifest No: Not reported  
Waste Occurrence: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

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
Manifest No:	Not reported
Waste Occurrence:	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
Year:	1991
Manifest ID:	NYB295806-6
TSDF EPA ID:	NYD000691949
TSDF Name:	CHEMICAL MANAGEMENT, INC.
TSDF Address:	340 EASTERN PARKWAY
TSDF City,St,Zip:	FARMINGDALE, Y, 11735
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	09/18/91
Transporter EPA ID:	NYD006801245
Transporter Name:	TYREE BROS ENVIRONMENTAL SVC/TYREE ORGANIZATION
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	10/04/91
Trans 2 EPA ID:	NYD006801245
Trans 2 Name:	TYREE BROS ENVIRONMENTAL SVC/TYREE ORGANIZATION
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	MAP000062262
Generator Phone:	2034672536
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	No
Discrepancies:	No
Date Shipped:	09/18/91
Date Received:	10/04/91
Last modified date:	04/27/04
Last modified by:	IG
Comments:	Not reported
Manifest No:	Not reported
Waste Occurrence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1993  
Manifest ID: CTF0236978  
TSDf EPA ID: CTD072138969  
TSDf Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
TSDf Address: 130 FREIGHT STREET  
TSDf City,St,Zip: WATERBURY, CT 06702  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 01/11/93  
Transporter EPA ID: CTD072138969  
Transporter Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876616  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 01/11/93  
Date Received: 01/11/93  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1993  
Manifest ID: CTF0236990  
TSDf EPA ID: CTD072138969  
TSDf Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
TSDf Address: 130 FREIGHT STREET  
TSDf City,St,Zip: WATERBURY, CT 06702  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 09/13/93  
Transporter EPA ID: CTD072138969  
Transporter Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876616  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 09/13/93  
Date Received: 09/13/93  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1993  
Manifest ID: CTF0236991  
TSDF EPA ID: CTD072138969  
TSDF Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
TSDF Address: 130 FREIGHT STREET  
TSDF City,St,Zip: WATERBURY, CT 06702  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 09/13/93  
Transporter EPA ID: CTD072138969  
Transporter Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876616  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 09/13/93  
Date Received: 09/13/93  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1992  
Manifest ID: CTC0263708  
TSDF EPA ID: RID980906986  
TSDF Name: ETICAM WARWICK FACILITY  
TSDF Address: 25 GRAYSTONE ST  
TSDF City,St,Zip: WARWICK, RI 02886

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 03/16/92  
 Transporter EPA ID: CTD982191942  
 Transporter Name: BECHEM TRANSPORT, INC  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD983876616  
 Generator Phone: 2037748571  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: Yes  
 Date Shipped: 03/16/92  
 Date Received: 03/16/92  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1992  
 Manifest ID: CTC0263713  
 TSDF EPA ID: CTD072138969  
 TSDF Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
 TSDF Address: 130 FREIGHT STREET  
 TSDF City,St,Zip: WATERBURY, CT 06702  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 03/20/92  
 Transporter EPA ID: CTD072138969  
 Transporter Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD983876616  
 Generator Phone: 2037748571  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 03/20/92  
 Date Received: 03/20/92  
 Last modified date: 04/27/04  
 Last modified by: IG

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Comments: Not reported  
Year: 1992  
Manifest ID: CTF0130895  
TSDf EPA ID: CTD072138969  
TSDf Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
TSDf Address: 130 FREIGHT STREET  
TSDf City,St,Zip: WATERBURY, CT 06702  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 11/23/92  
Transporter EPA ID: CTD072138969  
Transporter Name: ENVIRONMENTAL WASTE RESOURCES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876616  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 11/23/92  
Date Received: 11/23/92  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1991  
Manifest ID: NYB224082-0  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 03/27/91  
Transporter EPA ID: CTD983872748  
Transporter Name: SEALAND ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD983876616  
Generator Phone: 2037748571  
Generator Address: Not reported  
Generator City,State,Zip: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 03/27/91  
 Date Received: 03/28/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1991  
 Manifest ID: NYB158118-3  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 07/19/91  
 Transporter EPA ID: CTD983872748  
 Transporter Name: SEALAND ENVIRONMENTAL SERVICES, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD983876616  
 Generator Phone: 2037748571  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 07/19/91  
 Date Received: / /  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1991  
 Manifest ID: NYB158119-2  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 07/19/91  
 Transporter EPA ID: CTD983872748  
 Transporter Name: SEALAND ENVIRONMENTAL SERVICES, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 Trans 2 EPA ID: Not reported  
 Trans 2 Name: Not reported  
 Trans 2 Address: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Trans 2 City,St,Zip:       CT  
Trans 2 Country:           USA  
Trans 2 Phone:            Not reported  
Generator EPA ID:        CTD983876616  
Generator Phone:         2037748571  
Generator Address:       Not reported  
Generator City,State,Zip: Not reported  
Generator Country:       Not reported  
Special Handling:         Yes  
Discrepancies:           No  
Date Shipped:            07/19/91  
Date Received:            / /  
Last modified date:       04/27/04  
Last modified by:         IG  
Comments:                Not reported  
Year:                      1991  
Manifest ID:               NYB255322-8  
TSDF EPA ID:              NYD000691949  
TSDF Name:                CHEMICAL MANAGEMENT, INC.  
TSDF Address:             340 EASTERN PARKWAY  
TSDF City,St,Zip:        FARMINGDALE, Y, 11735  
TSDF Country:            USA  
TSDF Telephone:         Not reported  
Transport Date:           11/08/91  
Transporter EPA ID:       CTD983872748  
Transporter Name:        SEALAND ENVIRONMENTAL SERVICES, INC.  
Transporter Country:     USA  
Transporter Phone:       Not reported  
Trans 2 Date:             / /  
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  
Generator EPA ID:        CTD983876616  
Generator Phone:         2037748571  
Generator Address:       Not reported  
Generator City,State,Zip: Not reported  
Generator Country:       Not reported  
Special Handling:         Yes  
Discrepancies:           Yes  
Date Shipped:            11/08/91  
Date Received:            11/08/91  
Last modified date:       04/27/04  
Last modified by:         IG  
Comments:                Not reported  
  
Manifest No:               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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Additional Description: Not reported  
 Handling Code: Not reported  
 Date Record Was Last Modified: Not reported  
 DEO Who Last Modified Record: Not reported  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Year: 1991  
 Manifest ID: CTF0088184  
 TSDF EPA ID: CTD021816889  
 TSDF Name: UNITED OIL RECOVERY, INC.  
 TSDF Address: 136 GRACEY AVENUE  
 TSDF City,St,Zip: MERIDEN, CT 06450  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 03/15/91  
 Transporter EPA ID: CTD983871625  
 Transporter Name: AMERICAN ENVIRONMENTAL TECHNOLOGY  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTP000002209  
 Generator Phone: 2032626480  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: No  
 Discrepancies: No  
 Date Shipped: 03/15/91  
 Date Received: 03/18/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1991  
 Manifest ID: CTF0088185  
 TSDF EPA ID: CTD021816889  
 TSDF Name: UNITED OIL RECOVERY, INC.  
 TSDF Address: 136 GRACEY AVENUE  
 TSDF City,St,Zip: MERIDEN, CT 06450  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 03/15/91  
 Transporter EPA ID: CTD983871625  
 Transporter Name: AMERICAN ENVIRONMENTAL TECHNOLOGY  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 Trans 2 EPA ID: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

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  
 Generator EPA ID: CTP000002209  
 Generator Phone: 2032626480  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: No  
 Discrepancies: No  
 Date Shipped: 03/15/91  
 Date Received: 03/18/91  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1990  
 Manifest ID: NYB211314-6  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 11/08/90  
 Transporter EPA ID: NYD000691949  
 Transporter Name: CHEMICAL MANAGEMENT, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTP000002209  
 Generator Phone: Not reported  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: No  
 Discrepancies: No  
 Date Shipped: 11/08/90  
 Date Received: 11/08/90  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1990  
 Manifest ID: NYB211316-4  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Transport Date: 11/08/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000002209  
Generator Phone: Not reported  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 11/08/90  
Date Received: 11/08/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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

Year: 1990  
Manifest ID: NYB206958-6  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 05/09/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Trans 2 Date: / /  
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  
Generator EPA ID: CTP000010995  
Generator Phone: 2032689938  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 05/09/90  
Date Received: 05/09/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1990  
Manifest ID: NYB216642-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 08/15/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000010995  
Generator Phone: 2032689938  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 08/15/90  
Date Received: 08/15/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
  
Manifest No: Not reported  
Waste Occurrence: Not reported  
UNNA: Not reported  
Hazard Class: Not reported  
US Dot Description: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1990  
Manifest ID: NYB233091-0  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 09/29/90  
Transporter EPA ID: NYD046765574  
Transporter Name: PRICE TRUCKING CORP.,  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000011463  
Generator Phone: 6173289282  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: Yes  
Date Shipped: 09/29/90  
Date Received: 10/01/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
  
Manifest No: Not reported  
Waste Occurrence: 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Handling Code: Not reported  
Date Record Was Last Modified: Not reported  
DEO Who Last Modified Record: Not reported  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1990  
Manifest ID: NYB216638-1  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 08/15/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000011020  
Generator Phone: 2033364901  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Yes  
Discrepancies: No  
Date Shipped: 08/15/90  
Date Received: 08/15/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

EPA Waste Code: Not reported  
Recycled Waste?: Not reported  
Date Record Was Last Modified: Not reported  
DEO Who Last Modified Record: Not reported  
Year: 1990  
Manifest ID: NYB206958-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 05/09/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000010995  
Generator Phone: 2032689938  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 05/09/90  
Date Received: 05/09/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1990  
Manifest ID: NYB216642-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 08/15/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000010995

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Generator Phone: 2032689938  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Yes  
 Discrepancies: No  
 Date Shipped: 08/15/90  
 Date Received: 08/15/90  
 Last modified date: 04/27/04  
 Last modified by: IG  
 Comments: Not reported  
  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Manifest No: Not reported  
 Waste Occurrence: 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  
 Year: 1990  
 Manifest ID: NYB203483 7  
 TSDF EPA ID: NYD000691949  
 TSDF Name: CHEMICAL MANAGEMENT, INC.  
 TSDF Address: 340 EASTERN PARKWAY  
 TSDF City,St,Zip: FARMINGDALE, Y, 11735  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 02/01/90  
 Transporter EPA ID: NYD050592807  
 Transporter Name: RGM LIQUID WASTE REMOVAL CORP.,  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTP000010584  
 Generator Phone: 2033860100  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Discrepancies: No  
Date Shipped: 02/01/90  
Date Received: 02/01/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1991  
Manifest ID: CTF0088184  
TSDF EPA ID: CTD021816889  
TSDF Name: UNITED OIL RECOVERY, INC.  
TSDF Address: 136 GRACEY AVENUE  
TSDF City,St,Zip: MERIDEN, CT 06450  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 03/15/91  
Transporter EPA ID: CTD983871625  
Transporter Name: AMERICAN ENVIRONMENTAL TECHNOLOGY  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000002209  
Generator Phone: 2032626480  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 03/15/91  
Date Received: 03/18/91  
Last modified date: 04/27/04  
Last modified by: IG

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Comments: Not reported  
Year: 1991  
Manifest ID: CTF0088185  
TSDf EPA ID: CTD021816889  
TSDf Name: UNITED OIL RECOVERY, INC.  
TSDf Address: 136 GRACEY AVENUE  
TSDf City,St,Zip: MERIDEN, CT 06450  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 03/15/91  
Transporter EPA ID: CTD983871625  
Transporter Name: AMERICAN ENVIRONMENTAL TECHNOLOGY  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000002209  
Generator Phone: 2032626480  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 03/15/91  
Date Received: 03/18/91  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1990  
Manifest ID: NYB211314-6  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 11/08/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000002209  
Generator Phone: Not reported  
Generator Address: Not reported  
Generator City,State,Zip: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 11/08/90  
Date Received: 11/08/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1990  
Manifest ID: NYB211316-4  
TSDf EPA ID: NYD000691949  
TSDf Name: CHEMICAL MANAGEMENT, INC.  
TSDf Address: 340 EASTERN PARKWAY  
TSDf City,St,Zip: FARMINGDALE, Y, 11735  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 11/08/90  
Transporter EPA ID: NYD000691949  
Transporter Name: CHEMICAL MANAGEMENT, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTP000002209  
Generator Phone: Not reported  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: No  
Discrepancies: No  
Date Shipped: 11/08/90  
Date Received: 11/08/90  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
  
Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: Not reported  
EPA Waste Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)**

**1000299184**

Recycled Waste?: Not reported  
Date Record Was Last Modified: Not reported  
DEO Who Last Modified Record: Not reported  
Year: 2004  
Manifest ID: CTF1200986  
TSDf EPA ID: OHD000816629  
TSDf Name: SPRING GROVE RESOURCE RECOVERY  
TSDf Address: 4879 SPRING GROVE AVE  
TSDf City,St,Zip: CINCINNATI, OH 45232-  
TSDf Country: USA  
TSDf Telephone: (513)681-5738  
Transport Date: 11/30/04  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: (781)849-1800  
Trans 2 Date: 12/01/04  
Trans 2 EPA ID: OHD009865825  
Trans 2 Name: DART TRUCKING COMPANY, INC.  
Trans 2 Address: PO BOX 60  
Trans 2 City,St,Zip: COLUMBIANA, OH 44408-  
Trans 2 Country: USA  
Trans 2 Phone: (800)541-8206  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: 182 COMMERCE ST  
Generator City,State,Zip: EAST HAVEN, CT 06512  
Generator Country: USA  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 11/30/04  
Date Received: 12/02/04  
Last modified date: 06/14/05  
Last modified by: CYF  
Comments: Not reported  
Year: 2003  
Manifest ID: CTF1049378  
TSDf EPA ID: OHD000816629  
TSDf Name: SPRING GROVE RESOURCE RECOVERY  
TSDf Address: 4879 SPRING GROVE AVE.  
TSDf City,St,Zip: CINCINNATI, OH 45232  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 10/07/03  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 10/09/03  
Trans 2 EPA ID: OHD009865825  
Trans 2 Name: DART TRUCKING COMPANY, INC.  
Trans 2 Address: 61 RAILROAD STREET  
Trans 2 City,St,Zip: CANFIELD, OH 44406  
Trans 2 Country: USA  
Trans 2 Phone: (330)533-9841  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Generator Address: Not reported  
Generator City,State,Zip: CT  
Generator Country: USA  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 10/07/03  
Date Received: 10/17/03  
Last modified date: 07/06/04  
Last modified by: CYF  
Comments: Not reported  
Year: 2003  
Manifest ID: ctf1047610  
TSDf EPA ID: CTD000604488  
TSDf Name: CLEAN HARBORS OF CONNECTICUT,INC.  
TSDf Address: 761 MIDDLE STREET  
TSDf City,St,Zip: BRISTOL, CT 06010  
TSDf Country: USA  
TSDf Telephone: 8605838917  
Transport Date: 10/22/03  
Transporter EPA ID: MAD001764794  
Transporter Name: UNIVAR USA INC (WAS VOPAK USA INC. VAN WATERS & RO  
Transporter Country: USA  
Transporter Phone: (732)416-9830  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: 182 COMMERCE ST  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 10/22/03  
Date Received: 10/22/03  
Last modified date: 06/08/04  
Last modified by: CYF  
Comments: Not reported  
Year: 2002  
Manifest ID: CTF0980479  
TSDf EPA ID: CTD000604488  
TSDf Name: CLEAN HARBORS OF CONNECTICUT INC  
TSDf Address: 51 BRODERICK RD  
TSDf City,St,Zip: BRISTOL, CT 06010  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 08/29/02  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: No  
Date Shipped: 08/29/02  
Date Received: 08/30/02  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 2002  
Manifest ID: CTF0983780  
TSDF EPA ID: CTD000604488  
TSDF Name: CLEAN HARBORS OF CONNECTICUT INC  
TSDF Address: 51 BRODERICK RD  
TSDF City,St,Zip: BRISTOL, CT 06010  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 08/22/02  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 08/22/02  
Date Received: / /  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 2002  
Manifest ID: CTF0983838  
TSDF EPA ID: CTD000604488  
TSDF Name: CLEAN HARBORS OF CONNECTICUT INC  
TSDF Address: 51 BRODERICK RD  
TSDF City,St,Zip: BRISTOL, CT 06010  
TSDF Country: USA  
TSDF Telephone: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Transport Date: 08/22/02  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: No  
Date Shipped: 08/22/02  
Date Received: 08/22/02  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 2001  
Manifest ID: MDC0903345  
TSDF EPA ID: MDD980555189  
TSDF Name: CLEAN HARBOR OF BALTIMORE, INC.  
TSDF Address: 1910 RUSSELL STREET  
TSDF City,St,Zip: BALTIMORE, MD 21230  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 06/25/01  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 06/27/01  
Trans 2 EPA ID: OHD009865825  
Trans 2 Name: DART TRUCKING CO INC  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Yes  
Date Shipped: 06/25/01  
Date Received: 07/09/01  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 2000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Manifest ID: MAM343199  
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: 03/10/00  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 03/10/00  
Date Received: 03/13/00  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 2000  
Manifest ID: MAM692818  
TSDF EPA ID: MAD053452637  
TSDF Name: CLEAN HARBORS OF BRAINTREE INC  
TSDF Address: 1 HILL AVE  
TSDF City,St,Zip: BRAINTREE, MA 02184  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 09/18/00  
Transporter EPA ID: MAD039322250  
Transporter Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: 09/20/00  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Discrepancies: No  
Date Shipped: 09/18/00  
Date Received: 09/20/00  
Last modified date: 04/27/04  
Last modified by: IG  
Comments: Not reported  
Year: 1999  
Manifest ID: MAM001377  
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: 04/08/99  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 04/08/99  
Date Received: 04/09/99  
Last modified date: 04/26/04  
Last modified by: IG  
Comments: Not reported  
Year: 1999  
Manifest ID: MAM028306  
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: 07/29/99  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Trans 2 Phone: Not reported  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Not reported  
 Discrepancies: Not reported  
 Date Shipped: 07/29/99  
 Date Received: 07/30/99  
 Last modified date: 04/26/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1999  
 Manifest ID: MAM283487  
 TSDF EPA ID: MAD000604447  
 TSDF Name: LAIDLAW ENVIRONMENTAL SERVICES (NORTHEAST, INC.)  
 TSDF Address: 300 CANAL STREET  
 TSDF City,St,Zip: LAWRENCE, MA 01845  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 08/27/99  
 Transporter EPA ID: SCD987574647  
 Transporter Name: LAIDLAW ENVIRONMENTAL SERVICES (TRANSPORTER)  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Not reported  
 Discrepancies: No  
 Date Shipped: 08/27/99  
 Date Received: 08/27/99  
 Last modified date: 04/26/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1999  
 Manifest ID: MAM325511  
 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: 11/16/99  
 Transporter EPA ID: ILD984908202  
 Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
 Transporter Country: USA



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Not reported  
 Discrepancies: Not reported  
 Date Shipped: 11/16/99  
 Date Received: 11/18/99  
 Last modified date: 04/26/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1998  
 Manifest ID: CTF0688880  
 TSDF EPA ID: CTD980667927  
 TSDF Name: SAFETY-KLEEN SYSTEMS, INC.  
 TSDF Address: 11 TIPPING DRIVE  
 TSDF City,St,Zip: BRANFORD, CT 06405  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 05/20/98  
 Transporter EPA ID: ILD984908202  
 Transporter Name: SAFETY-KLEEN CORP.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Not reported  
 Discrepancies: Not reported  
 Date Shipped: 05/20/98  
 Date Received: 05/20/98  
 Last modified date: 04/26/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1998  
 Manifest ID: MAK500962  
 TSDF EPA ID: MAD000604447  
 TSDF Name: LAIDLAW ENVIRONMENTAL SERVICES (NORTHEAST, INC.)  
 TSDF Address: 300 CANAL STREET

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

TSDf City,St,Zip: LAWRENCE, MA 01845  
TSDf Country: USA  
TSDf Telephone: Not reported  
Transport Date: 03/16/98  
Transporter EPA ID: SCD987574647  
Transporter Name: LAIDLAW ENVIRONMENTAL SERVICES (TRANSPORTER)  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: No  
Date Shipped: 03/16/98  
Date Received: 03/16/98  
Last modified date: 04/26/04  
Last modified by: IG  
Comments: Not reported  
Year: 1998  
Manifest ID: MAK626256  
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: 12/28/98  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 12/28/98  
Date Received: 12/30/98  
Last modified date: 04/26/04

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Last modified by: IG  
 Comments: Not reported  
 Year: 1998  
 Manifest ID: CTF0725535  
 TSDF EPA ID: CTD980667927  
 TSDF Name: SAFETY-KLEEN SYSTEMS, INC.  
 TSDF Address: 11 TIPPING DRIVE  
 TSDF City,St,Zip: BRANFORD, CT 06405  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 09/08/98  
 Transporter EPA ID: ILD984908202  
 Transporter Name: SAFETY-KLEEN SYSTEMS, INC.  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported  
 Generator City,State,Zip: Not reported  
 Generator Country: Not reported  
 Special Handling: Not reported  
 Discrepancies: Not reported  
 Date Shipped: 09/08/98  
 Date Received: 09/08/98  
 Last modified date: 04/26/04  
 Last modified by: IG  
 Comments: Not reported  
 Year: 1998  
 Manifest ID: CTF0672985  
 TSDF EPA ID: CTD980667927  
 TSDF Name: SAFETY-KLEEN CORP.  
 TSDF Address: 11 TIPPING DRIVE  
 TSDF City,St,Zip: BRANFORD, CT 06405  
 TSDF Country: USA  
 TSDF Telephone: Not reported  
 Transport Date: 01/26/98  
 Transporter EPA ID: ILD984908202  
 Transporter Name: SAFETY KLEEN CORP  
 Transporter Country: USA  
 Transporter Phone: Not reported  
 Trans 2 Date: / /  
 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  
 Generator EPA ID: CTD982745382  
 Generator Phone: 2034687555  
 Generator Address: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 01/26/98  
Date Received: 01/26/98  
Last modified date: 04/26/04  
Last modified by: IG  
Comments: Not reported  
Year: 1997  
Manifest ID: CTF0640592  
TSDF EPA ID: CTD980667927  
TSDF Name: SAFETY-KLEEN CORP.  
TSDF Address: 11 TIPPING DRIVE  
TSDF City,St,Zip: BRANFORD, CT 06405  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 10/20/97  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN CORP.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
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  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 10/20/97  
Date Received: 10/20/97  
Last modified date: 04/26/04  
Last modified by: IG  
Comments: Not reported  
Year: 1997  
Manifest ID: MAK199166  
TSDF EPA ID: CTD980667927  
TSDF Name: SAFETY-KLEEN CORP.  
TSDF Address: 11 TIPPING DRIVE  
TSDF City,St,Zip: BRANFORD, CT 06405  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 07/09/97  
Transporter EPA ID: ILD984908202  
Transporter Name: SAFETY-KLEEN CORP.  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT  
Trans 2 Country: USA  
Trans 2 Phone: Not reported  
Generator EPA ID: CTD982745382  
Generator Phone: 2034687555  
Generator Address: Not reported  
Generator City,State,Zip: Not reported  
Generator Country: Not reported  
Special Handling: Not reported  
Discrepancies: Not reported  
Date Shipped: 07/09/97  
Date Received: 07/09/97  
Last modified date: 04/26/04  
Last modified by: IG  
Comments: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
25 additional CT MANIFEST: record(s) in the EDR Site Report.

Manifest No: Not reported  
Waste Occurrence: 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  
Manifest No: Not reported  
Waste Occurrence: 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  
Year: 1990  
Manifest ID: NYB211627-8  
TSDF EPA ID: NYD000691949  
TSDF Name: CHEMICAL MANAGEMENT, INC.  
TSDF Address: 340 EASTERN PARKWAY  
TSDF City,St,Zip: FARMINGDALE, Y, 11735  
TSDF Country: USA  
TSDF Telephone: Not reported  
Transport Date: 12/12/90  
Transporter EPA ID: NYD050592807  
Transporter Name: RGM LIQUID WASTE REMOVAL CORP.,  
Transporter Country: USA  
Transporter Phone: Not reported  
Trans 2 Date: / /  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
Trans 2 Address: Not reported  
Trans 2 City,St,Zip: CT

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

1000299184

Trans 2 Country:            USA  
Trans 2 Phone:            Not reported  
Generator EPA ID:        CTD983871625  
Generator Phone:        2037443477  
Generator Address:       Not reported  
Generator City,State,Zip: Not reported  
Generator Country:       Not reported  
Special Handling:        No  
Discrepancies:           No  
Date Shipped:            12/12/90  
Date Received:           12/12/90  
Last modified date:       04/27/04  
Last modified by:        IG  
Comments:                Not reported

[Click this hyperlink](#) while viewing on your computer to access  
5 additional CT MANIFEST: record(s) in the EDR Site Report.

RI MANIFEST:

Manifest Docket Number:    RIH0000612  
Waste Description:           HW LIQ  
Quantity:                    2800.0  
WT/Vol Units:               G  
Item Number:                1  
Transporter Name:           Not reported  
Transporter EPA ID:        PAD982661381  
GEN Cert Date:              11/14/97  
Transporter Recpt Date:     / /  
Transporter 2 Recpt Date:   / /  
TSDF Recpt Date:           / /  
EPA ID:                      NYD000691949  
Number Of Containers:       0.00  
Container Type:             Not reported  
Waste Code1:                F006  
Waste Code2:                Not reported  
Waste Code3:                Not reported  
Comment:                    Not reported  
Fee Exempt Code:            0.00000  
TSDF Name:                  Not reported  
TSDF ID:                     RID980906986  
Date Imported:              08/06/98  
Transporter 2 Name:        Not reported  
Transporter 2 ID:            Not reported

Manifest Docket Number:    RIC0034847  
Waste Description:           HW LIQ  
Quantity:                    4250.0  
WT/Vol Units:               G  
Item Number:                1  
Transporter Name:           LINCOLN ENVIRONMENTAL  
Transporter EPA ID:        RID982192627  
GEN Cert Date:              04/04/97  
Transporter Recpt Date:     / /  
Transporter 2 Recpt Date:   / /  
TSDF Recpt Date:           / /  
EPA ID:                      NYD000691949  
Number Of Containers:       0.00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Container Type: Not reported  
Waste Code1: F006  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSD Name: ETICAM WARWICK FACILITY  
TSD ID: RID980906986  
Date Imported: 11/12/98  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIC0029352  
Waste Description: HAZ WASTE LIQ, NOS  
Quantity: 3758.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: FREEHOLD CARTAGE INC  
Transporter EPA ID: NJD054126164  
GEN Cert Date: 06/20/94  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSD Recpt Date: / /

EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F006  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSD Name: ETICAM WARWICK FACILITY  
TSD ID: RID980906986  
Date Imported: 09/27/95  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIC0026812  
Waste Description: HW LIQ  
Quantity: 2200.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: S-J TRANSPORTATION CO.  
Transporter EPA ID: NJD071629976  
GEN Cert Date: 07/08/93  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSD Recpt Date: / /

EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F006  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSD Name: ETICAM WARWICK FACILITY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

TSDF ID: RID980906986  
Date Imported: 09/21/94  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: CTF0165405  
Waste Description: CYANIDE  
Quantity: 3890.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: SJ  
Transporter EPA ID: NJD071629976  
GEN Cert Date: 02/26/92  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSDF Recpt Date: / /  
EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: D003  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSDF Name: ETICAM  
TSDF ID: RID980906986  
Date Imported: / /  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIB0012598  
Waste Description: CYANIDE  
Quantity: 1948.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: FREEHOLD  
Transporter EPA ID: NJD054126164  
GEN Cert Date: 10/24/91  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSDF Recpt Date: / /  
EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F007  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSDF Name: ETICAM  
TSDF ID: RID980906986  
Date Imported: / /  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIB0012596  
Waste Description: CYANIDE



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Quantity: 805.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: SJ  
Transporter EPA ID: NJD071629976  
GEN Cert Date: 12/26/90  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSDF Recpt Date: / /  
EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F007  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSDF Name: ETICAM  
TSDF ID: RID980906986  
Date Imported: / /  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIB0012599  
Waste Description: CYANIDE  
Quantity: 2348.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: FREEHOLD  
Transporter EPA ID: NJD054126164  
GEN Cert Date: 02/11/91  
Transporter Recpt Date: / /  
Transporter 2 Recpt Date: / /  
TSDF Recpt Date: / /  
EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F007  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSDF Name: ETICAM  
TSDF ID: RID980906986  
Date Imported: / /  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

Manifest Docket Number: RIB0012595  
Waste Description: CYANIDE  
Quantity: 1920.0  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: FREEHOLD  
Transporter EPA ID: NJD054126164  
GEN Cert Date: 10/02/90  
Transporter Recpt Date: / /

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

REPUBLIC ENVIRONMENTAL SYSTEMS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000299184

Transporter 2 Recpt Date: / /  
TSDf Recpt Date: / /  
EPA ID: NYD000691949  
Number Of Containers: 0.00  
Container Type: Not reported  
Waste Code1: F007  
Waste Code2: Not reported  
Waste Code3: Not reported  
Comment: Not reported  
Fee Exempt Code: 0.00000  
TSDf Name: ETICAM  
TSDf ID: RID980906986  
Date Imported: / /  
Transporter 2 Name: Not reported  
Transporter 2 ID: Not reported

47  
West  
1/2-1  
3939 ft.

NATIONAL HEATSET PRINTING CO.  
1 ADAMS BOULEVARD  
EAST FARMINGDALE, NY 11735

SHWS S106780919  
N/A

Relative:  
Higher

SHWS:

Actual:  
81 ft.

Program: HW  
Site Code: 55885  
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION  
REQUIRED.

Region: 1  
Acres: 4.5  
HW Code: 152140  
Record Add: 1999-11-18 12:00:00  
Record Upd: 2005-03-31 14:25:00  
Updated By: GTBOBERS  
Site Description:

This site is a multi-tenant industrial building. A former tenant, National Heatset Printing, allegedly dumped organic solvents and other printing chemical wastes into leaching pools on the site. Analytical data has confirmed groundwater contamination at levels above groundwater standards. Soils at the site are contaminated with tetrachloroethylene at 14 ppm, trichloroethylene at 62 ppm, 1,1,1-trichloroethane at 1.6 ppm and 1, 2-dichloroethylene at 4.1 ppm. Groundwater at the site is contaminated with tetrachloroethane at 2,700 ppb, trichloroethylene at 100 ppb, 1,1,1-trichloroethane at 26 ppb and 1,2-dichloroethene at 180 ppb. Nine private wells downgradient of the site have been contaminated by VOCs. During the RI/FS for this site, a plume of groundwater contamination attributable to the site was found to extend approximately 7,100 feet downgradient of the site. This plume threatens the Albany Avenue public well field downgradient of the site. The Suffolk County Water Authority provided public water to six homes and three businesses that were using private wells impacted by the groundwater contamination plume. A RI/FS report was issued in 1999 along with a PRAP. An in-well air stripper was selected as the remedy to address the groundwater contamination. The ROD was signed in June 1999. The PRP refused to implement the remedy and the site was referred to State Superfund for remedial design and remedial action. In June 2000, an alternate extraction and treatment remedy was proposed for the off-site contamination. The remedial design work plan was approved in October 2000. A chemical oxidation pilot test was done at the source area in 2001 along with a pump test at the downgradient edge of the site. In 2001, contaminated soils were discovered beneath the building slab and a soil vapor extraction system was installed to eliminate vapor intrusion. The RD for

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**NATIONAL HEATSET PRINTING CO. (Continued)**

**S106780919**

permanganate injection was completed in August 2004. The project was sent out to bid and bids were opened in December 2004. The downgradient treatment design was approved in January 2005.

Environmental Problems: Groundwater contamination has affected a sole source aquifer. Six private and three business water supply wells were contaminated and public water was supplied. A public supply well field is 6,500 feet downgradient from this site.

Health Problems Assessment: Several private wells near the site were contaminated with chlorinated solvents, public water has since been provided to the affected homes and businesses. To eliminate the possibility of exposure to contaminants in drinking water, the New York State Department of Health recommended that all downgradient homes and businesses with private wells be connected to public water. A public water supply well is one mile downgradient from the site. No site-related contamination has been detected in this well, but routine monitoring continues. PCE was detected historically in indoor air at the site-related building. An SVE system was installed to remediate the on-site source of PCE contamination. This measure is also reducing the PCE within the site-related building.

Dump: False  
Structure: True  
Lagoon: False  
Landfill: False  
Pond: False  
Disp Start: 1983  
Disp Term: 1988  
Lat/Long: 40:43:03:0 / 73:24:47:0  
Dell: F  
Record Add: 11/18/99  
Record Upd: 11/18/99  
Updated By: DJFARRAR  
Own Op: 03  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: MICHAEL ADAMOWICZ III  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: ZZ  
Owner Country: United States of America  
Own Op: 01  
Sub Type: E  
Owner Name: Not reported  
Owner Company: MICHAEL ADAMOWICZ III  
Owner Address: 1 ADAMS BLVD.  
Owner Addr2: Not reported  
Owner City,St,Zip: E. FARMINGDALE, NY 11735  
Owner Country: United States of America  
Own Op: 04  
Sub Type: E  
Owner Name: Not reported  
Owner Company: MICHAEL ADAMOWICZ III  
Owner Address: 1 ADAMS BLVD.  
Owner Addr2: Not reported  
Owner City,St,Zip: E. FARMINGDALE, NY 11735  
Owner Country: United States of America  
Own Op: 01  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: One Adams Boulevard Realty Corporation

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NATIONAL HEATSET PRINTING CO. (Continued)**

**S106780919**

Owner Address: 1 Adams Boulevard  
Owner Addr2: Not reported  
Owner City,St,Zip: Farmingdale, NY 11735  
Owner Country: United States of America  
Own Op: 04  
Sub Type: NNN  
Owner Name: Not reported  
Owner Company: National Heatset Printing Company  
Owner Address: 1 Adams Boulevard  
Owner Addr2: Not reported  
Owner City,St,Zip: Farmingdale, NY 11735  
Owner Country: United States of America  
HW Code: 152140  
Waste Type: TETRACHLOROETHYLENE (PCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152140  
Waste Type: 1,1,1 TCA  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152140  
Waste Type: DICHLOROETHYLENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: 152140  
Waste Type: TRICHLOROETHENE (TCE)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Crossref ID: NYD101199693  
Cross Ref Type Code: 05  
Cross Ref Type: EPA Site ID  
Record Added Date: 11/18/99  
Record Updated: 05/10/01  
Updated By: REGTRANS

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BABYLON	1007759383	E FARMINGDALE FIRE CO SPILL 90-068	930 CONKLIN ST	11735	FINDS
EAST FARMINGDALE	S102094340	LILCO	RTE 110 SO.OF CONKLIN	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S102099362	RYDER TRUCK CO	RTE 110	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S104784237	UNK	ALLEN BLVD / RTE 110	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	U003961325	JP MORGAN CHASE BANK	1745 BROADHOLLOW RD	11735	UST
EAST FARMINGDALE	S102094772	LILCO	CENTRAL HIGHWAY	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S102090369	REPUBLIC AIRPORT	CONKLIN STREET	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S104499079	UNK	CONKLIN STREET / VOGELWAY	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S104645851		CONKLIN ST/VOGEL WAY	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S106012302		N/O CONKLIN ST/SB RTE 110	11735	NY Spills
EAST FARMINGDALE	S106736175	7 UN SUBSTATION	FULTON / ROUTE 109	11735	NY Spills
EAST FARMINGDALE	S102094516	LILCO	NEW HIGHWAY POLE #42	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S103566378	BEECHCRAFT	NEW HIGHWAY HANGER D	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S103566379	BEECHCRAFT	NEW HIGHWAY HANGER B	11735	NY Spills, NY Hist Spills
EAST FARMINGDALE	S103566530	NYS DOT/BEECHCRAFT	NEW HIGHWAY	11735	NY Spills, NY Hist Spills
FARMINGDALE	S103565666	ROLLI RETREAD INC	1010 RTE 109		NY Spills, NY Hist Spills
FARMINGDALE	S102139109	TAONIC PLATING COMPANY	RTE 109 / 33 PATLER ST		NY Spills, NY Hist Spills
FARMINGDALE	S106125812	7 UM SOUTH FARMINGDALE SU	ROUTE 109/HOWARD STREET		NY Spills
FARMINGDALE	S107409172	REPUBLIC AIRPORT	RTE 109/RTE 110		NY Spills
FARMINGDALE	U003960585	SUNY FARMINGDALE AGRIC & TECH SCHO	RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	1006305045	ELECTRONIC HARDWARE CORP	320 RTE 110 BROAD HOLLOW RD	11735	AST
FARMINGDALE	U003842650	SUNY FARMINGDALE/OSI PHARMACEUTICAL	RTE 110	11735	UST, AST
FARMINGDALE	U003960607	LA FITNESS	2110 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960657	120-130 BROAD HOLLOW LLC	120 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960761	ANGELO J SBROCCHI	2040 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960789	BUSY BEE OIL CO	701 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960823	COMPUTER ASSOCIATES	RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960874	STAT TRUCK & TRAILER IND-OOB-	1907 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960875	MICROAGE COMPUTER	1999 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960887	MOBIL S/S #17-MJX	2351 RTE 110 BROAD HOLLOW RD	11735	UST
FARMINGDALE	U003960975	MOBIL S/S #17-JD6	1127 RTE 110 BROADWAY	11735	UST
FARMINGDALE	S103558098	FAA	RTE 110		LTANKS, HIST LTANKS
FARMINGDALE	S103564534	LITTLE JOSEPH REALTY	ROUTE 110 RALLY S/S		NY Spills, NY Hist Spills
FARMINGDALE	S106867015	VACANT LOT	ROUTE 110		NY Spills
FARMINGDALE	S107521091	VACANT LOT	RTE 110		NY Spills
FARMINGDALE	S103566562	OLD SCHOOL	ROUTE 110 / RUTLAND		NY Spills, NY Hist Spills
FARMINGDALE	U003534480	ST CHARLES CEMETARY	CONKLIN ST	11735	AST
FARMINGDALE	U003535352	C I REALTY CORP	855 A CONKLIN ST	11735	AST
FARMINGDALE	U003843249	ST CHARLES CEMETARY	CONKLIN ST	11735	UST
FARMINGDALE	U003960603	AIRCRAFT FINISHING CORP	1135 CONKLIN ST	11735	UST
FARMINGDALE	U003960735	C I REALTY CORP	855 A CONKLIN ST	11735	UST
FARMINGDALE	S103565538	NYS DOT/ REPUBLIC AIRPORT	CONKLIN STREET		NY Spills, NY Hist Spills
FARMINGDALE	S104783657	UNK	CONKLIN STREET		NY Spills, NY Hist Spills

# 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.

## **FEDERAL RECORDS**

### **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: 01/25/2007	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/30/2007
	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: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 02/23/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **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: 12/28/2006	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **NPL RECOVERY:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/26/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: No Update Planned

### **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: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/21/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

### **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: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007	Source: EPA
Date Data Arrived at EDR: 01/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

### **RCRA:** Resource Conservation and Recovery Act Information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 02/27/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

### **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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/24/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Annually

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/17/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

### **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: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	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: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

### **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

### **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/29/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-566-2777
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 03/12/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Semi-Annually

### **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: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 02/06/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/23/2007
	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: 01/10/2007	Source: EPA
Date Data Arrived at EDR: 01/24/2007	Telephone: 703-416-0223
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/27/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/20/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Varies

### **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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### **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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 03/20/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Annually

### **TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 03/19/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/18/2007
	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: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 03/19/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

### **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2007	Telephone: 202-564-5088
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 01/15/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/16/2007
	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: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/26/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Varies

### **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: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/29/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 06/25/2007
	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 43

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/07/2007  
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: 01/11/2007  
Date Data Arrived at EDR: 01/26/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 32

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

### **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: 11/15/2006  
Date Data Arrived at EDR: 12/28/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/28/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Semi-Annually

### **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: 01/18/2007  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 35

Source: EPA  
Telephone: N/A  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
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: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: No Update Planned

### **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/06/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

### HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003  
Date Data Arrived at EDR: 10/20/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 518-402-9564  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: No Update Planned

### SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 01/22/2007  
Number of Days to Update: 39

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

### DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/04/2006  
Date Data Arrived at EDR: 09/14/2006  
Date Made Active in Reports: 10/16/2006  
Number of Days to Update: 32

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

### SWF/LF: Facility Register

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: 01/30/2007  
Date Data Arrived at EDR: 01/30/2007  
Date Made Active in Reports: 03/20/2007  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-457-2051  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Semi-Annually

### SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 02/12/2007  
Date Data Arrived at EDR: 02/12/2007  
Date Made Active in Reports: 03/20/2007  
Number of Days to Update: 36

Source: Department of Environmental Conservation  
Telephone: 518-402-8705  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **SWTIRE:** Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006  
Date Data Arrived at EDR: 11/15/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8694  
Last EDR Contact: 02/16/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Annually

### **LTANKS:** Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 01/17/2007  
Date Data Arrived at EDR: 01/24/2007  
Date Made Active in Reports: 03/20/2007  
Number of Days to Update: 55

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 01/24/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: Varies

### **HIST LTANKS:** Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 07/08/2005  
Date Made Active in Reports: 07/14/2005  
Number of Days to Update: 6

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 07/07/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **UST:** Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/22/2006  
Date Data Arrived at EDR: 01/24/2007  
Date Made Active in Reports: 03/02/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: No Update Planned

### **CBS UST:** Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 10/24/2005  
Next Scheduled EDR Contact: 01/23/2006  
Data Release Frequency: No Update Planned

### **MOSF UST:** Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **HIST UST:** Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 06/02/2006  
Date Made Active in Reports: 07/20/2006  
Number of Days to Update: 48

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: Varies

### **AST:** Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/22/2006  
Date Data Arrived at EDR: 01/24/2007  
Date Made Active in Reports: 03/02/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: No Update Planned

### **CBS AST:** Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

### **HIST AST:** Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 06/02/2006  
Date Made Active in Reports: 07/20/2006  
Number of Days to Update: 48

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 10/23/2006  
Next Scheduled EDR Contact: 01/22/2007  
Data Release Frequency: No Update Planned

### **MOSF AST:** Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

### **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: 10/26/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/05/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **SPILLS:** Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 01/17/2007

Date Data Arrived at EDR: 01/24/2007

Date Made Active in Reports: 03/20/2007

Number of Days to Update: 55

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Last EDR Contact: 01/24/2007

Next Scheduled EDR Contact: 04/23/2007

Data Release Frequency: Varies

### **HIST SPILLS:** SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002

Date Data Arrived at EDR: 07/08/2005

Date Made Active in Reports: 07/14/2005

Number of Days to Update: 6

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Last EDR Contact: 07/07/2005

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### **ENG CONTROLS:** Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 12/01/2006

Date Data Arrived at EDR: 12/14/2006

Date Made Active in Reports: 01/22/2007

Number of Days to Update: 39

Source: Department of Environmental Conservation

Telephone: 518-402-9553

Last EDR Contact: 03/15/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Quarterly

### **INST CONTROL:** Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 12/01/2006

Date Data Arrived at EDR: 12/14/2006

Date Made Active in Reports: 01/22/2007

Number of Days to Update: 39

Source: Department of Environmental Conservation

Telephone: 518-402-9553

Last EDR Contact: 03/15/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Quarterly

### **VCP:** Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 12/01/2006

Date Data Arrived at EDR: 12/14/2006

Date Made Active in Reports: 01/22/2007

Number of Days to Update: 39

Source: Department of Environmental Conservation

Telephone: 518-402-9711

Last EDR Contact: 03/15/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Semi-Annually

### **DRYCLEANERS:** Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/15/2004

Date Data Arrived at EDR: 06/15/2004

Date Made Active in Reports: 07/29/2004

Number of Days to Update: 44

Source: Department of Environmental Conservation

Telephone: 518-402-8403

Last EDR Contact: 05/21/2004

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **BROWNFIELDS:** Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/14/2006  
Date Made Active in Reports: 01/22/2007  
Number of Days to Update: 39

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Semi-Annually

### **SPDES:** State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 02/28/2007  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 03/20/2007  
Number of Days to Update: 19

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: No Update Planned

### **AIRS:** Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2002  
Date Data Arrived at EDR: 09/13/2004  
Date Made Active in Reports: 10/18/2004  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 518-402-8452  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Annually

### **TRIBAL RECORDS**

#### **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: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 02/08/2007  
Next Scheduled EDR Contact: 05/07/2007  
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: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

#### **INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006  
Date Data Arrived at EDR: 09/11/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 58

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/21/2007
	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: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	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: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6271
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/21/2007
	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: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	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: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006	Source: EPA Region 9
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3368
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

## INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6137
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

## INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

## INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## COUNTY RECORDS

### **CORTLAND COUNTY:**

#### **Cortland County Storage Tank Listing**

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 01/08/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 22

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Quarterly

#### **Cortland County Storage Tank Listing**

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 01/08/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 22

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Quarterly

### **NASSAU COUNTY:**

#### **Registered Tank Database**

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003  
Date Data Arrived at EDR: 05/27/2003  
Date Made Active in Reports: 06/09/2003  
Number of Days to Update: 13

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 01/30/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: No Update Planned

#### **Storage Tank Database**

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/04/2007  
Date Data Arrived at EDR: 02/07/2007  
Date Made Active in Reports: 03/26/2007  
Number of Days to Update: 47

Source: Nassau County Office of the Fire Marshal  
Telephone: 516-572-1000  
Last EDR Contact: 02/05/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Varies

#### **Registered Tank Database**

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003  
Date Data Arrived at EDR: 05/27/2003  
Date Made Active in Reports: 06/09/2003  
Number of Days to Update: 13

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 01/30/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: No Update Planned

#### **Storage Tank Database**

A listing of underground storage tank sites located in Nassau County.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2007  
Date Data Arrived at EDR: 02/07/2007  
Date Made Active in Reports: 03/23/2007  
Number of Days to Update: 44

Source: Nassau County Office of the Fire Marshal  
Telephone: 516-572-1000  
Last EDR Contact: 02/05/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Varies

### ROCKLAND COUNTY:

#### Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 01/22/2007  
Date Data Arrived at EDR: 02/13/2007  
Date Made Active in Reports: 03/26/2007  
Number of Days to Update: 41

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

#### Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 01/22/2007  
Date Data Arrived at EDR: 02/13/2007  
Date Made Active in Reports: 03/23/2007  
Number of Days to Update: 38

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Quarterly

### SUFFOLK COUNTY:

#### Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 01/11/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 27

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Annually

#### Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 01/11/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 27

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Annually

### WESTCHESTER COUNTY:

#### Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005  
Date Data Arrived at EDR: 05/31/2005  
Date Made Active in Reports: 06/30/2005  
Number of Days to Update: 30

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/05/2005  
Date Data Arrived at EDR: 05/31/2005  
Date Made Active in Reports: 06/30/2005  
Number of Days to Update: 30

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
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.

### **CT MANIFEST:** Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 03/16/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 01/01/2007  
Date Data Arrived at EDR: 01/04/2007  
Date Made Active in Reports: 02/13/2007  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/05/2007  
Next Scheduled EDR Contact: 07/02/2007  
Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 03/12/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

### **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 12/18/2006  
Number of Days to Update: 48

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/18/2007  
Data Release Frequency: Annually

### **VT MANIFEST:** Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 06/29/2006  
Date Made Active in Reports: 07/31/2006  
Number of Days to Update: 32

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 02/20/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 03/17/2006

Date Made Active in Reports: 05/02/2006

Number of Days to Update: 46

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 04/09/2007

Next Scheduled EDR Contact: 07/09/2007

Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**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: Day Care Providers**

Source: Department of Health

Telephone: 212-676-2444

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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 and 2005 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Freshwater Wetlands**

Source: Department of Environmental Conservation

Telephone: 518-402-8961

### **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.

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PINELWN/ FARMINGDALE HORTONSPHERE  
BROAD HOLLOW ROAD/ CONKLIN STREET  
FARMINGDALE, NY 11735

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.73970 - 40° 44' 22.9"
Longitude (West):	73.4227 - 73° 25' 21.7"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	633179.9
UTM Y (Meters):	4510847.0
Elevation:	72 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	40073-F4 AMITYVILLE, NY
Most Recent Revision:	1994
North Map:	40073-G4 HUNTINGTON, NY
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

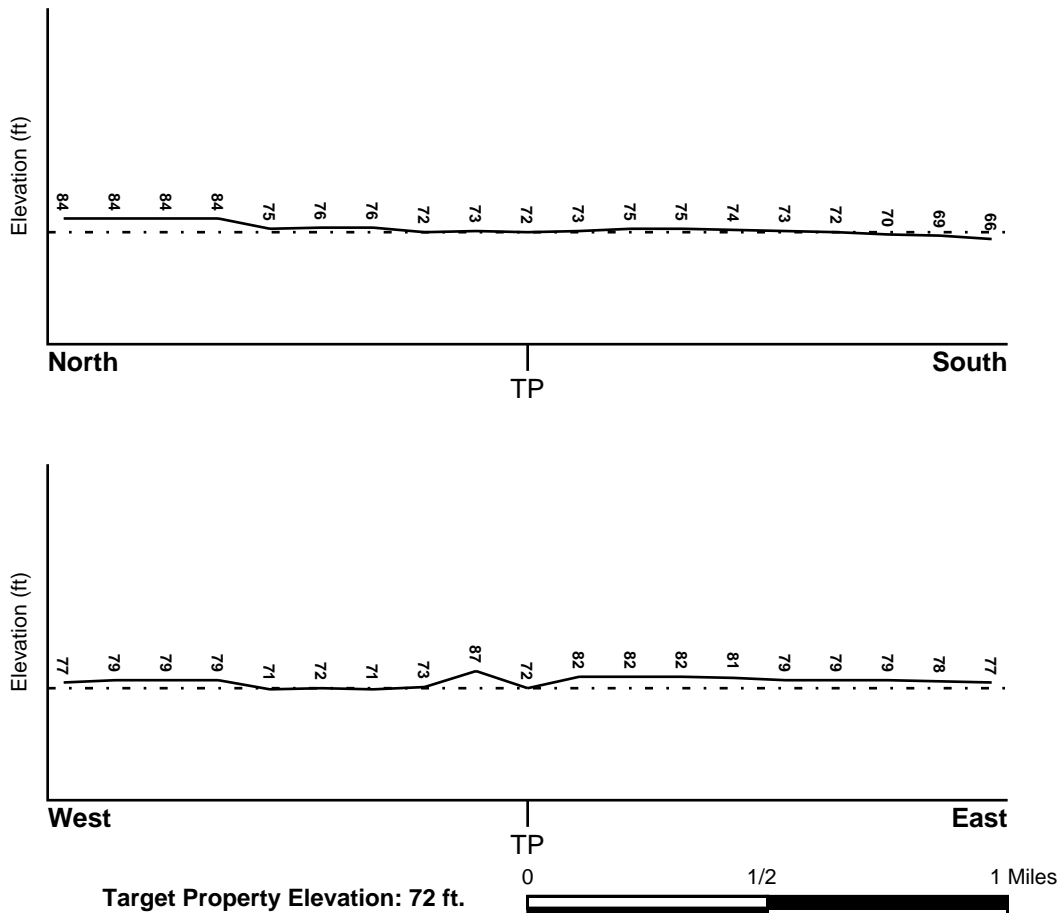
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

Target Property County  
SUFFOLK, NY

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 36103C0835G

Additional Panels in search area: 36103C0620G  
36103C0830G  
36059C0252F

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
AMITYVILLE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile ENE
Site Name:	Fairchild Republic
Site EPA ID Number:	NYD000512467
Groundwater Flow Direction:	South
Inferred Depth to Water:	25 feet.
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifers underlying the site.
Sole Source Aquifer:	A sole source aquifer is present at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

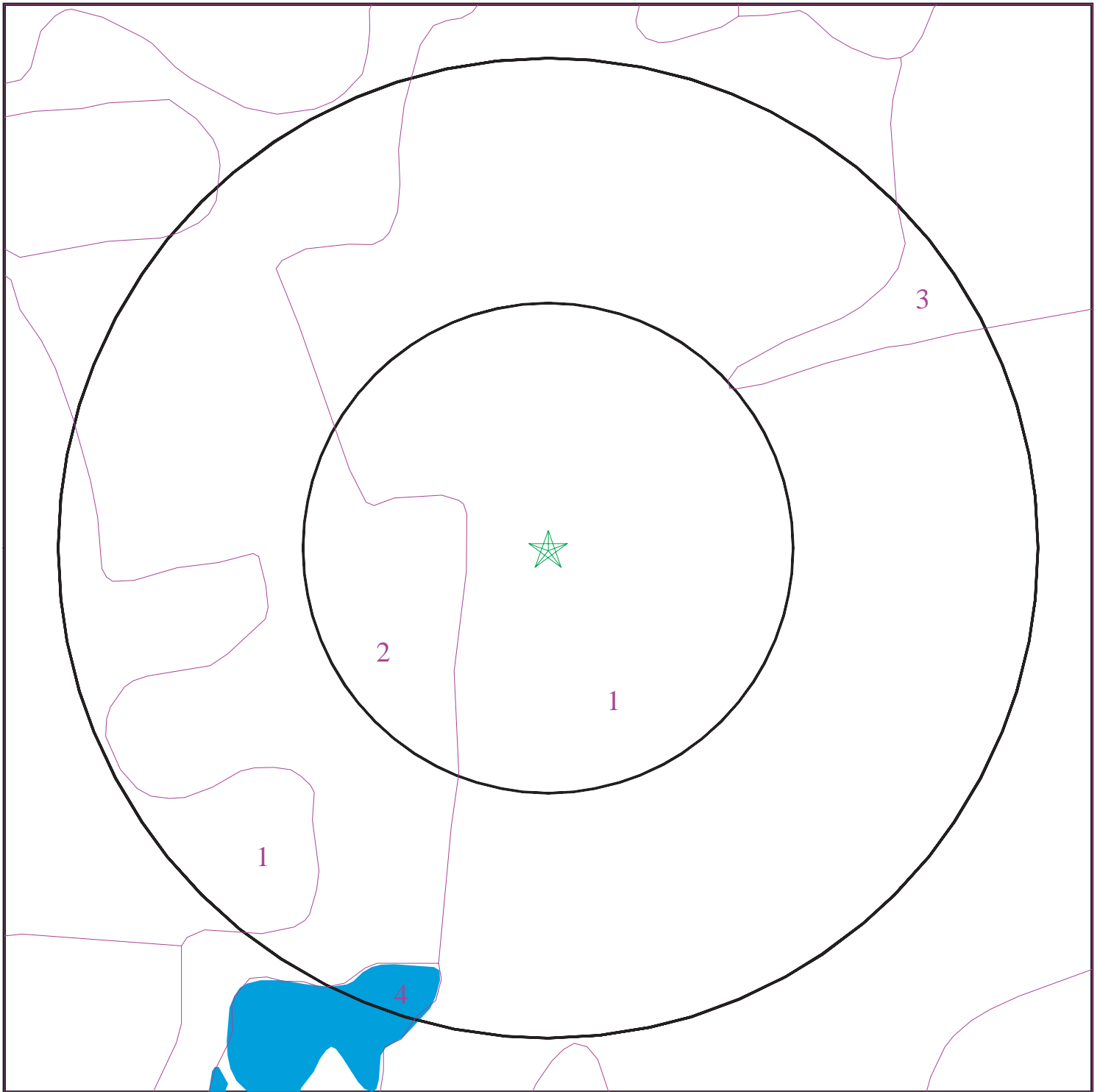
Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 1898596.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Pinelwn/ Farmingdale Hortonsphere  
ADDRESS: Broad Hollow Road/ Conklin Street  
Farmingdale NY 11735  
LAT/LONG: 40.7397 / 73.4227

CLIENT: GEI Consultants Inc.  
CONTACT: Lynn Willey  
INQUIRY #: 1898596.2s  
DATE: April 09, 2007 5:45 pm

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

#### **Soil Map ID: 1**

Soil Component Name: URBAN LAND

Soil Surface Texture: Not reported

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil has not been ranked with a hydric criteria.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

---

#### **Soil Map ID: 2**

Soil Component Name: CUT AND FILL LAND

Soil Surface Texture: Not reported

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 80 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

---

### Soil Map ID: 3

Soil Component Name: GRAVEL PITS

Soil Surface Texture: Not reported

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil has not been ranked with a hydric criteria.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

---

### Soil Map ID: 4

Soil Component Name: WATER

Soil Surface Texture: Not reported

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil has not been ranked with a hydric criteria.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2116845	1/8 - 1/4 Mile West
2	USGS2116919	1/8 - 1/4 Mile SSE
3	USGS2116853	1/4 - 1/2 Mile East
6	USGS2116882	1/4 - 1/2 Mile WSW
A7	USGS2116446	1/4 - 1/2 Mile NNE
A8	USGS2116445	1/4 - 1/2 Mile NNE
A9	USGS2116460	1/4 - 1/2 Mile NNE
10	USGS2117087	1/4 - 1/2 Mile SSW
B11	USGS2116541	1/2 - 1 Mile ENE
B12	USGS2116536	1/2 - 1 Mile ENE
B13	USGS2116540	1/2 - 1 Mile ENE
B14	USGS2116537	1/2 - 1 Mile ENE
B15	USGS2116539	1/2 - 1 Mile ENE
B16	USGS2116538	1/2 - 1 Mile ENE
17	USGS2117201	1/2 - 1 Mile South
C18	USGS2116377	1/2 - 1 Mile North
20	USGS2116219	1/2 - 1 Mile North
D21	USGS2116697	1/2 - 1 Mile WNW
D22	USGS2116731	1/2 - 1 Mile WNW
D23	USGS2116732	1/2 - 1 Mile WNW
D24	USGS2116698	1/2 - 1 Mile WNW
25	USGS2116378	1/2 - 1 Mile NW
E26	USGS2117064	1/2 - 1 Mile WSW
E27	USGS2116883	1/2 - 1 Mile WSW
E28	USGS2117070	1/2 - 1 Mile WSW
E29	USGS2117069	1/2 - 1 Mile WSW
E30	USGS2117067	1/2 - 1 Mile WSW
E31	USGS2117068	1/2 - 1 Mile WSW
E32	USGS2117066	1/2 - 1 Mile WSW
E33	USGS2116884	1/2 - 1 Mile WSW
E34	USGS2117065	1/2 - 1 Mile WSW
E35	USGS2117053	1/2 - 1 Mile WSW
36	USGS2116253	1/2 - 1 Mile North
37	USGS2116234	1/2 - 1 Mile NNW
38	USGS2116829	1/2 - 1 Mile West
39	USGS2117534	1/2 - 1 Mile South



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F40	USGS2116651	1/2 - 1 Mile West
F41	USGS2116650	1/2 - 1 Mile West
G42	USGS2117467	1/2 - 1 Mile SW
G43	USGS2117466	1/2 - 1 Mile SW
G44	USGS2117476	1/2 - 1 Mile SW

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

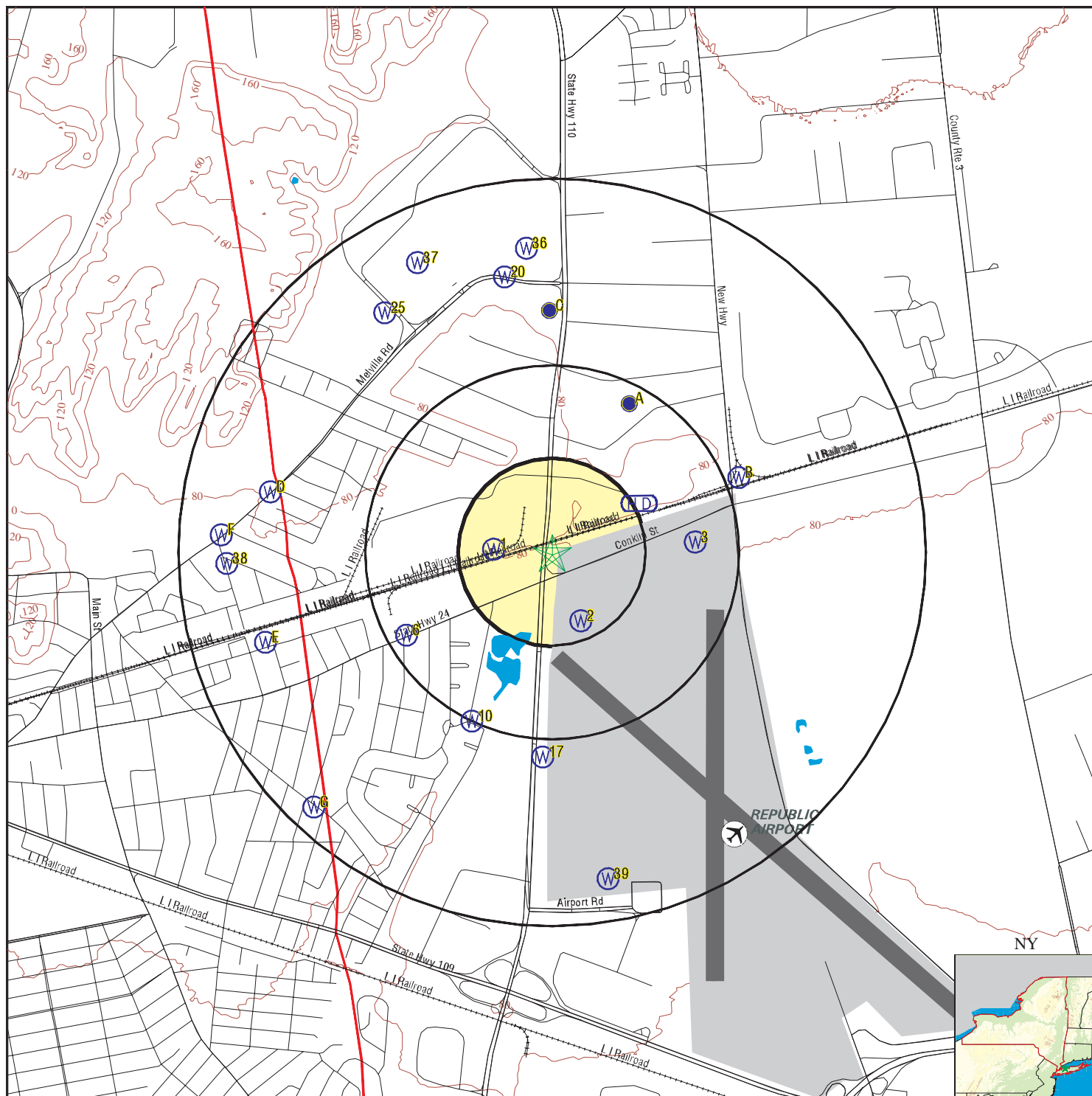
MAP ID	WELL ID	LOCATION FROM TP
A5	NY0003701	1/4 - 1/2 Mile NNE

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	NYWS006253	1/4 - 1/2 Mile NNE
C19	NYWS006245	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 1898596.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

0 1/4 1/2 1 Miles

SITE NAME: Pinelwn/ Farmingdale Hortonsphere  
 ADDRESS: Broad Hollow Road/ Conklin Street  
 Farmingdale NY 11735  
 LAT/LONG: 40.7397 / 73.4227

CLIENT: GEI Consultants Inc.  
 CONTACT: Lynn Willey  
 INQUIRY #: 1898596.2s  
 DATE: April 09, 2007 5:45 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**

**West**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS USGS2116845**

Agency cd:	USGS	Site no:	404423073253401
Site name:	S 3504. 1		
Latitude:	404423		
Longitude:	0732534	Dec lat:	40.73982168
Dec lon:	-73.42567805	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 275 4	Map scale:	Not Reported
Altitude:	80.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	75.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**

**SSE**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS USGS2116919**

Agency cd:	USGS	Site no:	404413073251801
Site name:	S 28211. 1		
Latitude:	404413		
Longitude:	0732518	Dec lat:	40.73704392
Dec lon:	-73.4212335	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 287 4	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	75.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	576.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

### 3 East 1/4 - 1/2 Mile Higher

**FED USGS      USGS2116853**

Agency cd:	USGS	Site no:	404424073245701
Site name:	S 9067. 1		
Latitude:	404424		
Longitude:	0732457	Dec lat:	40.74009939
Dec lon:	-73.41539995	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 307 4	Map scale:	Not Reported
Altitude:	85.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	300.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
Water quality data end date: Not Reported  
Ground water data begin date: Not Reported  
Ground water data count: Not Reported

Water quality data begin date: Not Reported  
Water quality data count: Not Reported  
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

### A4 NNE 1/4 - 1/2 Mile Higher

NY WELLS NYWS006253

Well Id: NY5103701  
System Id: 002  
Type: WL  
County: SUFFOLK COUNTY  
Longitude: 732507 000  
Agency: VEILSON, GEORGE  
Address: 72 GAZZA BLVD  
City/State/Zip: EAST FARMINGDALE NY 11735  
Phone: Not Reported

System name: EAST FARMINGDALE WD  
Well name: WELL#2-2 S-20042 585'  
Active?: A  
Latitude: 404442 000  
Slec\_type\_: AC

### A5 NNE 1/4 - 1/2 Mile Higher

FRDS PWS NY0003701

PWS ID: NY0003701 PWS Status: Active  
Date Initiated: Not Reported Date Deactivated: Not Reported  
PWS Name: EAST FARMINGDALE WD  
200 EAST SUNRISE HIGHWAY  
EASTFARMINGDALE, NY 11735

Addressee / Facility: System Owner/Responsible Party  
FERARI JOHN  
TOWN OF BABYLON TOWN HALL  
72 GAZZA BLVD.  
EAST FARMINGDALE, NY 11735

Facility Latitude: 40 44 57 Facility Longitude: 073 25 24  
Facility Latitude: 40 44 42 Facility Longitude: 073 25 07  
City Served: BABYLON (T)  
Treatment Class: Not Reported Population: Not Reported

Violations information not reported.

### 6 WSW 1/4 - 1/2 Mile Higher

FED USGS USGS2116882

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404411073255001
Site name:	S 18449. 1		
Latitude:	404411		
Longitude:	0732550	Dec lat:	40.73648843
Dec lon:	-73.43012268	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 257 4	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1971-12-09
Water quality data end date:	1973-08-17	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**A7**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS2116446**

Agency cd:	USGS	Site no:	404444073251102
Site name:	S 20042. 1		
Latitude:	404444		
Longitude:	0732511	Dec lat:	40.74565487
Dec lon:	-73.4192889	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 303 4	Map scale:	Not Reported
Altitude:	85.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	585.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A8**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS2116445**

Agency cd:	USGS	Site no:	404444073251101
Site name:	S 20041. 1		
Latitude:	404444		
Longitude:	0732511	Dec lat:	40.74565487
Dec lon:	-73.4192889	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 303 4	Map scale:	Not Reported
Altitude:	80.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	268.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A9**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS USGS2116460**

Agency cd:	USGS	Site no:	404445073250801
Site name:	S 22003. 1		
Latitude:	404445		
Longitude:	0732508	Dec lat:	40.74593264
Dec lon:	-73.41845554	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 303	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**10**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS2117087**

Agency cd:	USGS	Site no:	404359073253801
Site name:	S 17325. 1		
Latitude:	404359		
Longitude:	0732538	Dec lat:	40.73315513
Dec lon:	-73.42678927	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 258 4	Map scale:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19590311
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	45.	Hole depth:	45.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1971-12-09
Water quality data end date:	1973-08-27	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**B11**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2116541**

Agency cd:	USGS	Site no:	404433073244906
Site name:	S 87041. 1		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4	Map scale:	Not Reported
Altitude:	86.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870610
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	LLOYD AQUIFER		
Well depth:	983.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 1994-08-29  
 Ground water data begin date: 1987-06-30  
 Ground water data count: 133

Water quality data begin date: 1987-06-12  
 Water quality data count: 6  
 Ground water data end date: 2001-03-19

Ground-water levels, Number of Measurements: 133

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-03-19		26.90	2000-11-29		24.81
2000-10-25		24.92	2000-09-29		24.70
2000-08-31		24.63	2000-05-23		26.64
2000-04-27		26.88	2000-03-31		26.62
2000-02-23		26.18	2000-01-04		26.24
1999-10-25		25.10	1999-09-29		24.66
1999-08-25		24.18	1999-07-22		25.27
1999-06-22		26.55	1999-05-27		27.62
1999-04-21		27.94	1999-03-30		27.84
1999-02-17		27.86	1999-01-28		27.30
1998-12-18		27.17	1998-11-18		26.54
1998-10-20		26.21	1998-09-24		25.65
1998-08-27		25.81	1998-07-24		26.82
1998-06-25		27.23	1998-05-19		27.49
1998-04-22		27.23	1998-03-16		26.97
1998-01-06		26.16	1997-12-02		26.01
1997-10-29		25.48	1997-09-17		25.27
1997-08-27		25.17	1997-07-16		25.77
1997-06-16		26.59	1997-05-19		26.80
1997-03-10		26.17	1997-02-19		25.95
1997-01-23		25.75	1997-01-02		25.80
1996-09-25		24.63	1996-06-25		25.02
1996-01-18		24.70	1995-11-28		24.45
1995-09-19		23.53	1995-07-21		25.20
1995-05-18		26.59	1995-03-22		26.82
1995-01-18		26.00	1994-12-14		25.66
1994-10-25		25.27	1994-09-26		24.99
1994-08-26		24.96	1994-07-20		25.14
1994-06-17		26.23	1994-05-24		26.76
1994-04-20		26.61	1994-03-30		26.48
1994-03-23		26.63	1994-02-28		26.49
1994-01-31		26.63	1993-12-22		26.74
1993-11-23		25.88	1993-10-25		25.63
1993-09-24		25.08	1993-08-30		24.90
1993-07-20		26.74	1993-06-17		26.58
1993-05-17		27.38	1993-04-30		27.42
1993-03-25		27.25	1993-03-01		27.16
1993-01-29		27.12	1992-12-30		26.79
1992-11-18		26.33	1992-10-20		26.05
1992-09-22		26.18	1992-08-31		26.40
1992-07-14		26.88	1992-06-29		27.10
1992-05-11		27.84	1992-04-13		27.85
1992-03-16		28.05	1992-02-19		28.16
1992-01-27		27.74	1991-12-20		27.34
1991-11-13		27.36	1991-10-21		26.74
1991-09-16		26.49	1991-08-22		26.67
1991-07-19		25.85	1991-06-21		27.80
1991-05-23		28.36	1991-04-25		28.61
1991-03-20		28.63	1991-02-28		28.12
1991-01-29		28.01	1990-12-26		27.60

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-11-13		27.26	1990-10-16		26.78
1990-09-17		26.64	1990-08-16		26.46
1990-08-16		26.46	1990-07-16		26.83
1990-06-13		27.25	1990-05-14		27.37
1990-04-19		26.89	1990-03-27		26.76
1990-03-01		26.61	1990-02-28		26.64
1990-01-29		26.46	1989-12-26		26.37
1989-11-27		25.76	1989-10-23		25.05
1989-09-25		24.57	1989-08-23		24.67
1989-07-25		24.58	1989-05-22		24.73
1988-08-22		22.84	1988-07-22		23.55
1988-06-20		24.59	1988-05-23		25.22
1988-04-25		25.38	1988-03-24		25.13
1988-02-25		26.52	1988-01-25		25.09
1987-11-25		24.34	1987-10-15		23.69
1987-08-13		24.06	1987-07-16		24.36
1987-06-30		24.54			

**B12**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116536**

Agency cd:	USGS	Site no:	404433073244901
Site name:	S 75034. 1		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4 99	Map scale:	Not Reported
Altitude:	86.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	698.	Hole depth:	840.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1992-11-18	Ground water data end date:	1992-11-18
Ground water data count:	1		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1992-11-18		52.68

**B13**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116540**

Agency cd:	USGS	Site no:	404433073244905
Site name:	S 75033. 1		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4 99	Map scale:	Not Reported
Altitude:	86.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	62.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1990-03-13
Water quality data end date:	1998-06-11	Water quality data count:	6
Ground water data begin date:	1984-04-02	Ground water data end date:	1999-04-21
Ground water data count:	140		

Ground-water levels, Number of Measurements: 140

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-04-21		55.90	1999-03-23		55.51
1999-02-17		55.19	1999-01-28		54.73
1998-12-18		53.89	1998-11-18		54.61
1998-10-20		55.47	1998-09-24		56.07
1998-08-27		56.66	1998-07-24		57.97
1998-06-25		58.74	1998-05-19		58.14
1998-04-22		56.65	1998-03-16		56.13
1998-01-06		52.20	1997-12-02		52.13
1997-10-29		52.25	1997-09-17		53.24
1997-08-27		53.64	1997-07-16		54.05
1997-06-16		56.00	1997-05-19		55.34

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-10		54.24	1997-02-19		54.21
1997-01-23		53.99	1997-01-02		54.26
1996-09-25		51.84	1996-06-25		52.59
1996-03-12		50.91	1996-01-18		49.47
1995-11-28		49.75	1995-09-19		49.46
1995-07-21		50.46	1995-05-18		51.37
1995-03-22		51.74	1995-01-18		51.87
1994-12-14		51.99	1994-10-25		52.49
1994-08-26		53.35	1994-07-20		53.66
1994-06-17		54.76	1994-05-24		55.40
1994-04-20		56.46	1994-03-30		55.04
1994-03-23		54.88	1994-02-28		54.03
1994-01-31		53.76	1993-12-22		53.34
1993-11-23		53.19	1993-10-25		53.54
1993-09-24		53.79	1993-08-30		54.19
1993-07-20		55.50	1993-06-17		56.65
1993-05-17		57.45	1993-04-30		57.87
1993-03-25		56.36	1993-03-01		55.74
1993-01-29		55.86	1992-12-30		55.76
1992-11-18		54.48	1992-10-20		54.84
1992-09-22		55.19	1992-08-31		55.43
1992-07-14		54.86	1992-06-29		55.04
1992-05-11		55.32	1992-04-13		55.55
1992-03-16		55.62	1992-02-19		55.89
1992-01-27		56.16	1991-12-20		56.61
1991-11-13		57.00	1991-10-21		57.49
1991-09-16		57.92	1991-08-22		58.18
1991-07-19		57.65	1991-06-21		58.57
1991-05-23		59.13	1991-04-25		59.36
1991-03-20		59.61	1991-02-28		59.31
1991-01-29		59.88	1990-12-26		59.00
1990-11-16		59.57	1990-10-16		58.76
1990-09-17		58.83	1990-08-14		58.16
1990-08-14		58.17	1990-07-16		58.77
1990-06-13		59.24	1990-05-14		58.15
1990-04-19		57.75	1990-03-27		57.54
1990-03-01		57.96	1990-02-28		57.96
1990-01-29		57.77	1989-12-26		58.35
1989-11-27		58.86	1989-10-23		58.42
1989-09-25		58.10	1989-08-23		58.49
1989-07-25		58.56	1989-06-22		56.75
1989-05-22		56.31	1989-04-26		53.97
1989-03-20		52.54	1989-02-28		52.45
1989-01-24		52.42	1988-12-13		52.58
1988-11-22		52.05	1988-10-24		51.81
1988-09-27		51.93	1988-08-22		52.10
1988-07-22		52.38	1988-06-20		52.94
1988-05-23		53.41	1988-04-25		53.37
1988-03-24		53.35	1988-02-25		53.09
1988-01-25		54.41	1987-11-25		52.59
1987-10-15		53.88	1987-08-13		54.15
1987-07-16		54.73	1987-06-30		54.99
1987-06-12		55.36			
1987-06-12		55.35			

Note: A nearby site that taps the same aquifer was being pumped.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-07-01		53.75	1986-06-12		54.23
1986-03-20		55.29	1985-12-12		55.44
1985-09-10		56.01	1985-06-07		57.41
1985-04-12		57.70	1985-03-07		58.09
1984-12-17		59.35	1984-09-11		61.77
1984-06-05		62.19	1984-04-02		60.01

**B14**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116537**

Agency cd:	USGS	Site no:	404433073244902
Site name:	S 75034. 2		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4	Map scale:	Not Reported
Altitude:	86.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	698.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1986-09-10
Water quality data end date:	1997-05-21	Water quality data count:	6
Ground water data begin date:	1984-04-02	Ground water data end date:	2000-03-31
Ground water data count:	134		

Ground-water levels, Number of Measurements: 134

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-03-31		50.85	1999-03-23		54.17
1999-02-17		53.68	1999-01-28		53.22
1998-12-18		52.27	1998-11-18		53.01
1998-10-20		53.78	1998-09-24		54.09
1998-08-27		54.35	1998-07-24		56.32
1998-06-25		56.61	1998-05-19		56.20

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-04-22		55.08	1998-03-16		53.61
1998-01-06		51.13	1997-12-02		50.85
1997-10-29		50.61	1997-09-17		51.26
1997-08-27		51.67	1997-07-16		51.10
1997-06-16		52.60	1997-05-19		53.83
1997-03-10		52.71	1997-02-19		52.82
1997-01-23		52.56	1997-01-02		52.84
1996-09-25		50.29	1996-06-25		51.03
1996-03-12		49.79	1995-11-28		48.46
1995-09-19		47.86	1995-07-21		48.72
1995-05-18		49.86	1995-03-22		50.27
1995-01-18		50.54	1994-12-14		50.67
1994-10-25		50.88	1994-09-26		51.20
1994-08-26		51.68	1994-07-20		51.63
1994-06-17		52.74	1994-05-24		53.45
1994-04-20		53.79	1994-03-30		53.51
1994-03-23		53.40	1994-02-28		52.47
1994-01-31		52.24	1993-12-22		51.88
1993-11-23		51.68	1993-10-25		52.04
1993-09-24		52.21	1993-08-30		52.43
1993-07-20		53.40	1993-06-17		54.30
1993-05-17		55.44	1993-04-30		56.05
1993-03-25		54.85	1993-03-01		54.26
1993-01-29		54.30	1992-12-30		54.30
1992-10-20		53.24	1992-09-22		53.54
1992-08-31		53.94	1992-07-14		53.11
1992-06-29		54.10	1992-05-11		53.84
1992-04-13		54.07	1992-03-16		54.32
1992-02-19		54.58	1992-01-27		54.59
1991-12-20		55.15	1991-11-13		55.54
1991-10-21		55.90	1991-09-16		56.23
1991-08-22		55.82	1991-07-19		55.06
1991-06-21		56.43	1991-05-23		57.06
1991-04-25		57.75	1991-03-20		57.79
1991-02-28		57.04	1991-01-29		58.08
1990-12-26		57.46	1990-11-16		57.98
1990-10-16		57.09	1990-09-17		57.10
1990-08-14		56.37	1990-08-14		56.39
1990-07-16		56.53	1990-06-13		57.03
1990-05-14		56.44	1990-04-19		56.03
1990-03-27		55.71	1990-03-01		56.25
1990-02-28		56.21	1990-01-29		56.13
1989-12-26		56.80	1989-11-27		57.06
1989-10-23		56.78	1989-09-25		56.31
1989-08-23		56.44	1989-07-25		56.43
1989-06-22		56.26	1989-05-22		54.25
1989-04-26		52.32	1988-08-22		50.12
1988-07-22		50.63	1988-06-20		51.07
1988-05-23		51.88	1988-04-25		51.94
1988-03-24		51.89	1988-02-25		51.52
1988-01-25		51.00	1987-11-25		51.08
1987-10-15		51.66	1987-08-13		51.87
1987-07-16		52.52	1987-06-30		52.64
1987-06-12		53.09			
1987-06-12		52.98			

Note: A nearby site that taps the same aquifer was being pumped.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-04-22		53.40	1986-09-18		53.54
1986-09-10		50.51	1986-07-01		51.35
1986-06-12		51.47	1986-03-20		53.32
1985-12-12		53.19	1985-06-07		55.17
1985-04-12		55.82	1985-03-07		56.01
1984-12-17		57.71	1984-09-11		59.19
1984-06-09		59.57	1984-04-02		58.05

**B15**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116539**

Agency cd:	USGS	Site no:	404433073244904
Site name:	S 74587. 1		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4 99	Map scale:	Not Reported
Altitude:	86.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19830728
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	196.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1986-09-11
Water quality data end date:	1994-08-23	Water quality data count:	4
Ground water data begin date:	1984-04-02	Ground water data end date:	2001-03-19
Ground water data count:	140		

Ground-water levels, Number of Measurements: 140

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-03-19		53.18	2000-04-27		51.98
2000-03-31		52.44	1999-03-23		55.44
1998-12-18		53.77	1998-11-18		54.52
1998-10-20		55.35	1998-09-24		55.94
1998-08-27		56.50	1998-07-24		57.74



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-06-25		58.58	1998-05-19		58.02
1998-04-22		56.51	1998-03-16		55.03
1998-01-06		52.14	1997-12-02		52.05
1997-10-29		52.14	1997-09-17		53.09
1997-08-27		53.52	1997-07-16		54.83
1997-06-16		54.82	1997-05-19		55.22
1997-03-10		54.13	1997-02-19		54.11
1997-01-23		54.67	1997-01-02		54.15
1996-09-25		51.75	1996-06-25		52.48
1996-03-12		50.83	1996-01-18		50.40
1995-11-28		49.66	1995-09-19		49.36
1995-07-21		50.33	1995-05-18		51.26
1995-03-22		51.63	1995-01-18		51.78
1994-12-14		51.91	1994-10-25		52.38
1994-09-26		52.70	1994-08-26		53.25
1994-07-20		53.53	1994-06-17		54.62
1994-05-24		55.27	1994-04-20		55.33
1994-03-30		54.95	1994-03-23		54.74
1994-02-28		53.92	1994-01-31		53.68
1993-12-22		53.23	1993-11-23		53.07
1993-10-25		53.44	1993-09-24		53.68
1993-08-30		54.07	1993-07-20		55.35
1993-06-17		56.46	1993-05-17		57.29
1993-04-30		57.75	1993-03-25		56.27
1993-03-01		55.62	1993-01-29		55.74
1992-12-30		55.64	1992-11-18		54.32
1992-10-20		54.71	1992-09-22		55.08
1992-08-31		55.33	1992-07-14		54.73
1992-06-29		54.89	1992-05-11		55.22
1992-04-13		55.42	1992-03-16		55.53
1992-02-19		55.79	1992-01-27		56.05
1991-12-20		56.49	1991-11-13		56.89
1991-10-21		57.39	1991-09-16		57.81
1991-08-22		58.00	1991-07-19		57.46
1991-06-21		58.42	1991-05-23		58.99
1991-04-25		59.26	1991-03-20		59.48
1991-02-28		59.13	1991-01-29		59.73
1990-12-26		58.88	1990-11-13		59.46
1990-10-16		58.65	1990-09-17		58.71
1990-08-14		58.02	1990-07-16		58.61
1990-06-13		59.06	1990-05-14		58.03
1990-04-19		57.63	1990-03-27		57.42
1990-03-01		57.80	1990-02-28		57.83
1990-01-29		57.65	1989-12-26		58.27
1989-11-27		58.72	1989-10-23		58.30
1989-09-25		57.95	1989-08-23		58.34
1989-07-25		58.38	1989-06-22		58.05
1989-05-22		56.42	1989-04-26		53.84
1989-03-20		52.44	1989-02-28		52.36
1989-01-24		52.31	1988-12-13		52.45
1988-11-22		51.98	1988-10-24		51.68
1988-09-27		50.80	1988-08-22		51.96
1988-07-22		52.28	1988-06-20		52.80
1988-05-23		53.32	1988-03-24		53.18
1988-02-25		52.95	1988-01-25		52.30

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-11-25		52.49	1987-10-15		53.72
1987-08-13		53.99	1987-07-16		54.55
1987-06-30		54.82	1987-06-12		55.18
1987-06-12		55.18			
Note: A nearby site that taps the same aquifer was being pumped.					
1986-09-11		51.40	1986-07-01		53.53
1986-06-12		54.03	1986-03-20		55.16
1985-12-12		55.23	1985-09-10		55.86
1985-06-07		57.28	1985-04-12		57.56
1985-03-07		57.94	1984-12-17		59.22
1984-09-11		61.58	1984-06-05		61.94
1984-04-02		59.88			

**B16**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116538**

Agency cd:	USGS	Site no:	404433073244903
Site name:	S 74586. 1		
Latitude:	404433		
Longitude:	0732449	Dec lat:	40.74259933
Dec lon:	-73.41317763	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 316 4 99	Map scale:	Not Reported
Altitude:	86.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19830718
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	441.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1986-09-12
Water quality data end date:	1994-08-24	Water quality data count:	4
Ground water data begin date:	1984-06-05	Ground water data end date:	2001-03-19
Ground water data count:	125		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 125

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-03-19		51.00	2000-11-29		50.67
2000-10-25		50.78	2000-09-29		51.29
2000-08-31		51.07	2000-04-27		51.84
2000-03-31		50.20	1999-03-23		53.20
1998-12-18		51.40	1998-11-18		52.14
1998-10-20		52.93	1998-09-24		53.36
1998-08-27		53.69	1998-07-24		54.74
1998-06-25		55.89	1998-05-19		55.41
1998-03-16		52.70	1996-06-25		51.52
1995-09-19		48.43	1995-07-21		49.31
1995-05-18		50.38	1995-03-22		50.75
1995-01-18		51.03	1994-12-14		51.25
1994-10-25		51.48	1994-09-26		51.79
1994-08-26		52.30	1994-07-20		52.33
1994-06-17		53.41	1994-05-24		54.11
1994-04-20		54.35	1994-03-30		54.05
1994-03-23		54.53	1994-02-28		53.02
1994-01-31		52.79	1993-12-22		52.38
1993-11-23		52.21	1993-10-25		52.61
1993-09-24		52.76	1993-08-30		53.04
1993-07-20		54.14	1993-06-17		55.00
1993-05-17		56.11	1993-04-30		56.67
1993-03-25		55.39	1993-03-01		54.75
1993-01-29		54.82	1992-12-30		54.74
1992-11-18		53.19	1992-10-20		53.79
1992-09-22		54.10	1992-08-31		54.46
1992-07-14		53.67	1992-06-29		53.76
1992-05-11		54.36	1992-04-13		54.57
1992-03-16		54.75	1992-02-19		55.03
1992-01-27		55.13	1991-12-20		55.66
1991-11-13		56.04	1991-10-21		56.46
1991-09-16		56.81	1991-08-22		56.64
1991-07-19		55.85	1991-06-21		57.12
1991-05-23		57.76	1991-04-25		58.31
1991-03-20		58.35	1991-02-28		57.72
1991-01-29		58.67	1990-12-26		58.00
1990-11-16		58.52	1990-10-16		57.70
1990-09-17		57.69	1990-08-14		56.98
1990-07-16		57.22	1990-06-13		57.70
1990-05-14		57.05	1990-04-19		56.63
1990-03-27		56.31	1990-03-01		57.44
1990-02-28		56.80	1990-01-29		56.72
1989-12-26		57.26	1989-11-27		57.66
1989-10-23		57.33	1989-09-25		56.89
1989-08-23		57.01	1989-07-25		57.13
1989-05-22		54.75	1989-04-26		52.86
1989-03-20		51.63	1989-02-28		51.52
1989-01-24		51.50	1988-12-13		51.41
1988-11-22		51.21	1988-10-24		50.58
1988-09-27		50.80	1988-08-22		50.79
1988-07-22		51.22	1988-06-20		51.67
1988-05-23		52.42	1988-03-24		52.35
1988-02-25		52.06	1988-01-25		51.51
1987-11-25		51.60	1987-10-15		52.32
1987-08-13		52.61	1987-07-16		53.23

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-06-30		53.39	1987-06-12		53.82
1987-06-12		53.74			
Note: A nearby site that taps the same aquifer was being pumped.					
1986-09-12		51.07	1986-07-01		51.75
1986-06-12		52.32	1986-03-20		53.97
1985-12-12		53.94	1985-09-10		54.42
1985-06-07		55.95	1985-04-12		56.45
1985-03-07		56.70	1984-12-17		58.26
1984-09-11		60.01	1984-06-05		60.33

17

**South**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117201**

Agency cd:	USGS	Site no:	404354073252501
Site name:	S 16936. 1		
Latitude:	404354		
Longitude:	0732525	Dec lat:	40.73176625
Dec lon:	-73.42317806	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SM 260 4	Map scale:	Not Reported
Altitude:	75.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	211.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C18

**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116377**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404456073252201
Site name:	S 39709. 1		
Latitude:	404456		
Longitude:	0732522	Dec lat:	40.74898817
Dec lon:	-73.42234452	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 292 4	Map scale:	Not Reported
Altitude:	85.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19720420
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	712.	Hole depth:	723.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C19**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**NY WELLS NYWS006245**

Well Id:	NY5103701	System name:	EAST FARMINGDALE WD
System Id:	003	Well name:	WELL#3-1 S-39709 712'
Type:	WL	Active?:	A
County:	SUFFOLK COUNTY	Latitude:	404457 000
Longitude:	732524 000	Slec_type_:	AC
Agency:	VEILSON, GEORGE		
Address:	72 GAZZA BLVD		
City/State/Zip:	EAST FARMINGDALE NY 11735		
Phone:	Not Reported		

**20**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116219**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404501073253201
Site name:	S 12919. 1		
Latitude:	404501		
Longitude:	0732532	Dec lat:	40.75037705
Dec lon:	-73.42512236	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 281 4	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19550406
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	79.	Hole depth:	79.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D21**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116697**

Agency cd:	USGS	Site no:	404429073261701
Site name:	N 1248. 2		
Latitude:	404431		
Longitude:	0732615	Dec lat:	40.74204393
Dec lon:	-73.43706728	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM 916 3	Map scale:	Not Reported
Altitude:	81.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19571017
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N	
Type of ground water site:	Single well, other than collector or Ranney type	
Aquifer Type:	Not Reported	
Aquifer:	GLACIAL AQUIFER,UPPER	
Well depth:	35.	Hole depth: 35.
Source of depth data:	Not Reported	
Project number:	Not Reported	
Real time data flag:	0	Daily flow data begin date: 0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count: 0
Peak flow data begin date:	0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count:	0	Water quality data begin date: 0000-00-00
Water quality data end date:	0000-00-00	Water quality data count: 0
Ground water data begin date:	1957-10-17	Ground water data end date: 1963-09-20
Ground water data count:	12	

Ground-water levels, Number of Measurements: 12

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1963-09-20		59.46	1962-03-22		63.66
1961-12-29		63.26	1961-10-18		63.49
1961-07-18		63.36	1960-12-07		61.30
1960-05-31		60.77	1959-10-22		59.62
1959-05-14		61.52	1958-12-08		61.49
1958-04-30		62.61	1957-10-17		57.99

**D22**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116731**

Agency cd:	USGS	Site no:	404431073261401
Site name:	N 1248. 1		
Latitude:	404431		
Longitude:	0732615	Dec lat:	40.74204393
Dec lon:	-73.43706728	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM 916 3	Map scale:	Not Reported
Altitude:	81.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19380404
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	40.	Hole depth:	40.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1938-06-02  
 Ground water data count: 224

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1981-09-29

Ground-water levels, Number of Measurements: 224

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-09-29		58.14	1981-05-29		59.79
1981-03-12		60.46	1980-12-22		61.36
1980-09-03		63.09	1980-05-30		63.01
1980-03-20		61.71	1979-12-12		61.68
1979-09-12		62.26	1979-06-01		64.54
1956-12-07		60.61	1956-04-17		64.01
1955-12-06		62.92	1955-07-27		59.67
1955-04-07		61.43	1954-09-25		60.79
1954-04-26		61.01	1953-09-24		61.99
1953-03-31		63.21	1952-10-23		61.29
1952-06-19		63.47	1951-11-30		58.70
1951-05-19		60.15	1951-01-02		57.97
1950-09-05		59.36	1950-04-19		59.74
1946-09-25		60.62	1942-09-12		59.85
1942-09-05		59.99	1942-08-29		59.94
1942-08-22		59.66	1942-08-15		59.01
1942-08-08		58.77	1942-08-01		58.60
1942-07-25		58.41	1942-07-18		58.47
1942-07-11		58.58	1942-07-04		58.53
1942-06-27		58.54	1942-06-20		58.56
1942-06-13		58.60	1942-06-06		58.57
1942-05-30		58.68	1942-05-23		58.76
1942-05-16		58.88	1942-05-09		58.95
1942-05-02		59.01	1942-04-25		60.11
1942-04-18		59.34	1942-04-11		59.31
1942-04-04		59.25	1942-03-28		58.88
1942-03-21		58.49	1942-03-14		58.17
1942-03-07		58.07	1942-02-28		58.09
1942-02-21		57.87	1942-02-14		57.65
1942-02-07		57.46	1942-01-31		57.41
1942-01-24		57.50	1942-01-17		57.52
1942-01-10		57.59	1942-01-03		57.67
1941-12-27		57.72	1941-12-20		57.73
1941-12-13		57.75	1941-12-06		57.86
1941-11-29		57.95	1941-11-22		58.05
1941-11-15		58.14	1941-11-08		58.25
1941-11-01		58.36	1941-10-25		58.45
1941-10-18		58.52	1941-10-11		58.70
1941-10-04		58.82	1941-09-27		58.96
1941-09-20		59.07	1941-09-13		59.20
1941-09-06		59.30	1941-08-30		59.37
1941-08-23		59.47	1941-08-16		59.58
1941-08-09		59.71	1941-08-02		59.82
1941-07-26		59.91	1941-07-19		60.02
1941-07-12		60.10	1941-07-05		60.28
1941-06-28		60.26	1941-06-21		60.14
1941-06-14		59.98	1941-06-07		59.93
1941-05-31		60.07	1941-05-24		60.21
1941-05-17		60.31	1941-05-10		60.42
1941-05-03		60.52	1941-04-26		60.59



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-04-19		60.61	1941-04-12		60.49
1941-04-05		60.48	1941-03-29		60.47
1941-03-22		60.37	1941-03-15		60.26
1941-03-08		60.38	1941-03-01		60.51
1941-02-22		60.60	1941-02-15		60.44
1941-02-08		59.83	1941-02-01		59.62
1941-01-25		59.53	1941-01-18		59.48
1941-01-11		59.40	1941-01-04		59.42
1940-12-28		59.44	1940-12-21		59.51
1940-12-14		59.58	1940-12-07		59.65
1940-11-30		59.66	1940-11-23		59.58
1940-11-16		59.56	1940-11-09		59.64
1940-11-02		59.73	1940-10-26		59.85
1940-10-19		59.97	1940-10-12		60.08
1940-10-05		60.16	1940-09-28		60.27
1940-09-21		60.37	1940-09-14		60.48
1940-09-07		60.57	1940-08-31		60.67
1940-08-24		60.78	1940-08-17		60.90
1940-08-10		61.05	1940-08-03		61.21
1940-07-27		61.34	1940-07-20		61.43
1940-07-13		61.54	1940-07-06		61.63
1940-06-29		61.74	1940-06-22		61.81
1940-06-15		61.91	1940-06-08		61.90
1940-06-01		62.11	1940-05-25		62.07
1940-05-18		62.11	1940-05-11		62.24
1940-05-04		62.26	1940-04-27		62.02
1940-04-20		61.62	1940-04-13		61.44
1940-04-06		61.33	1940-03-30		61.31
1940-03-23		61.25	1940-03-16		61.12
1940-03-09		60.80	1940-03-02		60.30
1940-02-24		60.29	1940-02-17		60.35
1940-02-10		60.36	1940-02-03		60.37
1940-01-27		60.49	1940-01-20		60.51
1940-01-13		60.58	1940-01-06		60.71
1939-12-30		60.82	1939-12-23		60.93
1939-12-16		61.08	1939-12-09		61.22
1939-12-02		61.37	1939-11-25		61.42
1939-11-18		61.53	1939-11-11		61.35
1939-11-04		61.22	1939-10-28		61.35
1939-10-21		61.45	1939-10-14		61.57
1939-10-07		61.64	1939-09-30		61.74
1939-09-23		61.89	1939-09-16		62.04
1939-09-12		62.29	1939-09-09		62.22
1939-09-02		62.34	1939-08-26		62.44
1939-08-19		62.63	1939-08-12		62.81
1939-08-05		63.00	1939-07-29		63.24
1939-07-22		63.39	1939-07-15		63.58
1939-07-08		63.76	1939-07-01		63.95
1939-06-24		64.20	1939-06-17		64.31
1939-06-10		64.50	1939-06-03		64.67
1939-05-27		64.83	1939-05-20		64.97
1939-05-13		65.15	1939-05-06		65.28
1939-04-29		65.39	1939-04-22		65.46
1939-04-21		65.59	1939-04-15		65.51
1939-04-08		64.90	1939-04-01		64.62

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-03-25		64.62	1939-03-18		64.07
1939-03-11		63.85	1939-03-04		63.37
1939-02-25		63.20	1939-02-18		63.06
1939-02-11		62.90	1939-02-04		61.99
1939-01-27		61.86	1939-01-20		61.94
1939-01-13		61.98	1939-01-07		61.97
1938-09-29		62.36	1938-06-02		60.16

**D23**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116732**

Agency cd:	USGS	Site no:	404431073261402
Site name:	N 1828. 1		
Latitude:	404431		
Longitude:	0732615	Dec lat:	40.74204393
Dec lon:	-73.43706728	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM 916 3	Map scale:	Not Reported
Altitude:	81.9		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	37.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1942-04-21	Ground water data end date:	1986-01-02
Ground water data count:	1464		

Ground-water levels, Number of Measurements: 1464

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-01-02		56.49	1985-11-07		56.79
1985-08-29		59.17	1985-08-22		57.15
1985-08-20		59.41	1978-11-29		60.44
1978-09-29		61.30	1978-08-03		61.59
1978-05-30		63.81	1978-05-01		63.65

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-03-31		63.95	1978-02-03		64.26
1977-11-15		58.65	1977-08-29		58.03
1977-07-27		58.48	1977-06-21		59.22
1977-03-19		59.09	1976-08-07		61.98
1976-06-19		62.19	1976-05-22		62.86
1976-04-24		63.23	1976-03-20		63.26
1976-02-14		63.49	1976-01-17		62.54
1975-12-06		61.61	1975-11-15		61.49
1975-10-04		61.86	1975-08-30		62.69
1975-06-21		62.90	1975-05-31		61.39
1975-05-03		60.59	1975-03-22		60.29
1975-01-25		59.44	1974-12-29		58.84
1974-10-26		58.84	1974-09-28		59.24
1974-08-31		59.04	1974-07-27		59.59
1974-06-22		60.54	1974-05-25		61.09
1974-04-27		61.49	1974-04-06		61.24
1974-03-02		60.29	1974-01-19		60.14
1973-12-22		59.34	1973-11-16		59.34
1973-10-27		59.59	1973-09-29		60.39
1973-08-25		61.39	1973-07-28		62.14
1973-06-23		62.09	1973-05-26		62.39
1973-05-05		62.54	1973-03-31		61.24
1973-01-20		60.19	1972-12-23		60.09
1972-11-18		58.64	1972-10-28		58.14
1972-09-23		57.79	1972-08-26		58.49
1972-07-22		59.39	1972-06-24		59.14
1972-05-27		58.59	1972-03-25		57.66
1972-03-04		56.93	1972-01-21		56.22
1971-12-18		55.29	1971-11-20		55.38
1971-10-31		55.64	1971-09-25		55.84
1971-08-21		55.85	1971-07-24		56.97
1971-06-12		57.04	1971-05-15		57.41
1971-04-10		57.39	1971-03-13		57.11
1971-02-13		56.54	1970-12-07		56.14
1970-11-07		56.29	1970-09-26		56.94
1970-07-25		57.99	1970-06-20		58.36
1970-05-23		58.59	1970-04-25		58.94
1970-04-04		58.40	1970-01-31		56.59
1970-01-04		55.89	1969-11-29		55.54
1969-10-25		55.74	1969-09-27		55.94
1969-08-29		55.94	1969-07-26		55.94
1969-06-28		56.39	1969-05-24		56.79
1969-04-25		56.39	1969-03-29		55.69
1969-02-21		55.24	1969-01-18		55.59
1968-12-21		55.59	1968-11-23		54.79
1968-10-26		54.49	1968-09-21		54.84
1968-08-17		55.24	1968-07-20		55.84
1968-06-22		56.39	1968-05-25		55.84
1968-04-20		56.29	1968-03-16		55.36
1968-02-17		55.44	1968-01-20		55.29
1967-12-16		54.99	1967-11-18		54.69
1967-10-21		54.92	1967-09-23		55.09
1967-08-19		55.09	1967-07-21		54.99
1967-06-17		54.84	1967-05-20		54.79
1967-04-22		54.04	1967-03-25		53.99

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1967-02-25		52.24	1967-01-20		52.34
1966-12-17		52.49	1966-11-19		52.74
1966-10-21		53.59	1966-09-17		53.14
1966-08-20		53.01	1966-07-23		53.32
1966-06-25		53.86	1966-05-21		54.54
1966-04-23		53.76	1966-03-19		54.44
1966-02-19		54.19	1966-01-18		53.94
1965-12-27		54.22	1965-11-20		54.54
1965-10-02		55.14	1965-09-15		55.29
1965-08-07		55.94	1965-07-10		56.29
1965-06-05		57.24	1965-05-08		57.34
1965-04-10		57.24	1965-03-13		57.44
1965-01-23		56.69	1964-12-19		56.73
1964-11-14		58.79	1964-10-19		57.14
1964-09-12		57.49	1964-08-08		58.34
1964-07-11		58.69	1964-06-13		59.31
1964-05-08		59.99	1964-04-11		59.04
1964-03-07		58.99	1964-02-08		58.74
1964-01-18		58.35	1963-11-15		58.32
1963-10-12		58.24	1963-09-21		58.64
1963-07-29		59.89	1963-04-26		60.47
1963-03-09		61.85	1963-02-02		60.64
1963-01-05		60.56	1962-12-01		61.06
1962-11-01		60.68	1962-09-29		60.07
1962-09-08		61.22	1962-07-28		61.47
1962-07-02		61.97	1962-06-06		62.27
1962-01-20		62.52	1961-10-21		62.81
1961-09-16		62.93	1961-08-09		63.82
1961-06-23		63.47	1961-03-04		62.72
1960-11-19		61.74	1960-09-24		61.36
1960-08-04		60.42	1960-06-25		60.56
1960-06-04		60.93	1960-04-30		61.18
1960-03-19		60.85	1960-02-13		59.97
1960-01-09		59.85	1959-12-05		59.44
1959-10-31		59.70	1959-09-26		60.26
1959-08-29		60.77	1959-07-25		61.09
1959-07-02		60.84	1959-06-27		60.81
1959-06-03		61.35	1959-05-02		61.89
1959-03-27		61.59	1959-02-28		60.85
1959-02-01		61.79	1959-01-08		61.34
1958-11-05		61.87	1958-07-02		62.93
1957-12-19		59.16	1957-11-07		58.02
1957-06-27		59.99	1956-12-18		60.37
1956-11-30		60.51	1956-10-26		60.78
1956-10-03		60.99	1956-08-29		61.73
1956-07-27		62.37	1956-06-27		62.66
1956-06-12		62.97	1956-05-02		63.71
1956-02-29		62.45	1956-01-27		61.59
1955-12-27		62.24	1955-11-09		62.55
1955-09-26		60.91	1955-08-24		61.49
1955-07-28		59.47	1955-07-05		59.94
1955-05-24		60.79	1955-04-27		61.22
1955-03-28		61.17	1955-02-25		60.74
1955-01-24		61.18	1954-12-27		61.03
1954-12-02		60.18	1954-10-25		60.11

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-09-29		60.66	1954-08-23		59.66
1954-07-27		59.79	1954-06-29		60.44
1954-05-25		61.26	1954-04-28		61.06
1954-03-23		60.84	1954-02-25		60.73
1954-01-26		60.94	1953-12-18		61.26
1953-11-25		60.79	1953-10-30		61.00
1953-09-30		61.65	1953-08-24		62.69
1953-08-04		62.87	1953-06-30		63.69
1953-05-29		64.17	1953-04-28		64.52
1953-03-30		63.27	1953-02-25		60.92
1953-02-02		60.69	1952-12-22		60.19
1952-12-01		60.15	1952-11-03		60.76
1952-09-24		61.71	1952-08-27		62.21
1952-07-28		62.31	1952-06-23		63.17
1952-05-28		61.71	1952-04-29		61.20
1952-03-31		61.09	1952-02-25		60.59
1952-02-06		60.24	1951-12-17		58.50
1951-11-27		58.64	1951-10-29		57.99
1951-09-27		58.40	1951-08-27		58.96
1951-07-25		59.36	1951-06-27		59.82
1951-05-28		60.01	1951-04-24		60.39
1951-03-29		59.61	1951-02-26		59.19
1951-01-29		58.14	1950-12-19		57.80
1950-11-30		57.96	1950-10-30		58.37
1950-09-25		58.89	1950-08-29		59.21
1950-07-31		59.03	1950-06-29		59.54
1950-05-31		59.24	1950-05-03		59.36
1950-04-04		59.62	1950-03-01		60.09
1950-01-26		59.08	1949-12-29		59.30
1949-11-30		59.74	1949-10-28		60.32
1949-09-26		60.97	1949-08-29		61.31
1949-07-26		61.84	1949-06-28		62.56
1949-05-31		63.29	1949-04-25		63.02
1949-03-30		63.19	1949-03-02		62.99
1949-01-26		62.37	1948-12-28		60.32
1948-12-07		60.71	1948-11-03		60.79
1948-09-29		61.56	1948-08-30		62.27
1948-07-29		62.70	1948-06-29		62.41
1948-05-30		62.51	1948-05-03		61.88
1948-03-25		61.34	1948-02-27		60.65
1948-01-31		59.48	1948-01-02		59.06
1947-11-28		59.35	1947-11-01		58.56
1947-10-06		59.00	1947-09-10		59.42
1947-08-07		59.93	1947-07-07		59.49
1947-06-02		59.95	1947-04-30		59.91
1947-04-07		59.11	1947-02-28		58.73
1947-01-31		58.86	1946-12-30		58.91
1946-11-27		59.48	1946-10-30		60.34
1946-09-30		60.69	1946-09-25		60.49
1946-08-26		60.90	1946-07-29		61.04
1946-07-01		61.41	1946-06-05		61.19
1946-03-29		60.71	1946-03-18		60.56
1946-03-17		60.55	1946-03-16		60.54
1946-03-15		60.53	1946-03-14		60.51
1946-03-13		60.50	1946-03-12		60.48

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1946-03-11		60.49	1946-03-10		60.49
1946-03-09		60.52	1946-03-08		60.50
1946-03-07		60.50	1946-03-06		60.49
1946-03-05		60.49	1946-03-04		60.50
1946-03-03		60.51	1946-03-02		60.51
1946-03-01		60.47	1946-02-28		60.42
1946-02-27		60.33	1946-02-26		60.34
1946-02-25		60.36	1946-02-24		60.37
1946-02-23		60.37	1946-02-22		60.37
1946-02-21		60.39	1946-02-20		60.45
1946-02-19		60.39	1946-02-18		60.41
1946-02-17		60.43	1946-02-16		60.42
1946-02-15		60.48	1946-02-14		60.49
1946-02-13		60.45	1946-02-12		60.45
1946-02-11		60.45	1946-02-10		60.46
1946-02-09		60.44	1946-02-08		60.43
1946-02-07		60.48	1946-02-06		60.45
1946-02-05		60.42	1946-02-04		60.43
1946-02-03		60.44	1946-02-02		60.46
1946-02-01		60.45	1946-01-31		60.46
1946-01-30		60.32	1946-01-29		60.33
1946-01-28		60.34	1946-01-27		60.36
1946-01-26		60.40	1946-01-25		60.41
1946-01-24		60.33	1946-01-23		60.34
1946-01-22		60.38	1946-01-21		60.43
1946-01-20		60.39	1946-01-19		60.45
1946-01-18		60.47	1946-01-17		60.47
1946-01-16		60.45	1946-01-15		60.48
1946-01-14		60.47	1946-01-13		60.48
1946-01-12		60.46	1946-01-11		60.43
1946-01-10		60.41	1946-01-09		60.35
1946-01-08		60.29	1946-01-07		60.23
1946-01-06		60.13	1946-01-05		60.00
1946-01-04		59.83	1946-01-03		59.67
1946-01-02		59.60	1946-01-01		59.59
1945-12-31		59.58	1945-12-30		59.55
1945-12-29		59.53	1945-12-28		59.51
1945-12-27		59.53	1945-12-26		59.55
1945-12-25		59.48	1945-12-24		59.47
1945-12-23		59.48	1945-12-22		59.47
1945-12-21		59.46	1945-12-20		59.45
1945-12-19		59.43	1945-12-18		59.40
1945-12-17		59.38	1945-12-16		59.36
1945-12-15		59.32	1945-12-14		59.29
1945-12-13		59.25	1945-12-12		59.22
1945-12-11		59.19	1945-12-10		59.17
1945-12-09		59.13	1945-12-08		59.11
1945-12-07		59.09	1945-12-06		59.04
1945-12-05		59.00	1945-12-04		58.98
1945-12-03		58.95	1945-12-02		58.93
1945-12-01		58.93	1945-11-30		58.94
1945-11-29		58.97	1945-11-28		58.86
1945-11-27		58.86	1945-11-26		58.86
1945-11-25		58.88	1945-11-24		58.89
1945-11-23		58.90	1945-11-22		59.05

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-11-21		58.88	1945-11-20		58.91
1945-11-19		58.89	1945-11-18		58.91
1945-11-17		58.93	1945-11-16		58.94
1945-11-15		58.96	1945-11-14		58.98
1945-11-13		58.99	1945-11-12		59.00
1945-11-11		59.02	1945-11-10		59.03
1945-11-09		59.05	1945-11-08		59.06
1945-11-07		59.08	1945-11-06		59.10
1945-11-05		59.12	1945-11-04		59.13
1945-11-03		59.14	1945-11-02		59.15
1945-11-01		59.16	1945-10-31		59.18
1945-10-30		59.19	1945-10-29		59.20
1945-10-28		59.22	1945-10-27		59.24
1945-10-26		59.26	1945-10-25		59.27
1945-10-24		59.28	1945-10-23		59.29
1945-10-22		59.32	1945-10-21		59.34
1945-10-20		59.36	1945-10-19		59.37
1945-10-18		59.39	1945-10-17		59.41
1945-10-16		59.43	1945-10-15		59.44
1945-10-14		59.46	1945-10-13		59.48
1945-10-12		59.49	1945-10-11		59.50
1945-10-10		59.52	1945-10-09		59.54
1945-10-08		59.55	1945-10-07		59.58
1945-10-06		59.60	1945-10-05		59.59
1945-10-04		59.60	1945-10-03		59.63
1945-10-02		59.65	1945-10-01		59.65
1945-09-30		59.67	1945-09-29		59.70
1945-09-28		59.71	1945-09-27		59.72
1945-09-26		59.74	1945-09-25		59.76
1945-09-24		59.77	1945-09-23		59.79
1945-09-22		59.81	1945-09-21		59.83
1945-09-20		59.85	1945-09-19		59.86
1945-09-18		59.86	1945-09-17		59.87
1945-09-16		59.89	1945-09-15		59.92
1945-09-14		59.93	1945-09-13		59.95
1945-09-12		59.97	1945-09-11		60.00
1945-09-10		60.01	1945-09-09		60.03
1945-09-08		60.05	1945-09-07		60.06
1945-09-06		60.07	1945-09-05		60.09
1945-09-04		60.11	1945-09-03		60.12
1945-09-02		60.16	1945-09-01		60.17
1945-08-31		60.18	1945-08-30		60.20
1945-08-29		60.21	1945-08-28		60.22
1945-08-27		60.25	1945-08-26		60.27
1945-08-25		60.28	1945-08-24		60.28
1945-08-23		60.29	1945-08-22		60.31
1945-08-21		60.32	1945-08-20		60.33
1945-08-19		60.35	1945-08-18		60.38
1945-08-17		60.38	1945-08-16		60.39
1945-08-15		60.40	1945-08-14		60.40
1945-08-13		60.42	1945-08-12		60.43
1945-08-11		60.44	1945-08-10		60.44
1945-08-09		60.45	1945-08-08		60.47
1945-08-07		60.49	1945-08-06		60.46
1945-08-05		60.46	1945-08-04		60.48

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-08-03		60.49	1945-08-02		60.49
1945-08-01		60.50	1945-07-31		60.50
1945-07-30		60.50	1945-07-29		60.52
1945-07-28		60.52	1945-07-27		60.53
1945-07-26		60.64	1945-07-25		60.52
1945-07-24		60.53	1945-07-23		60.55
1945-07-22		60.56	1945-07-21		60.56
1945-07-20		60.57	1945-07-19		60.58
1945-07-18		60.61	1945-07-17		60.60
1945-07-16		60.62	1945-07-15		60.54
1945-07-14		60.65	1945-07-13		60.66
1945-07-12		60.68	1945-07-11		60.71
1945-07-10		60.73	1945-07-09		60.74
1945-07-08		60.76	1945-07-07		60.77
1945-07-06		60.80	1945-07-05		60.81
1945-07-04		60.82	1945-07-03		60.84
1945-07-02		60.85	1945-07-01		60.86
1945-06-30		60.88	1945-06-29		60.90
1945-06-28		60.91	1945-06-27		60.92
1945-06-26		60.94	1945-06-25		60.95
1945-06-24		60.96	1945-06-23		60.98
1945-06-22		60.99	1945-06-21		61.01
1945-06-20		61.03	1945-06-19		61.03
1945-06-18		61.05	1945-06-17		61.06
1945-06-16		61.07	1945-06-12		61.09
1945-06-11		61.11	1945-06-10		61.17
1945-06-09		61.17	1945-06-04		61.28
1945-06-03		61.31	1945-06-02		61.33
1945-06-01		61.33	1945-05-31		61.36
1945-05-30		61.38	1945-05-29		61.39
1945-05-28		61.39	1945-05-27		61.39
1945-05-26		61.40	1945-05-25		61.41
1945-05-24		61.41	1945-05-23		61.42
1945-05-22		61.43	1945-05-21		61.42
1945-05-20		61.41	1945-05-19		61.43
1945-05-18		61.43	1945-05-17		61.40
1945-05-16		61.39	1945-05-15		61.37
1945-05-14		61.35	1945-05-13		61.33
1945-05-12		61.28	1945-05-11		61.28
1945-05-10		61.22	1945-05-09		61.17
1945-05-08		61.16	1945-05-07		61.13
1945-05-06		61.12	1945-05-05		61.10
1945-05-04		61.10	1945-05-03		61.01
1945-05-02		60.98	1945-05-01		60.96
1945-04-30		60.92	1945-04-29		60.90
1945-04-28		60.90	1945-04-27		60.91
1945-04-26		60.92	1945-04-25		60.86
1945-04-24		60.87	1945-04-23		60.88
1945-04-22		60.89	1945-04-21		60.91
1945-04-20		60.92	1945-04-19		60.94
1945-04-18		60.95	1945-04-17		60.97
1945-04-16		60.99	1945-04-15		60.99
1945-04-14		61.00	1945-04-13		61.01
1945-04-12		61.02	1945-04-11		61.05
1945-04-10		61.06	1945-04-09		61.06



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-04-08		61.08	1945-04-06		61.12
1945-04-05		61.16	1945-04-04		61.14
1945-04-03		61.17	1945-04-02		61.20
1945-04-01		61.20	1945-03-31		61.24
1945-03-30		61.24	1945-03-29		61.26
1945-03-28		61.26	1945-03-27		61.31
1945-03-26		61.32	1945-03-25		61.32
1945-03-24		61.36	1945-03-23		61.39
1945-03-22		61.39	1945-03-21		61.38
1945-03-20		61.37	1945-03-19		61.33
1945-03-18		61.33	1945-03-17		61.33
1945-03-16		61.31	1945-03-15		61.28
1945-03-14		61.24	1945-03-13		61.22
1945-03-12		61.17	1945-03-11		61.15
1945-03-10		61.12	1945-03-09		61.07
1945-03-08		61.07	1945-03-07		61.05
1945-03-06		61.02	1945-03-05		60.95
1945-03-04		60.90	1945-03-03		60.87
1945-03-02		60.78	1945-03-01		60.76
1945-02-28		60.73	1945-02-27		60.73
1945-02-26		60.63	1945-02-25		60.63
1945-02-24		60.64	1945-02-23		60.64
1945-02-22		60.45	1945-02-21		60.36
1945-02-15		60.30	1945-02-14		60.36
1945-02-13		60.36	1945-02-12		60.36
1945-02-11		60.33	1945-02-10		60.33
1945-02-09		60.33	1945-02-08		60.34
1945-02-07		60.36	1945-02-06		60.37
1945-02-05		60.40	1945-02-04		60.40
1945-02-03		60.44	1945-02-02		60.46
1945-02-01		60.47	1945-01-31		60.49
1945-01-30		60.50	1945-01-29		60.53
1945-01-28		60.53	1945-01-27		60.56
1945-01-26		60.58	1945-01-25		60.59
1945-01-24		60.64	1945-01-23		60.65
1945-01-22		60.66	1945-01-21		60.66
1945-01-20		60.66	1945-01-19		60.67
1945-01-18		60.67	1945-01-17		60.72
1945-01-16		60.74	1945-01-14		60.71
1945-01-13		60.69	1945-01-12		60.66
1945-01-11		60.64	1945-01-10		60.65
1945-01-09		60.67	1945-01-08		60.65
1945-01-07		60.62	1945-01-06		60.62
1945-01-05		60.63	1945-01-04		60.64
1945-01-03		60.67	1945-01-02		60.70
1945-01-01		62.72	1944-12-31		60.67
1944-12-30		60.67	1944-12-29		60.67
1944-12-28		60.74	1944-12-27		60.72
1944-12-26		60.72	1944-12-25		60.72
1944-12-24		60.72	1944-12-23		60.72
1944-12-22		60.72	1944-12-21		60.74
1944-12-20		60.76	1944-12-19		60.79
1944-12-18		60.79	1944-12-17		60.80
1944-12-16		60.80	1944-12-15		60.80
1944-12-14		60.81	1944-12-13		60.83

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-12-12		60.86	1944-12-11		60.79
1944-12-10		60.76	1944-12-09		60.74
1944-12-08		60.69	1944-12-07		60.62
1944-12-06		60.51	1944-12-05		60.40
1944-12-04		60.26	1944-12-03		60.11
1944-12-02		59.99	1944-12-01		59.93
1944-11-30		59.81	1944-11-29		59.79
1944-11-28		59.79	1944-11-27		59.68
1944-11-26		59.64	1944-11-25		59.63
1944-11-24		59.63	1944-11-23		59.63
1944-11-22		59.64	1944-11-21		59.68
1944-11-20		59.62	1944-11-19		59.64
1944-11-18		59.66	1944-11-17		59.70
1944-11-16		59.70	1944-11-15		59.71
1944-11-14		59.73	1944-11-13		59.75
1944-11-12		59.77	1944-11-11		59.79
1944-11-10		59.81	1944-11-09		59.82
1944-11-08		59.86	1944-11-07		59.87
1944-11-06		59.90	1944-11-05		59.92
1944-11-04		59.93	1944-11-03		59.94
1944-11-02		59.95	1944-11-01		59.98
1944-10-31		60.01	1944-10-30		60.04
1944-10-29		60.06	1944-10-28		60.06
1944-10-27		60.08	1944-10-26		60.08
1944-10-25		60.11	1944-10-24		60.11
1944-10-23		60.12	1944-10-22		60.15
1944-10-21		60.25	1944-10-20		60.16
1944-10-19		60.18	1944-10-18		60.22
1944-10-17		60.24	1944-10-16		60.25
1944-10-15		60.27	1944-10-14		60.30
1944-10-13		60.30	1944-10-12		60.30
1944-10-11		60.33	1944-10-10		60.35
1944-10-09		60.37	1944-10-08		60.39
1944-10-07		60.40	1944-10-06		60.41
1944-10-05		60.42	1944-10-04		60.45
1944-10-03		60.47	1944-10-02		60.49
1944-10-01		60.51	1944-09-30		60.53
1944-09-29		60.56	1944-09-28		60.58
1944-09-27		60.58	1944-09-26		60.59
1944-09-25		60.59	1944-09-24		60.59
1944-09-23		60.59	1944-09-22		60.59
1944-09-21		60.59	1944-09-20		60.57
1944-09-19		60.53	1944-09-18		60.50
1944-09-17		60.45	1944-09-16		60.41
1944-09-15		60.42	1944-09-14		60.24
1944-09-13		60.24	1944-09-12		60.24
1944-09-11		60.25	1944-09-10		60.27
1944-09-09		60.30	1944-09-08		60.33
1944-09-07		60.35	1944-09-06		60.37
1944-09-05		60.40	1944-09-04		60.42
1944-09-03		60.44	1944-09-02		60.46
1944-09-01		60.47	1944-08-31		60.48
1944-08-30		60.51	1944-08-29		60.54
1944-08-28		60.54	1944-08-27		60.55
1944-08-26		60.58	1944-08-25		60.60

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-08-24		60.63	1944-08-23		60.66
1944-08-22		60.68	1944-08-21		60.69
1944-08-20		60.71	1944-08-19		60.73
1944-08-18		60.76	1944-08-17		60.76
1944-08-16		60.78	1944-08-15		60.80
1944-08-14		60.82	1944-08-13		60.84
1944-08-12		60.86	1944-08-11		60.88
1944-08-10		60.89	1944-08-09		60.89
1944-08-08		60.89	1944-08-07		60.92
1944-08-06		60.94	1944-08-05		60.95
1944-08-04		60.97	1944-08-03		60.99
1944-08-02		61.00	1944-08-01		61.02
1944-07-31		61.05	1944-07-30		61.08
1944-07-29		61.10	1944-07-28		61.13
1944-07-27		61.15	1944-07-23		61.24
1944-07-22		61.26	1944-07-21		61.29
1944-07-20		61.29	1944-07-19		61.31
1944-07-18		61.34	1944-07-17		61.37
1944-07-16		61.39	1944-07-15		61.40
1944-07-14		61.43	1944-07-13		61.45
1944-07-06		61.62	1944-07-05		61.65
1944-07-04		61.66	1944-07-03		61.69
1944-07-02		61.71	1944-07-01		61.73
1944-06-30		61.74	1944-06-29		61.74
1944-06-28		61.75	1944-06-27		61.77
1944-06-26		61.81	1944-06-25		61.84
1944-06-24		61.86	1944-06-23		61.86
1944-06-22		61.87	1944-06-21		61.90
1944-06-20		61.93	1944-06-19		61.94
1944-06-18		61.95	1944-06-17		61.98
1944-06-16		62.00	1944-06-15		62.01
1944-06-14		62.04	1944-06-13		62.06
1944-06-12		62.09	1944-06-11		62.12
1944-06-10		62.13	1944-06-09		62.14
1944-06-08		62.17	1944-06-07		62.22
1944-06-06		62.24	1944-06-05		62.26
1944-06-04		62.28	1944-06-03		62.34
1944-06-02		62.37	1944-06-01		62.38
1944-05-31		62.43	1944-05-30		62.43
1944-05-29		62.45	1944-05-28		62.48
1944-05-27		62.49	1944-05-26		62.51
1944-05-25		62.51	1944-05-24		62.54
1944-05-23		62.58	1944-05-22		62.62
1944-05-21		62.63	1944-05-20		62.65
1944-05-19		62.66	1944-05-18		62.71
1944-05-17		62.76	1944-05-16		62.78
1944-05-15		62.80	1944-05-14		62.84
1944-05-13		62.86	1944-05-12		62.86
1944-05-11		62.86	1944-05-10		62.88
1944-05-09		62.90	1944-05-08		62.92
1944-05-07		62.93	1944-05-06		62.91
1944-05-05		62.90	1944-05-04		62.83
1944-05-03		62.78	1944-05-02		62.71
1944-05-01		62.67	1944-04-30		62.59
1944-04-29		62.48	1944-04-28		62.37

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-04-27		62.28	1944-04-26		62.19
1944-04-25		62.18	1944-04-24		62.06
1944-04-23		61.97	1944-04-22		61.91
1944-04-21		61.87	1944-04-20		61.80
1944-04-19		61.80	1944-04-18		61.79
1944-04-17		61.80	1944-04-16		61.79
1944-04-15		61.74	1944-04-14		61.73
1944-04-13		61.73	1944-04-12		61.74
1944-04-11		61.68	1944-04-10		61.70
1944-04-09		61.66	1944-04-08		61.65
1944-04-07		61.62	1944-04-06		61.59
1944-04-05		61.59	1944-03-31		61.51
1944-03-30		61.49	1944-03-29		61.43
1944-03-28		61.44	1944-03-27		61.44
1944-03-24		61.44	1944-03-23		61.36
1944-03-22		61.30	1944-03-21		61.27
1944-03-20		61.22	1944-03-19		61.12
1944-03-18		61.04	1944-03-17		60.90
1944-03-16		60.73	1944-03-15		60.54
1944-03-14		60.44	1944-03-13		60.55
1944-03-12		60.26	1944-03-11		60.26
1944-03-10		60.26	1944-03-09		60.27
1944-03-08		60.31	1944-03-07		60.37
1944-03-06		60.27	1944-03-05		60.29
1944-03-04		60.31	1944-03-03		60.31
1944-03-02		60.32	1944-03-01		60.36
1944-02-29		60.38	1944-02-28		60.39
1944-02-27		60.39	1944-02-26		60.39
1944-02-25		60.40	1944-02-24		60.42
1944-02-23		60.48	1944-02-22		60.44
1944-02-21		60.45	1944-02-20		60.45
1944-02-19		60.45	1944-02-18		60.51
1944-02-17		60.47	1944-02-16		60.47
1944-02-15		60.47	1944-02-14		60.31
1944-02-13		60.33	1944-02-12		60.38
1944-02-11		60.39	1944-02-10		60.40
1944-02-09		60.46	1944-02-08		60.46
1944-02-07		60.50	1944-02-06		60.52
1944-02-05		60.53	1944-02-04		60.57
1944-02-03		60.62	1944-02-02		60.62
1944-02-01		60.66	1944-01-31		60.69
1944-01-30		60.70	1944-01-29		60.73
1944-01-28		60.75	1944-01-27		60.78
1944-01-26		60.79	1944-01-25		60.82
1944-01-24		60.85	1944-01-23		60.92
1944-01-22		60.90	1944-01-21		60.96
1944-01-20		61.01	1944-01-19		61.01
1944-01-17		61.01	1944-01-16		61.03
1944-01-15		61.04	1944-01-14		61.00
1944-01-13		60.95	1944-01-12		60.91
1944-01-11		60.81	1944-01-10		60.70
1944-01-09		60.54	1944-01-08		60.31
1944-01-07		60.12	1944-01-06		60.04
1944-01-05		59.74	1944-01-04		59.68
1944-01-03		59.42	1943-12-09		59.98

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-12-08		60.01	1943-12-07		60.03
1943-12-06		60.05	1943-12-05		60.06
1943-12-04		60.08	1943-12-03		60.10
1943-12-02		60.13	1943-12-01		60.16
1943-11-14		60.03	1943-11-13		60.00
1943-11-12		59.95	1943-11-11		59.91
1943-11-10		59.91	1943-11-09		59.91
1943-11-08		59.84	1943-11-07		59.82
1943-11-06		59.84	1943-11-05		59.74
1943-11-04		59.64	1943-11-03		59.60
1943-11-02		59.48	1943-11-01		59.39
1943-10-14		58.90	1943-10-13		58.91
1943-10-12		58.93	1943-10-11		58.95
1943-10-10		58.97	1943-10-09		58.99
1943-10-08		59.00	1943-10-07		59.01
1943-10-06		59.03	1943-10-05		59.05
1943-10-04		59.07	1943-10-03		59.10
1943-10-02		59.13	1943-10-01		59.14
1943-09-14		58.68	1943-09-13		58.69
1943-09-12		58.72	1943-09-11		58.73
1943-09-10		58.75	1943-09-09		58.77
1943-09-08		58.79	1943-09-07		58.81
1943-09-06		58.83	1943-09-05		58.84
1943-09-04		58.86	1943-09-03		58.88
1943-09-02		58.89	1943-09-01		58.90
1943-08-14		59.17	1943-08-13		59.18
1943-08-12		59.19	1943-08-11		59.22
1943-08-10		59.28	1943-08-09		59.24
1943-08-08		59.25	1943-08-07		59.27
1943-08-06		59.28	1943-07-14		59.65
1943-07-13		59.65	1943-07-12		59.67
1943-07-11		59.68	1943-07-10		59.69
1943-07-09		59.74	1943-07-08		59.70
1943-07-07		59.72	1943-07-06		59.74
1943-07-05		59.83	1943-07-04		59.74
1943-07-03		59.75	1943-07-02		59.76
1943-06-14		59.96	1943-06-13		59.92
1943-06-12		59.92	1943-06-11		59.92
1943-06-10		59.92	1943-06-09		59.93
1943-06-08		59.94	1943-06-07		59.94
1943-06-06		59.94	1943-06-05		59.95
1943-06-04		59.95	1943-05-14		60.12
1943-05-13		60.14	1943-05-12		60.15
1943-05-11		60.14	1943-05-10		60.15
1943-05-09		60.15	1943-05-08		60.17
1943-05-07		60.18	1943-05-06		60.19
1943-05-05		60.19	1943-05-04		60.20
1943-05-03		60.24	1943-05-02		60.21
1943-05-01		60.24	1943-04-14		60.51
1943-04-13		60.51	1943-04-12		60.50
1943-04-11		60.51	1943-04-10		60.54
1943-04-09		60.54	1943-04-08		60.55
1943-04-07		60.56	1943-04-06		60.61
1943-04-05		60.62	1943-04-04		60.61
1943-04-03		60.65	1943-04-02		60.66

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-04-01		60.65	1943-03-14		59.98
1943-03-13		60.01	1943-03-12		60.03
1943-03-11		60.03	1943-03-10		60.00
1943-03-09		59.98	1943-03-08		60.01
1943-03-07		60.07	1943-03-06		60.01
1943-03-05		60.02	1943-03-04		60.03
1943-03-03		60.04	1943-03-02		60.04
1943-03-01		60.04	1943-02-14		59.61
1943-02-13		59.55	1943-02-12		59.53
1943-02-11		59.51	1943-02-10		59.46
1943-02-09		59.46	1943-02-08		59.46
1943-02-07		59.45	1943-02-06		59.36
1943-02-05		59.37	1943-02-04		59.37
1943-02-03		59.37	1943-02-02		59.40
1943-02-01		59.41	1943-01-14		59.63
1943-01-13		59.62	1943-01-12		59.62
1943-01-11		59.57	1943-01-10		59.54
1943-01-09		59.52	1943-01-08		59.49
1943-01-06		59.30	1943-01-05		59.24
1943-01-04		59.13	1943-01-03		58.99
1943-01-02		58.89	1943-01-01		58.82
1942-12-31		58.79	1942-12-30		58.74
1942-12-29		58.74	1942-12-28		58.70
1942-12-27		58.69	1942-12-26		58.70
1942-12-25		58.70	1942-12-24		58.71
1942-12-23		58.72	1942-12-22		58.70
1942-12-21		58.70	1942-12-20		58.71
1942-12-19		58.72	1942-12-18		58.74
1942-12-17		58.74	1942-12-16		58.76
1942-12-15		58.75	1942-12-14		58.74
1942-12-13		58.76	1942-12-12		58.75
1942-12-11		58.73	1942-12-10		58.73
1942-12-09		58.73	1942-12-08		58.74
1942-12-07		58.75	1942-12-06		58.75
1942-12-05		58.75	1942-12-04		58.75
1942-12-03		58.77	1942-12-02		58.80
1942-12-01		58.78	1942-11-30		58.78
1942-11-29		58.78	1942-11-28		58.78
1942-11-27		58.80	1942-11-26		58.82
1942-11-25		58.83	1942-11-24		58.83
1942-11-23		58.83	1942-11-22		58.83
1942-11-21		58.85	1942-11-20		58.86
1942-11-19		58.86	1942-11-18		58.88
1942-11-17		58.89	1942-11-16		58.89
1942-11-15		58.91	1942-11-14		58.92
1942-11-13		58.94	1942-11-12		58.94
1942-11-11		58.96	1942-11-10		58.95
1942-11-09		58.95	1942-11-08		58.97
1942-11-07		58.98	1942-11-06		59.00
1942-11-05		59.01	1942-11-04		59.02
1942-11-03		59.04	1942-11-02		59.06
1942-11-01		59.06	1942-10-31		59.06
1942-10-30		59.06	1942-10-29		59.08
1942-10-28		59.10	1942-10-27		59.13
1942-10-26		59.15	1942-10-25		59.15

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-10-24		59.15	1942-10-23		59.16
1942-10-22		59.19	1942-10-21		59.20
1942-10-20		59.21	1942-10-19		59.24
1942-10-18		59.26	1942-10-17		59.25
1942-10-16		59.26	1942-10-15		59.27
1942-10-14		59.28	1942-10-13		59.30
1942-10-12		59.32	1942-10-11		59.35
1942-10-10		59.36	1942-10-09		59.38
1942-10-08		59.40	1942-10-07		59.43
1942-10-06		59.45	1942-10-05		59.46
1942-10-04		59.47	1942-10-03		59.48
1942-10-02		59.50	1942-10-01		59.52
1942-09-30		59.54	1942-09-29		59.56
1942-09-28		59.59	1942-09-27		59.61
1942-09-26		59.61	1942-09-25		59.62
1942-09-24		59.64	1942-09-23		59.67
1942-09-22		59.68	1942-09-21		59.70
1942-09-20		59.71	1942-09-19		59.73
1942-09-18		59.74	1942-09-17		59.76
1942-09-16		59.78	1942-09-15		59.80
1942-09-14		59.82	1942-09-13		59.84
1942-09-12		59.86	1942-09-11		59.87
1942-09-10		59.89	1942-09-09		59.90
1942-09-08		59.92	1942-09-07		59.94
1942-09-06		59.96	1942-09-05		60.00
1942-09-04		60.01	1942-09-03		60.03
1942-09-02		60.02	1942-09-01		60.01
1942-08-31		60.00	1942-08-30		60.00
1942-08-29		59.96	1942-08-28		59.94
1942-08-27		59.92	1942-08-26		59.91
1942-08-25		59.90	1942-08-24		59.86
1942-08-23		59.79	1942-08-22		59.72
1942-08-21		59.64	1942-08-20		59.53
1942-08-19		59.42	1942-08-18		59.28
1942-08-17		59.16	1942-08-16		59.09
1942-08-15		59.09	1942-08-14		59.06
1942-08-13		58.95	1942-08-12		58.95
1942-08-11		58.95	1942-08-10		58.95
1942-08-09		58.86	1942-08-08		58.84
1942-08-07		58.83	1942-08-06		58.81
1942-08-05		58.79	1942-08-04		58.77
1942-08-03		58.75	1942-08-02		58.73
1942-08-01		58.73	1942-07-31		58.65
1942-07-30		58.62	1942-07-29		58.62
1942-07-28		58.62	1942-07-27		58.45
1942-07-26		58.45	1942-07-25		58.46
1942-07-24		58.47	1942-07-23		58.48
1942-07-22		58.49	1942-07-21		58.50
1942-07-20		58.52	1942-07-19		58.52
1942-07-18		58.55	1942-07-13		58.51
1942-07-12		58.52	1942-07-11		58.52
1942-07-10		58.52	1942-07-09		58.53
1942-07-08		58.55	1942-07-07		58.56
1942-07-06		58.56	1942-07-05		58.56
1942-07-04		58.55	1942-07-03		58.57

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-07-02		58.53	1942-07-01		58.53
1942-06-30		58.54	1942-06-29		58.54
1942-06-28		58.54	1942-06-27		58.55
1942-06-26		58.56	1942-06-25		58.57
1942-06-24		58.60	1942-06-23		58.61
1942-06-22		58.62	1942-06-21		58.61
1942-06-20		58.61	1942-06-19		58.62
1942-06-18		58.64	1942-06-17		58.62
1942-06-16		58.62	1942-06-15		58.63
1942-06-14		58.64	1942-06-13		58.64
1942-06-12		58.64	1942-06-11		58.64
1942-06-10		58.64	1942-04-21		59.09

**D24**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116698**

Agency cd:	USGS	Site no:	404429073261702
Site name:	N 1248. 3		
Latitude:	404431		
Longitude:	0732615	Dec lat:	40.74204393
Dec lon:	-73.43706728	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM 916 3	Map scale:	Not Reported
Altitude:	81.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650330
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	33.	Hole depth:	33.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-03-30	Ground water data end date:	1984-04-27
Ground water data count:	86		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 86

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1984-04-27		63.19	1983-08-03		60.01
1983-06-28		58.76	1983-04-07		57.87
1982-12-02		58.01	1982-08-31		59.11
1982-07-01		60.47	1982-01-05		58.11
1981-09-29		58.14	1981-05-29		59.79
1981-03-12		60.46	1980-12-22		61.36
1980-09-03		63.09	1980-05-30		63.01
1980-03-20		61.71	1979-12-12		61.68
1979-09-12		62.26	1979-06-01		64.54
1979-05-22		63.85	1979-04-17		63.73
1979-03-20		64.65	1979-03-09		64.41
1978-12-27		60.03	1978-12-08		60.77
1978-11-20		60.68	1978-10-23		61.26
1978-09-25		61.53	1978-09-18		61.69
1978-08-23		61.88	1978-07-26		62.06
1978-06-29		62.72	1978-06-08		63.89
1978-06-02		63.95	1978-03-20		63.88
1977-12-08		59.58	1977-09-02		59.01
1977-06-13		59.64	1977-03-28		59.60
1976-12-10		59.69	1976-09-03		61.47
1976-06-08		62.58	1976-03-12		63.02
1975-12-29		61.55	1975-09-11		61.48
1975-06-16		62.45	1975-03-26		60.80
1974-12-26		59.27	1974-09-19		59.66
1974-06-18		60.93	1974-04-01		61.05
1973-12-07		60.26	1973-09-20		60.86
1973-06-20		61.67	1973-03-27		60.63
1972-12-29		59.92	1972-09-05		58.61
1972-06-11		59.21	1972-03-28		58.00
1971-12-23		56.47	1971-10-05		55.86
1971-07-22		56.61	1971-04-01		57.67
1970-12-21		56.33	1970-09-23		57.33
1970-06-23		58.72	1970-03-10		58.09
1970-01-28		56.89	1969-09-25		56.86
1969-07-17		56.38	1969-04-23		56.67
1969-01-22		55.77	1968-09-30		54.91
1968-06-27		57.15	1968-04-11		58.11
1967-12-21		55.20	1967-10-11		55.26
1967-07-19		55.25	1967-04-19		54.69
1967-01-05		52.77	1966-10-05		53.29
1966-06-08		54.34	1966-03-17		54.83
1965-12-07		55.23	1965-08-26		55.86
1965-06-10		57.16	1965-03-30		57.81

25  
NW  
1/2 - 1 Mile  
Higher

FED USGS USGS2116378

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404456073255400
Site name:	-EAST FARMINGDALE WD DIST SYST-WELLS	0377D	
Latitude:	404456		
Longitude:	0732554	Dec lat:	40.74898822
Dec lon:	-73.43123369	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	AMITYVILLE S-27-1	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1973-10-23
Water quality data end date:	1973-10-23	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**E26**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117064**

Agency cd:	USGS	Site no:	404410073261501
Site name:	N 9176. 1		
Latitude:	404410		
Longitude:	0732615	Dec lat:	40.7362107
Dec lon:	-73.43706734	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	48.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E27**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2116883**

Agency cd:	USGS	Site no:	404411073261501
Site name:	N 706. 1		
Latitude:	404411		
Longitude:	0732616	Dec lat:	40.73648847
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	70.	Hole depth:	70.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1952-10-01
Water quality data end date:	1966-08-31	Water quality data count:	12
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E28**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117070**

Agency cd:	USGS	Site no:	404410073261613
Site name:	N 9175. 1		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	49.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E29**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117069**

Agency cd:	USGS	Site no:	404410073261612
Site name:	N 7852. 1		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	196604
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	457.	Hole depth:	615.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E30**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2117067**

Agency cd:	USGS	Site no:	404410073261610
Site name:	N 525. 2		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	68.	Hole depth:	68.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
Water quality data end date: Not Reported  
Ground water data begin date: Not Reported  
Ground water data count: Not Reported

Water quality data begin date: Not Reported  
Water quality data count: Not Reported  
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**E31**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117068**

Agency cd:	USGS	Site no:	404410073261611
Site name:	N 705. 1		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	32.	Hole depth:	32.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E32**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117066**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404410073261609
Site name:	N 525. 1		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	38.	Hole depth:	38.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E33**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116884**

Agency cd:	USGS	Site no:	404411073261801
Site name:	N 7852. 2		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	457.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1966-04-01
Water quality data end date:	1986-10-07	Water quality data count:	28
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

### E34 WSW 1/2 - 1 Mile Higher

**FED USGS      USGS2117065**

Agency cd:	USGS	Site no:	404410073261608
Site name:	N 188. 1		
Latitude:	404410		
Longitude:	0732616	Dec lat:	40.7362107
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	75.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	193511
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	150.	Hole depth:	150.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E35**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2117053**

Agency cd:	USGS	Site no:	404409073261601
Site name:	N 9174. 1		
Latitude:	404409		
Longitude:	0732616	Dec lat:	40.73593293
Dec lon:	-73.43734513	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 989 3 99	Map scale:	Not Reported
Altitude:	77.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	40.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**36**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116253**

Agency cd:	USGS	Site no:	404505073252801
Site name:	S 4112. 1		
Latitude:	404505		
Longitude:	0732528	Dec lat:	40.75148815
Dec lon:	-73.4240112	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 290 4	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19441216
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	84.	Hole depth:	84.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**37**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2116234**

Agency cd:	USGS	Site no:	404503073254801
Site name:	S 3. 1		
Latitude:	404503		
Longitude:	0732548	Dec lat:	40.75093263
Dec lon:	-73.42956694	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SL 270 4	Map scale:	Not Reported
Altitude:	97.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	193404
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	288.	Hole depth:	288.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
Water quality data end date: 1965-04-05  
Ground water data begin date: 0000-00-00  
Ground water data count: 0

Water quality data begin date: 1965-04-05  
Water quality data count: 1  
Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**38**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2116829**

Agency cd:	USGS	Site no:	404421073262301
Site name:	N 9980. 1		
Latitude:	404421		
Longitude:	0732623	Dec lat:	40.73926622
Dec lon:	-73.4392896	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM 907 3	Map scale:	Not Reported
Altitude:	81.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19820614
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	58.	Hole depth:	58.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1986-05-19
Water quality data end date:	1986-05-19	Water quality data count:	1
Ground water data begin date:	1986-05-19	Ground water data end date:	1998-03-25
Ground water data count:	10		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-03-25		56.29	1997-03-12		54.91
1996-03-14		51.58	1995-03-14		52.66
1994-04-01		55.69	1993-03-23		56.74
1992-03-17		56.45	1991-03-20		60.70
1990-03-26		58.69	1986-05-19		55.81

**39**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS2117534**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404337073251301
Site name:	S 23823. 1		
Latitude:	404337		
Longitude:	0732513	Dec lat:	40.72704408
Dec lon:	-73.41984467	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	103
Country:	US	Land net:	Not Reported
Location map:	SM 272 4	Map scale:	Not Reported
Altitude:	70.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	MAGOTHY AQUIFER		
Well depth:	407.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F40**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2116651**

Agency cd:	USGS	Site no:	404425073262402
Site name:	N 10383. 1		
Latitude:	404425		
Longitude:	0732624	Dec lat:	40.74037731
Dec lon:	-73.43956738	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NL 977 3	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19850514
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	240.	Hole depth:	252.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F41  
West  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2116650**

Agency cd:	USGS	Site no:	404425073262401
Site name:	N 10382. 1		
Latitude:	404425	Dec lat:	40.74037731
Longitude:	0732624	Coor meth:	M
Dec lon:	-73.43956738	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	059
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	NL 977 3		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19850514
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	145.	Hole depth:	150.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**G42**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS2117467**

Agency cd:	USGS	Site no:	404347073260702
Site name:	N 9662. 1		
Latitude:	404347		
Longitude:	0732607	Dec lat:	40.72982191
Dec lon:	-73.43484512	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM1021 3 99	Map scale:	Not Reported
Altitude:	68.8		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19790124
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	57.	Hole depth:	57.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-03-12	Ground water data end date:	2003-03-27
Ground water data count:	66		

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-03-27		47.66	2002-03-22		45.18
2001-03-19		50.12	2000-03-20		48.92
1999-03-30		52.45	1998-03-25		52.59
1997-03-12		51.00	1996-09-27		48.81
1996-06-28		49.45	1996-03-14		47.94
1996-01-22		46.62	1995-12-08		46.61
1995-09-19		46.33	1995-07-26		47.44
1995-05-19		47.95	1995-03-14		48.62
1995-01-19		48.61	1994-12-13		48.77
1994-10-20		49.13	1994-09-20		49.14
1994-08-24		49.76	1994-07-20		50.10
1994-06-17		51.27	1994-05-18		51.87
1994-04-20		52.16	1994-04-01		51.73
1994-02-18		49.38	1993-12-20		49.88
1993-11-22		49.56	1993-10-25		49.78

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-09-23		50.00	1993-08-18		50.77
1993-07-16		51.94	1993-06-16		52.78
1993-05-17		53.49	1993-04-22		54.14
1993-03-23		52.88	1993-02-18		51.91
1993-01-21		52.02	1993-01-04		52.02
1992-11-18		50.48	1992-10-20		50.77
1992-09-30		51.15	1992-08-20		51.52
1992-07-14		50.83	1992-06-16		51.44
1992-05-14		51.14	1992-04-24		51.53
1992-03-17		51.69	1991-03-20		55.65
1990-03-26		53.81	1988-08-04		49.46
1988-07-06		49.76	1985-08-29		52.12
1984-04-27		57.52	1983-08-03		55.12
1983-06-28		53.78	1983-04-07		53.34
1982-12-02		52.74	1982-08-31		52.93
1982-07-01		54.49	1982-03-19		53.71
1982-01-05		52.32	1981-09-29		53.64
1981-05-29		52.98	1981-03-12		52.77

**G43**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS2117466**

Agency cd:	USGS	Site no:	404347073260701
Site name:	N 1249. 1		
Latitude:	404347		
Longitude:	0732607	Dec lat:	40.72982191
Dec lon:	-73.43484512	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM1021 3 99	Map scale:	Not Reported
Altitude:	68.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19380329
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	34.	Hole depth:	34.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1966-12-08
Water quality data end date:	1972-05-12	Water quality data count:	3
Ground water data begin date:	1939-04-21	Ground water data end date:	1986-01-02
Ground water data count:	599		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 599

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-01-02		48.60	1985-11-07		49.20
1985-08-22		51.10	1985-07-08		51.20
1985-01-31		53.40	1984-05-23		56.74
1984-04-10		56.80	1984-04-09		56.96
1984-03-26		55.95	1983-11-01		53.23
1983-10-05		52.84	1983-09-02		53.46
1983-08-02		54.07	1983-06-27		54.98
1983-06-01		56.60	1983-05-02		56.21
1983-04-07		53.34	1983-03-03		51.24
1983-02-04		50.72	1983-01-03		50.47
1982-12-02		52.74	1982-11-03		51.04
1982-09-30		51.91	1982-08-31		52.93
1982-07-01		54.49	1982-03-30		52.47
1982-03-19		53.71	1982-01-05		52.32
1981-09-29		53.64	1981-09-12		51.98
1981-06-27		52.36	1981-05-30		52.36
1981-05-29		52.98	1981-03-12		52.77
1981-03-09		53.40	1980-12-22		54.29
1980-12-10		52.80	1980-09-23		54.43
1980-09-03		55.85	1980-08-29		55.19
1980-07-30		54.60	1980-06-14		56.35
1980-05-30		57.05	1980-04-22		57.23
1980-03-20		54.84	1980-02-26		53.75
1980-01-17		54.15	1979-12-12		54.84
1979-11-20		54.35	1979-10-29		54.68
1979-09-12		55.19	1979-08-23		54.52
1979-06-27		54.16	1979-06-05		53.93
1979-06-01		54.54	1979-05-22		53.81
1979-04-17		55.79	1979-04-16		55.85
1979-03-20		57.26	1979-03-19		56.65
1979-03-09		57.30	1978-12-27		53.97
1978-12-08		52.75	1978-11-29		52.45
1978-11-20		52.68	1978-10-23		53.41
1978-09-29		53.47	1978-09-25		53.86
1978-09-18		53.92	1978-08-23		54.30
1978-08-03		53.47	1978-07-26		53.98
1978-06-29		53.64	1978-06-08		53.67
1978-06-02		53.70	1978-05-30		53.68
1978-05-01		54.70	1978-03-31		56.30
1978-03-20		56.32	1977-12-08		54.15
1977-11-15		53.06	1977-09-02		49.67
1977-08-29		50.59	1977-07-27		50.86
1977-06-21		52.02	1977-06-13		52.46
1977-03-28		53.00	1977-03-19		52.05
1976-12-10		52.68	1976-12-04		52.55
1976-10-30		53.23	1976-09-03		54.31
1976-08-07		53.49	1976-06-19		54.66
1976-06-08		55.06	1976-05-22		55.14
1976-04-24		55.38	1976-03-20		55.70
1976-03-12		55.88	1976-02-14		55.98
1976-01-17		55.50	1975-12-29		54.88
1975-12-06		54.64	1975-11-15		54.50
1975-10-04		54.68	1975-09-11		54.68
1975-08-30		54.82	1975-07-26		55.80
1975-06-21		56.10	1975-06-17		56.38



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-05-31		54.50	1975-05-03		53.70
1975-03-26		53.87	1975-03-22		53.40
1975-01-25		52.60	1974-12-29		52.00
1974-12-26		52.21	1974-10-26		51.70
1974-09-28		54.05	1974-09-19		52.39
1974-08-31		52.00	1974-07-27		52.70
1974-06-22		53.80	1974-06-18		54.57
1974-05-25		54.70	1974-04-27		54.90
1974-04-06		54.40	1974-04-01		54.35
1974-03-02		53.45	1974-01-19		53.40
1973-12-22		52.05	1973-12-07		52.21
1973-11-16		52.15	1973-10-27		52.70
1973-09-29		52.60	1973-09-20		53.53
1973-08-25		53.70	1973-07-28		54.70
1973-06-23		54.80	1973-06-20		55.08
1973-05-26		55.20	1973-05-05		55.10
1973-03-31		54.60	1973-03-27		54.38
1973-01-20		53.65	1972-12-29		54.10
1972-12-23		53.65	1972-11-18		52.45
1972-10-28		51.90	1972-09-23		51.35
1972-09-05		52.11	1972-08-26		52.20
1972-07-22		53.25	1972-06-24		53.10
1972-06-11		53.15	1972-05-27		52.60
1972-03-28		51.99	1972-03-25		51.49
1972-03-04		50.85	1972-01-21		50.09
1971-12-23		50.53	1971-12-18		50.25
1971-11-20		49.08	1971-10-31		49.20
1971-10-05		49.44	1971-09-25		49.37
1971-08-21		45.59	1971-07-24		49.93
1971-07-22		50.41	1971-06-12		50.65
1971-05-15		50.94	1971-04-10		51.00
1971-04-01		51.22	1971-03-13		50.76
1971-02-13		49.80	1970-12-21		49.62
1970-12-07		49.40	1970-11-07		49.69
1970-09-26		50.25	1970-09-23		50.71
1970-07-25		51.55	1970-06-23		52.27
1970-06-20		52.07	1970-05-23		52.15
1970-04-25		52.75	1970-04-04		52.55
1970-03-10		52.07	1970-03-02		50.10
1970-01-31		50.10	1970-01-29		50.54
1969-11-29		49.00	1969-10-25		49.35
1969-09-27		49.80	1969-09-25		50.01
1969-08-29		49.80	1969-07-26		49.75
1969-07-17		50.27	1969-06-28		50.00
1969-05-24		51.00	1969-04-25		50.80
1969-04-23		50.70	1969-03-29		48.90
1969-02-21		48.80	1969-01-22		49.75
1969-01-18		49.80	1968-12-21		49.85
1968-11-23		48.80	1968-10-26		48.40
1968-09-30		48.87	1968-09-21		49.20
1968-08-17		49.25	1968-07-20		49.85
1968-06-27		50.43	1968-06-22		50.20
1968-05-25		49.65	1968-04-20		50.05
1968-04-11		50.39	1968-03-16		49.45
1968-02-17		49.40	1968-01-20		49.40

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1967-12-21		49.27	1967-12-16		48.85
1967-11-18		48.80	1967-10-21		49.00
1967-10-11		49.38	1967-09-23		49.35
1967-08-19		49.40	1967-07-21		49.20
1967-07-19		49.38	1967-06-17		48.00
1967-05-20		49.10	1967-04-22		48.20
1967-04-19		48.54	1967-03-25		47.70
1967-02-25		45.90	1967-01-20		46.00
1967-01-05		46.32	1966-12-17		46.10
1966-11-19		46.60	1966-10-21		46.60
1966-09-17		46.35	1966-08-20		46.62
1966-07-23		47.05	1966-06-25		47.70
1966-06-08		48.04	1966-05-21		47.30
1966-04-23		47.20	1966-03-19		47.85
1966-03-17		47.92	1966-02-19		47.65
1966-01-18		47.00	1965-12-27		47.65
1965-12-07		48.77	1965-11-20		47.87
1965-10-02		48.70	1965-09-15		48.90
1965-08-26		49.34	1965-08-07		49.52
1965-07-10		49.95	1965-06-10		50.77
1965-06-05		50.70	1965-05-08		50.85
1965-04-10		50.77	1965-03-13		51.20
1964-12-19		50.30	1964-11-14		50.55
1964-10-19		50.02	1964-09-12		50.75
1964-08-08		51.70	1964-07-11		52.60
1964-06-13		53.60	1964-05-08		53.64
1964-04-11		52.72	1964-03-07		52.35
1964-02-08		52.14	1964-01-18		51.37
1963-11-15		51.43	1963-10-12		51.40
1963-10-02		51.67	1963-09-24		51.91
1963-09-21		51.80	1963-09-14		51.80
1963-09-03		52.00	1963-07-30		52.65
1963-07-29		53.25	1963-07-07		53.00
1963-06-25		53.33	1963-06-02		53.64
1963-06-01		53.58	1963-04-29		54.21
1963-03-28		54.67	1963-03-09		54.92
1963-03-07		54.15	1963-02-02		54.26
1963-01-05		54.55	1962-12-08		54.47
1962-11-01		54.26	1962-09-29		54.34
1962-09-08		53.51	1962-07-28		54.84
1962-07-02		55.09	1962-06-06		55.59
1962-03-22		56.56	1962-01-20		55.05
1961-12-19		54.60	1961-12-09		54.84
1961-10-21		56.09	1961-10-18		55.88
1961-09-16		56.32	1961-08-09		55.44
1961-07-18		56.37	1961-06-23		55.55
1961-05-20		56.42	1961-03-04		55.42
1961-01-14		54.76	1960-12-07		54.68
1960-11-19		55.17	1960-09-24		54.61
1960-08-04		53.86	1960-06-28		53.82
1960-06-04		54.09	1960-05-31		54.24
1960-04-30		54.17	1960-03-19		54.01
1960-02-13		53.24	1960-01-09		53.17
1959-12-05		52.80	1959-10-31		53.20
1959-10-21		53.76	1959-09-26		53.41

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-08-29		54.17	1959-07-28		54.24
1959-07-25		54.19	1959-07-02		54.99
1959-06-27		54.11	1959-06-03		54.72
1959-05-27		54.66	1959-05-20		54.81
1959-05-14		54.74	1959-05-04		54.78
1959-05-02		54.81	1959-04-03		54.61
1959-03-28		54.51	1959-02-28		53.74
1959-02-26		53.74	1959-02-01		53.85
1959-01-29		53.86	1958-12-03		54.48
1958-11-05		54.95	1958-09-30		54.49
1958-09-03		54.61	1958-07-31		55.21
1958-07-02		55.87	1958-05-28		56.51
1958-05-01		56.11	1958-04-30		55.97
1958-04-01		55.39	1958-02-26		52.74
1958-02-03		53.08	1957-12-19		51.36
1957-12-06		50.79	1957-11-07		51.12
1957-09-27		51.65	1957-08-30		51.94
1957-08-01		52.39	1957-07-30		52.54
1957-06-27		53.15	1957-06-04		53.69
1957-05-03		54.40	1957-04-25		54.37
1957-04-03		53.36	1957-02-26		53.18
1957-01-29		53.14	1956-12-18		53.31
1956-12-04		53.48	1956-11-30		53.34
1956-10-26		53.51	1956-10-03		53.72
1956-08-29		54.49	1956-07-27		55.29
1956-06-27		55.40	1956-06-12		55.74
1956-05-02		56.54	1956-04-17		57.08
1956-02-29		55.46	1956-01-27		54.50
1955-12-27		55.34	1955-12-06		56.18
1955-11-29		56.29	1955-11-09		56.22
1955-09-26		54.59	1955-08-24		55.51
1955-07-28		52.75	1955-07-27		52.94
1955-07-05		53.14	1955-05-24		53.94
1955-04-27		54.42	1955-04-08		54.82
1955-03-28		54.54	1955-02-25		53.99
1955-01-24		54.53	1954-12-27		54.54
1954-12-02		53.77	1954-10-25		53.42
1954-09-29		53.97	1954-09-25		54.18
1954-08-23		52.94	1954-07-27		52.97
1954-06-29		53.64	1954-05-25		54.34
1954-04-28		54.27	1954-04-26		54.39
1954-03-23		53.98	1954-02-25		53.76
1954-01-26		54.03	1953-12-18		54.55
1953-11-25		53.66	1953-10-30		53.86
1953-09-30		54.49	1953-08-24		55.70
1953-08-04		55.80	1953-07-25		54.80
1953-06-30		56.69	1953-05-29		57.31
1953-04-28		57.77	1953-03-31		57.01
1953-03-30		56.76	1953-02-25		54.44
1953-02-05		54.04	1952-12-22		53.46
1952-12-01		53.17	1952-11-03		53.76
1952-10-23		54.22	1952-09-24		54.91
1952-08-27		55.61	1952-07-28		55.69
1952-06-23		56.66	1952-06-19		56.92
1952-05-28		55.43	1952-04-29		54.92

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1952-04-02		54.92	1952-02-25		54.24
1952-02-06		54.04	1951-12-17		52.24
1951-11-30		52.26	1951-11-27		52.14
1951-10-29		51.38	1951-09-27		51.72
1951-08-27		52.41	1951-07-25		52.86
1951-06-27		53.35	1951-05-28		53.74
1951-05-19		53.70	1951-04-24		53.94
1951-03-29		53.27	1951-02-26		52.85
1951-01-29		51.45	1950-12-19		51.13
1950-11-30		51.29	1950-10-30		51.54
1950-09-25		52.34	1950-09-05		52.78
1950-08-29		52.66	1950-07-31		52.56
1950-06-29		53.00	1950-05-31		52.56
1950-05-03		52.51	1950-04-04		53.09
1950-03-01		53.16	1950-01-26		51.81
1949-12-29		52.04	1949-11-30		52.36
1949-10-28		52.96	1949-09-26		53.70
1949-08-29		54.06	1949-07-25		54.67
1949-06-28		55.38	1949-05-31		56.25
1949-04-25		56.16	1949-03-30		56.33
1949-03-07		56.49	1949-01-26		55.60
1948-12-28		53.51	1948-12-07		53.63
1948-11-03		54.89	1948-09-29		54.71
1948-08-30		55.69	1948-07-29		56.25
1948-06-29		55.99	1948-05-30		56.04
1948-05-03		55.39	1948-03-25		55.14
1948-02-27		54.39	1948-02-07		53.20
1948-01-02		52.60	1947-11-28		53.07
1947-10-25		51.89	1947-09-27		52.50
1947-09-10		52.81	1947-08-07		53.40
1947-07-07		52.93	1947-06-02		53.47
1947-04-30		53.27	1947-04-07		52.57
1947-02-28		51.78	1947-01-31		52.02
1946-12-30		52.04	1946-11-27		52.40
1946-10-30		53.05	1946-09-25		53.59
1946-08-29		54.12	1946-07-26		54.35
1946-07-02		54.73	1946-06-05		54.75
1946-05-01		53.92	1946-03-29		54.15
1946-02-27		53.63	1946-02-07		53.90
1946-01-04		53.47	1945-11-28		52.11
1945-11-01		52.06	1945-10-02		52.58
1945-09-05		53.15	1945-08-03		53.63
1945-06-26		54.06	1945-06-01		54.34
1945-04-30		54.14	1945-03-28		54.36
1945-03-01		53.99	1945-01-31		53.57
1944-12-26		53.76	1944-11-28		52.88
1944-10-31		52.87	1944-09-27		53.63
1944-08-28		53.30	1944-07-29		53.94
1944-06-29		54.74	1944-05-30		55.60
1944-04-29		56.06	1944-04-01		54.84
1944-02-26		53.68	1943-12-31		52.94
1943-11-29		53.64	1943-11-01		53.13
1943-09-27		52.77	1943-08-30		52.14
1943-08-02		52.64	1943-06-25		53.14
1943-05-27		53.36	1943-04-30		53.59

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-03-29		54.04	1943-02-26		53.42
1943-01-29		52.62	1943-01-01		52.31
1942-11-30		51.99	1942-10-30		52.18
1942-10-02		52.71	1942-08-31		53.34
1942-07-31		52.12	1942-06-29		51.74
1942-05-29		51.98	1942-05-01		52.33
1942-03-30		52.54	1942-02-27		51.19
1942-01-30		50.34	1942-01-02		50.62
1941-12-01		50.72	1941-10-31		51.12
1941-09-29		51.68	1941-08-29		52.30
1941-08-01		52.76	1941-06-30		53.19
1941-06-02		52.98	1941-05-05		53.40
1941-03-28		53.54	1941-02-28		53.25
1941-01-31		52.51	1940-12-27		52.16
1940-11-29		52.43	1940-11-01		52.43
1940-09-27		52.78	1940-08-30		53.24
1940-08-02		53.72	1940-06-28		54.35
1940-05-31		54.77	1940-04-29		54.99
1940-03-29		53.95	1940-03-01		52.91
1940-02-02		52.89	1939-12-29		53.18
1939-12-01		53.64	1939-11-03		53.46
1939-09-29		53.75	1939-09-01		54.39
1939-07-28		55.05	1939-06-30		55.98
1939-06-02		56.79	1939-04-28		57.97
1939-04-21		58.18			

**G44**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS2117476**

Agency cd:	USGS	Site no:	404348073260801
Site name:	N 9923. 1		
Latitude:	404347		
Longitude:	0732607	Dec lat:	40.72982191
Dec lon:	-73.43484512	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	059
Country:	US	Land net:	Not Reported
Location map:	NM1021 3 99	Map scale:	Not Reported
Altitude:	68.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19811110
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	43.	Hole depth:	47.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
Water quality data end date: 1986-05-20  
Ground water data begin date: 1985-08-29  
Ground water data count: 2

Water quality data begin date: 1986-05-20  
Water quality data count: 1  
Ground water data end date: 1986-05-20

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel
1986-05-20		50.41

Date	Feet below Surface	Feet to Sealevel
1985-08-29		51.51

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

State Database: NY Radon

#### Radon Test Results

Zip	Num Sites	< 4 Pci/L	>= 4 Pci/L	>= 20 Pci/L	Avg > 4 Pci/L	Max Pci/L
11735	11	11 (100%)	0 (0%)	0 (0%)	1.50	3.0

Federal EPA Radon Zone for SUFFOLK County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

#### Federal Area Radon Information for SUFFOLK COUNTY, NY

Number of sites tested: 183

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.670 pCi/L	100%	0%	0%
Basement	1.010 pCi/L	98%	2%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **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.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 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 and 2005 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Freshwater Wetlands**

Source: Department of Environmental Conservation

Telephone: 518-402-8961

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **New York Public Water Wells**

Source: New York Department of Health

Telephone: 518-458-6731

#### **Oil and Gas Well Database**

Department of Environmental Conservation

Telephone: 518-402-8056

These files contain records, in the database, of wells that have been drilled.

## OTHER STATE DATABASE INFORMATION

### RADON

#### **State Database: NY Radon**

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### **Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# Environmental Site Remediation Database Search Details

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## Site Record

### Administrative Information

**Site Name:** Brandt Airflex

**Site Code:** 152183

**Program:** State Superfund Program

**Classification:** 02

**EPA ID Number:**

### Location

**DEC Region:** 1

**Address:** 937 & 965 Conklin Street

**City:** East Farmingdale **Zip:** 11735

**County:** Suffolk

**Latitude:** 40.737901210

**Longitude:** -73.425837920

**Site Type:**

**Estimated Size:** 2.000 Acres

### Institutional And Engineering Controls

No Institutional And Engineering Controls Information Available

### Site Owner(s) and Operator(s)

**Current Owner Name:** 937 - 941 Conklin Street Associates

**Current Owner(s) Address:** 38 Highland Place  
Great Neck, NY, 11020

**Current Owner Name:** 937 - 941 Conklin Street Associates

**Current Owner(s) Address:** 38 HIGHLAND PLACE  
GREAT NECK, NY, 11020

**Owner(s) during disposal:** 937 - 941 CONKLIN STREET ASSOCIATES

**Owner(s) during disposal:** Information not available

**Operator during disposal:** Brandt Airflex

**Stated Operator(s) Address:** 937 & 965 Conklin Street  
West Babylon, NY 11704

**Operator during disposal:** 937 - 941 CONKLIN STREET ASSOCIATES

**Stated Operator(s) Address:** 937 - 965 CONKLIN STREET

WEST BABYLON, NY 11735

## Site Document Repository

No Repository Information Available

## Hazardous Waste Disposal Period

No Hazardous Waste Disposal information available

## Site Description:

The premises include two single story masonry buildings at 937 and 965 Conklin Street, occupying 1.5 and 0.6 acres, respectively. Both properties are currently occupied by Airflex Industrial Corp. The 937 Conklin Street facility houses a light manufacturing operation involved in the business of architectural and ornamental metal working. The majority of the products are decorative metals such as brass, aluminum, and stainless steel which do not require chemical coatings or treatment. As such, the design and metal working processes are completed on site without the use of chemicals. Finishing, if required, is performed off site by subcontractors. The 965 Conklin Street property is used for the packaging and storage of finished ornamental metal products prior to shipping. These premises, as well as properties to the north and west, were at one time under single ownership and utilized for textile related operations by the Independent Silk Dyeing Company, Inc., later the Independent Textile Dyeing Company, Inc., which conducted silk and textile screening operations at the site from 1914 until 1958. Textile screening and dyeing operations ceased at that time. The property was split up and sold in 1972. Jayne Textile Printing Corporation began conducting screen and textile printing operations on the northern portion of the former Independent property at that time, and was reorganized into the Kenmark Textile Printing Corporation in 1975. The Kenmark site was listed on the USEPA National Priorities List (NPL) (NYSDEC ID # 152032) in 1986 due to the discharge of metal- and phenol- contaminated wastewater into an on-site leaching pit. The Remedial Investigation conducted under NYSDEC and USEPA oversight found that the contaminants of concern were limited to metals. The primary areas of concern were wastewater sludge drying beds and the leachate pit for wastewater derived from the sludge. A Remedial Action, conducted under NYSDEC supervision in 1985, had already

removed the most contaminated soils and wastes. RI groundwater sampling showed decreasing metals contamination and only negligible VOC contamination in wells at and downgradient of the disposal areas. This resulted in a March 30, 1994 No Further Action Record of Decision by USEPA. Subsequent to the 1972 sale, the southern portion of the former Independent property became the Brandt Airflex (and later the Airflex Industrial Corp.) facility. During a routine inspection of the Brandt Airflex property in 1994, the Suffolk County Department of Health Services (SCDHS) found PCE contamination in the facility's drywell and required that it be cleaned out. This drywell reportedly took in discharges from leaking drums and illegal paint spraying operations that were ongoing prior to notification by SCDHS to cease this operation. After cleanout, the endpoint soil sample contained 30 ppm of PCE and 0.5 ppm of TCE. Additional soil was removed but complete cleanup was unattainable and groundwater investigations followed. In August 1994, high levels of PCE and TCE were found in groundwater at the water table just downgradient of the drywell while only low levels of PCE were found in the nearby upgradient sample. In January 2005, groundwater taken from 6 intervals within the drywell ranging from the water table to 31 feet below the water table indicated very high levels of PCE (72.7 ppm to 124.4 ppm) throughout the water column with the highest concentration occurring in the deepest sample. In November 1996, high levels of PCE (1.1 ppm to 3.8 ppm) were found in groundwater samples from 3 locations downgradient of and on the opposite side of the building from the drywell. A remedial investigation/feasibility study needs to be conducted for this site.

## Material Disposed of at Site and Quantity:

Type of Waste	Quantity of Waste
TETRACHLOROETHYLENE (PCE)	UNKNOWN
SOLVENTS	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

## **Assessment of Environmental Problems:**

There is a significant downgradient, offsite plume of perchlorethene, as documented from groundwater sampling data from the Fairchild Republic site. The apparent source is the drywell in the rear of the 937 Conklin Street building. The Brandt Airflex Corp. Closure Report for the Clean-up of two drywells at 937 and 965 Conklin Street indicates that August 2, 1993 sampling of the sludge from the storm drain next to the dumpster at the loading dock at 937 Conklin Street contained xylenes and paint solvents.

## **Assessment of Health Problems:**

The area is mixed residential and commercial, with the residences located south of the site. Groundwater flows south, southwest and is twenty-four feet deep. Public water serves the area and is regularly monitored. Therefore, exposure to contaminated groundwater is not expected. All other potential exposure routes will be assessed during the upcoming investigation.

**For more Information: [E-mail Us](#)**

[Back to Search Results](#)



## **The EDR Aerial Photo Decade Package**

**Pinelwn/ Farmingdale Hortonsphere  
Broad Hollow Road/ Conklin Street  
Farmingdale, NY 11735**

**Inquiry Number: 1898596.5**

**April 10, 2007**

## **The Standard in Environmental Risk Information**

**440 Wheelers Farms Road  
Milford, Connecticut 06461**

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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**Date EDR Searched Historical Sources:**

Aerial Photography April 10, 2007

**Target Property:**

Broad Hollow Road/ Conklin Street

Farmingdale, NY 11735

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1957	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F4/Flight Date: April 15, 1957	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F4/Flight Date: March 08, 1966	EDR
1976	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F4/Flight Date: March 24, 1976	EDR
1980	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F4/Flight Date: September 08, 1980	EDR
1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F4/Flight Date: April 08, 1994	EDR

1431-133



INQUIRY #: 1898596.5  
YEAR: 1957

| = 750'







INQUIRY #: 1898596.5

YEAR: 1966

| = 750'







INQUIRY #: 1898596.5

YEAR: 1976

| = 750'







**INQUIRY #:** 1898596.5

**YEAR:** 1980

| = 833'







**INQUIRY #:** 1898596.5  
**YEAR:** 1994  
| = 833'



# **EDR Historical Topographic Map Report**

**Pinelwn/ Farmingdale Hortonsphere  
Broad Hollow Road/ Conklin Street  
Farmingdale, NY 11735**

**Inquiry Number: 1898596.4**

**April 10, 2007**



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# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: BABYLON MAP YEAR: 1903</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Pinelwn/ Farmingdale Hortonsphere</p> <p>ADDRESS: Broad Hollow Road/ Conklin Street</p> <p>Farmingdale, NY 11735</p> <p>LAT/LONG: 40.7397 / 73.4227</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898596.4</p> <p>RESEARCH DATE: 04/10/2007</p>
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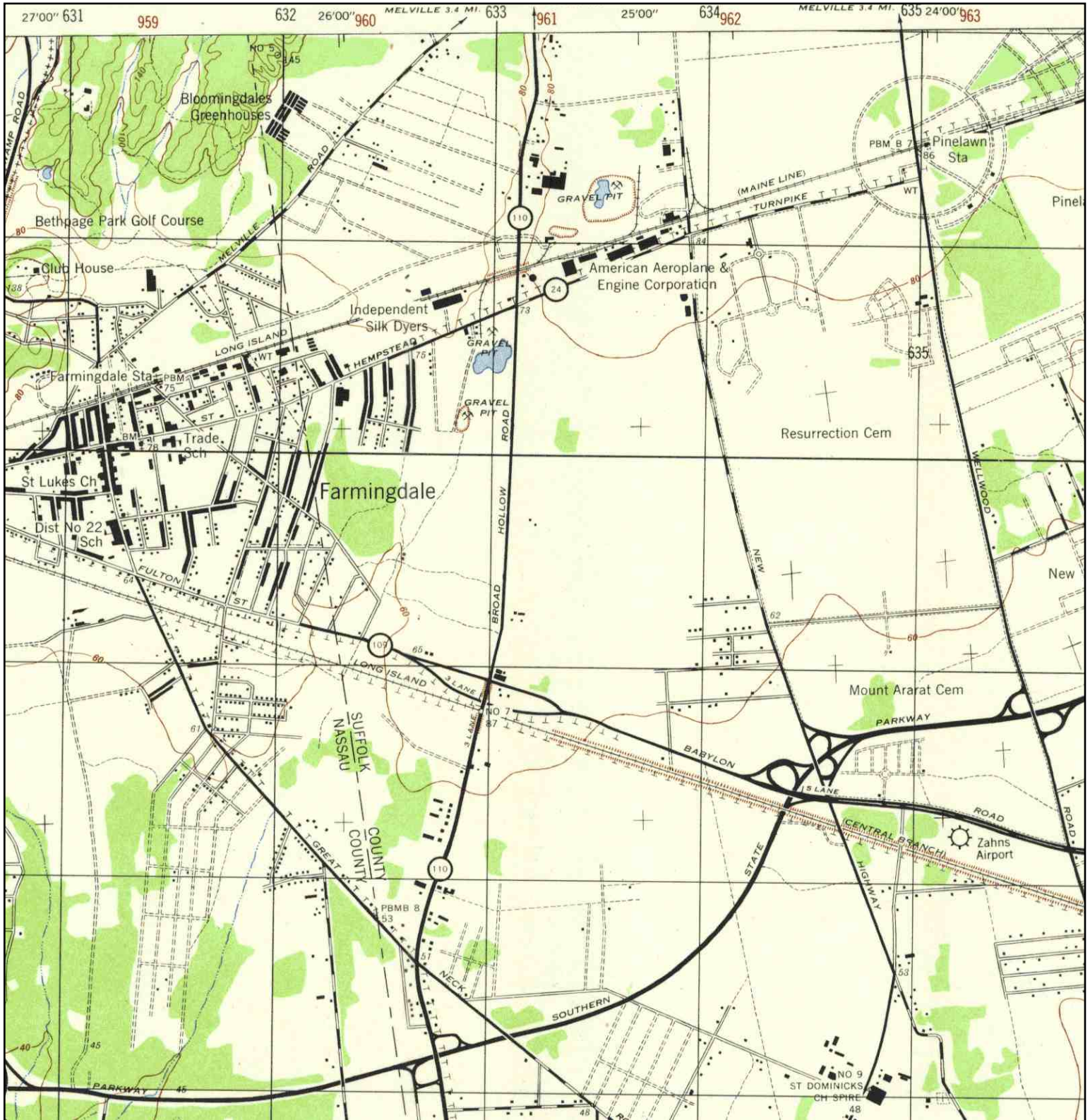
# Historical Topographic Map



<div data-bbox="73 1816 105 1921"> </div>	<p>TARGET QUAD NAME: ISLP MAP YEAR: 1904</p> <p>SERIES: 30 SCALE: 1:125000</p>	<p>SITE NAME: Pinelwn/ Farmingdale Hortonsphere</p> <p>ADDRESS: Broad Hollow Road/ Conklin Street</p> <p>Farmingdale, NY 11735</p> <p>LAT/LONG: 40.7397 / 73.4227</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898596.4</p> <p>RESEARCH DATE: 04/10/2007</p>
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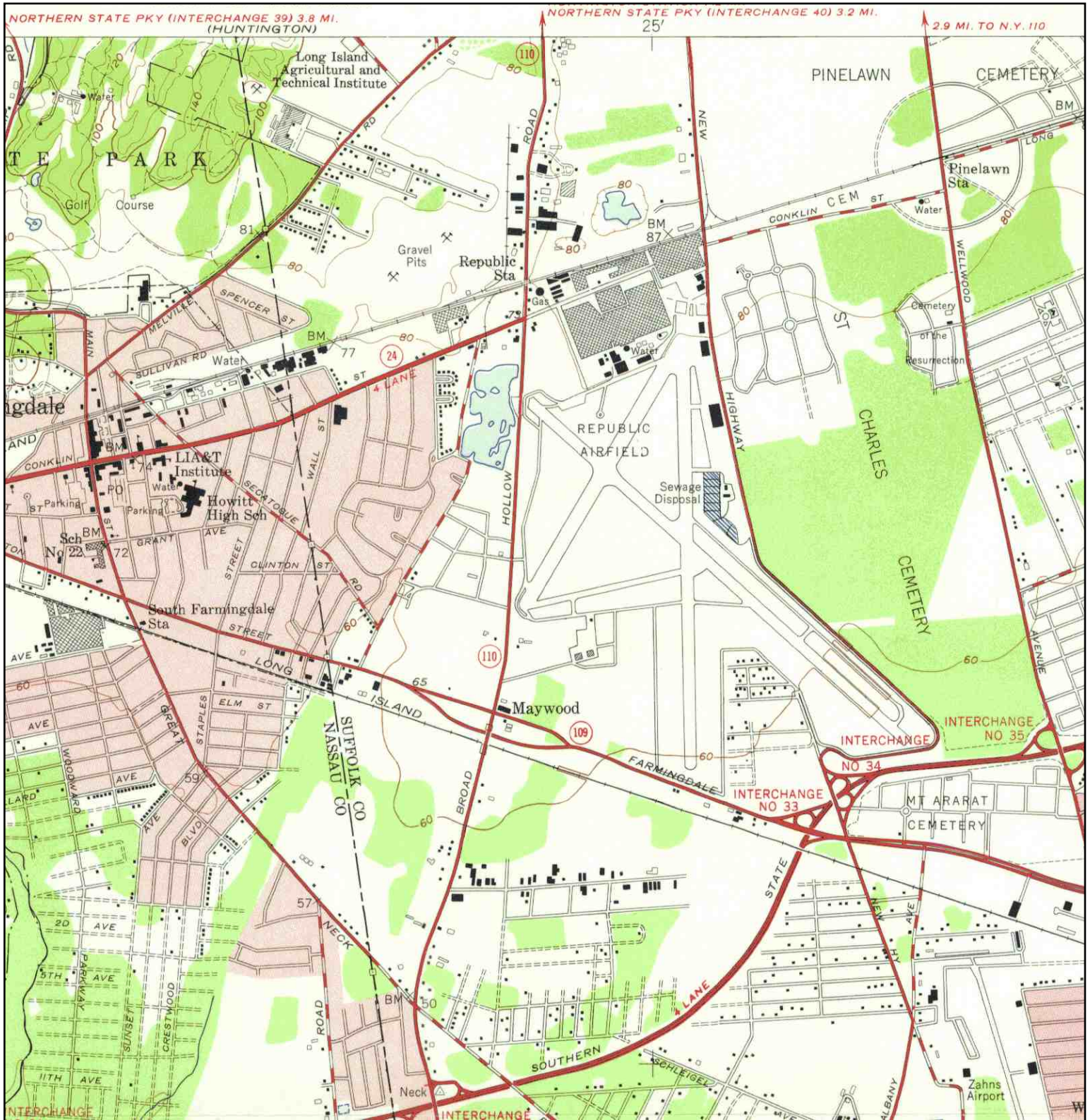
# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: AMITYVILLE MAP YEAR: 1947</p> <p>SERIES: 7.5 SCALE: 1:25000</p>	<p>SITE NAME: Pinelwn/ Farmingdale Hortonsphere</p> <p>ADDRESS: Broad Hollow Road/ Conklin Street</p> <p>Farmingdale, NY 11735</p> <p>LAT/LONG: 40.7397 / 73.4227</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898596.4</p> <p>RESEARCH DATE: 04/10/2007</p>
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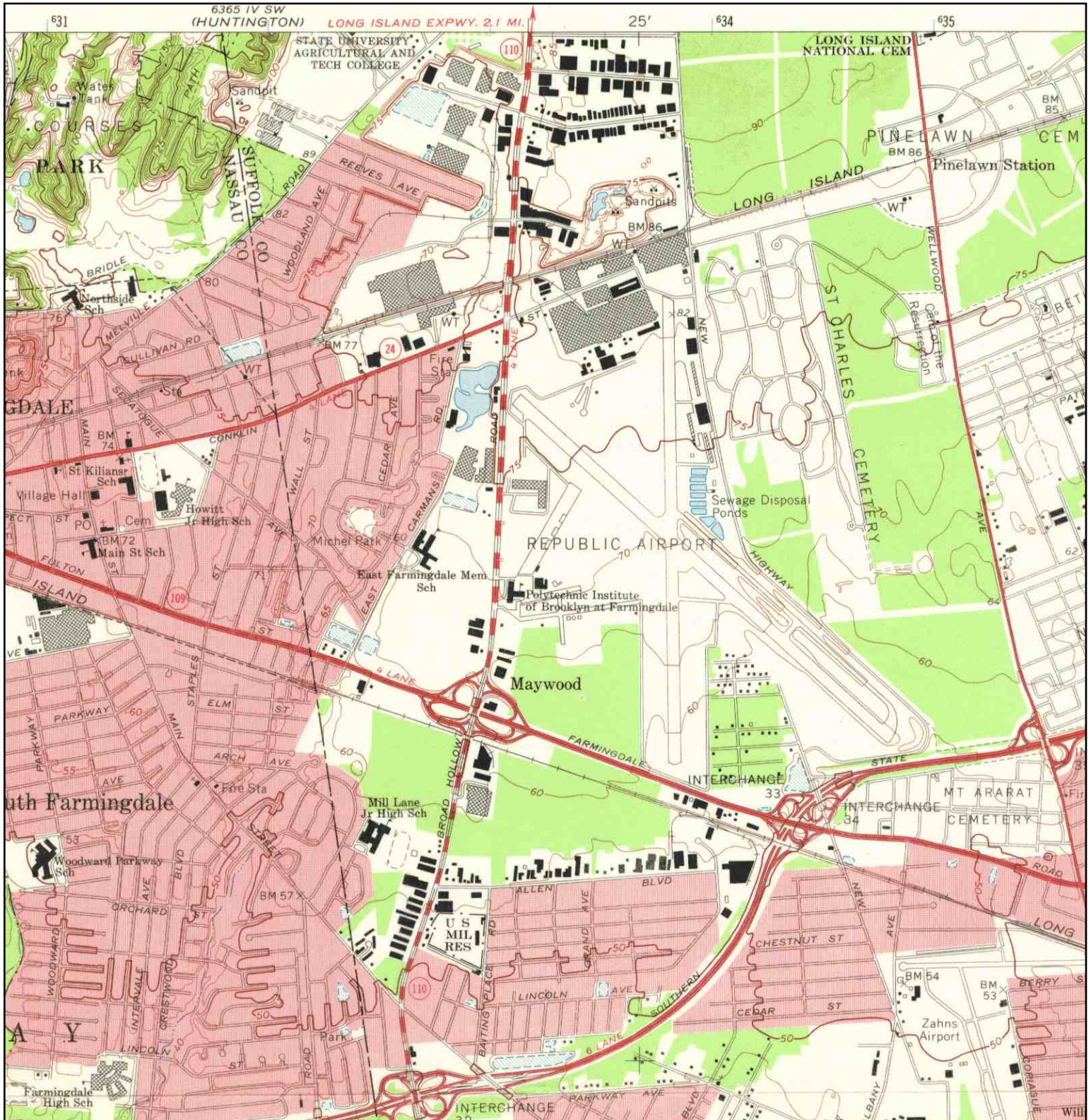
# Historical Topographic Map



<p>N</p>	<p>TARGET QUAD NAME: AMITYVILLE MAP YEAR: 1954</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Pinelwn/ Farmingdale Hortonsphere</p> <p>ADDRESS: Broad Hollow Road/ Conklin Street</p> <p>Farmingdale, NY 11735</p> <p>LAT/LONG: 40.7397 / 73.4227</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898596.4</p> <p>RESEARCH DATE: 04/10/2007</p>
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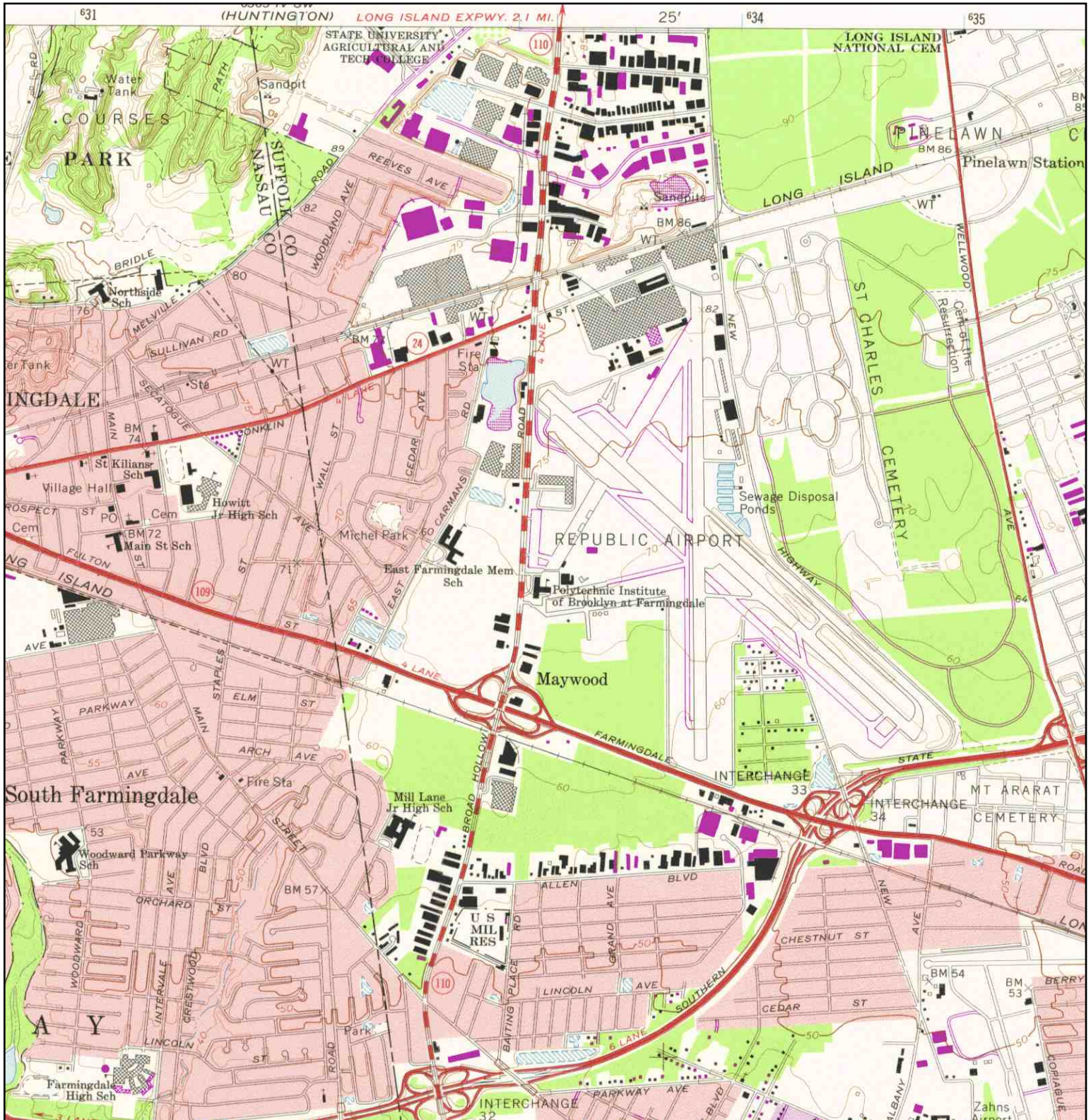
# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: AMITYVILLE MAP YEAR: 1969</p> <p>SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Pinelwn/ Farmingdale Hortonsphere</p> <p>ADDRESS: Broad Hollow Road/ Conklin Street</p> <p>Farmingdale, NY 11735</p> <p>LAT/LONG: 40.7397 / 73.4227</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898596.4</p> <p>RESEARCH DATE: 04/10/2007</p>
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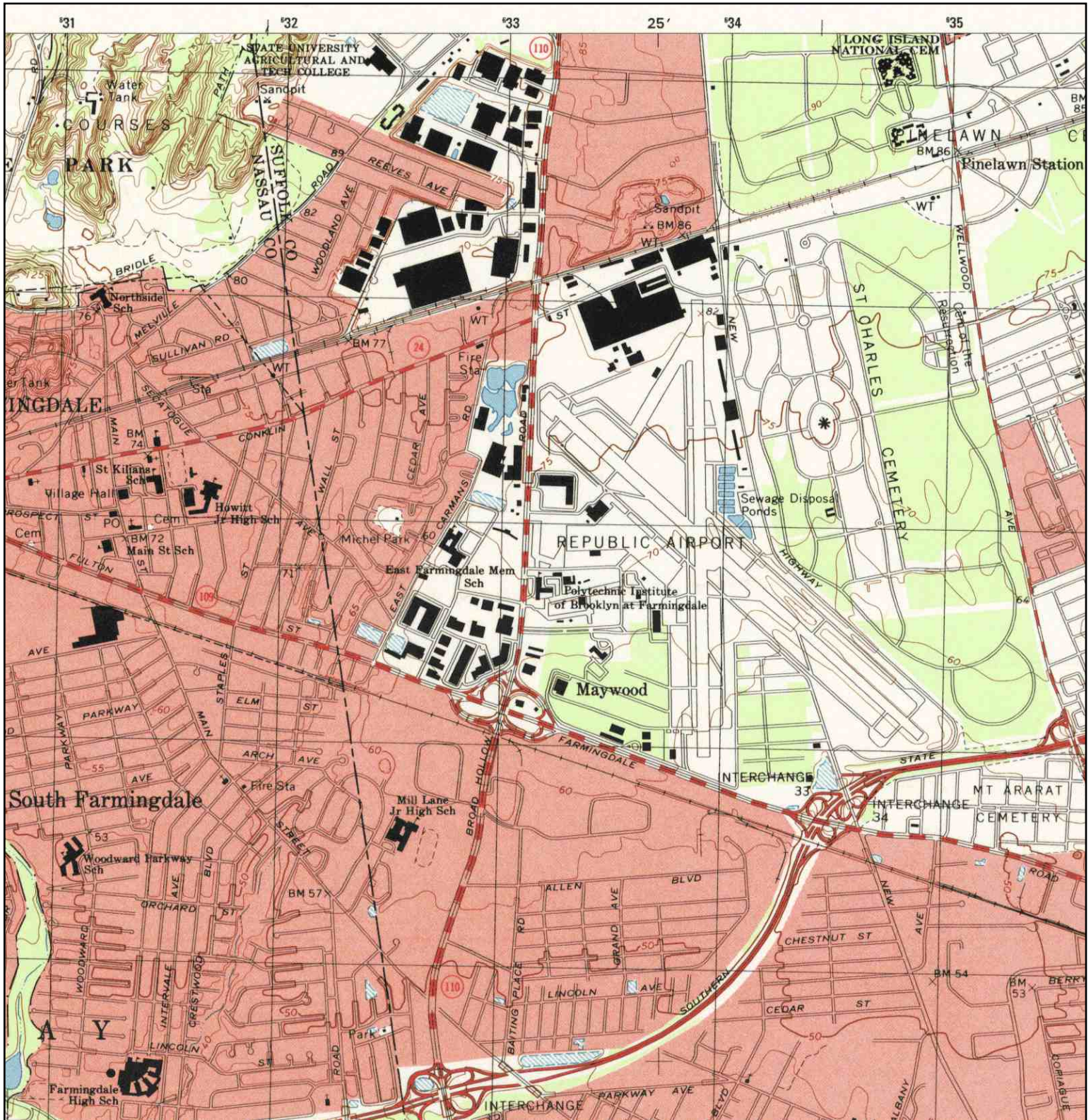
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Pinelwn/ Farmingdale Hortonsphere	CLIENT:	GEI Consultants Inc.
	NAME: AMITYVILLE	ADDRESS:	Broad Hollow Road/ Conklin Street	CONTACT:	Lynn Willey
	MAP YEAR: 1979			INQUIRY#:	1898596.4
	PHOTOREVISED FROM:1969			RESEARCH DATE:	04/10/2007
	SERIES: 7.5		Farmingdale, NY 11735		
	SCALE: 1:24000	LAT/LONG:	40.7397 / 73.4227		



# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Pinelwn/ Farmingdale Hortonsphere	CLIENT:	GEI Consultants Inc.
	NAME: AMITYVILLE	ADDRESS:	Broad Hollow Road/ Conklin Street	CONTACT:	Lynn Willey
	MAP YEAR: 1994			INQUIRY#:	1898596.4
	SERIES: 7.5		Farmingdale, NY 11735	RESEARCH DATE:	04/10/2007
	SCALE: 1:24000	LAT/LONG:	40.7397 / 73.4227		





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## Sanborn® Map Report

**Ship To:** Lynn Willey  
GEI Consultants Inc.  
455 Winding Brook Drive  
Glastonbury, CT 06033

**Order Date:** 4/9/2007    **Completion Date:** 4/10/2007  
**Inquiry #:** 1898596.3s  
**P.O. #:** NA  
**Site Name:** Pinelwn/ Farmingdale Hortonsphere

**Customer Project:** NA  
1081503PVC    203-537-0751

**Address:** Broad Hollow Road/ Conklin Street  
**City/State:** Farmingdale, NY 11735  
**Cross Streets:**

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

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**Table 1**  
**Summary of Environmental Records Information**  
**Pinelawn/ Farmingdale Hortonsphere Site**  
**East Farmingdale, New York**

On Site			
Parcel I.D. No.	Company Name [Location]	Facility Operations (years)	Environmental Records Information
1	Long Island Lighting Company (LILCO)/ Long Island Power Authority (LIPA) [Route 110/ Broad Hollow Road] Road/ Conklin Street (Route 24)]	Pinelawn Farmingdale Electrical Substation (1927 until circa mid 1970's)	None
Abutting Properties			
--	None	None	None
Properties within One Block			
2	American Aeroplane Engine Corporation [Unknown]	Possible Manufacturing (1947)	The 1947 Historical Topographic maps shows the buildings associated with the American Aeroplane Engine Corporation.
	Fulton Motor Corporation	Possible Manufacturing (1927)	A 1927 property survey map shows a building associated with the Fulton Motor Corporation.
	Grumman Aircraft Engineering Corporation	Aircraft Manufacturing (1927)	Grumman aircraft "The Farmingdale Years 1932 -1937 obtained from ( <a href="http://www.grummanpark.org/farmingdale.htm">http://www.grummanpark.org/farmingdale.htm</a> )
	Arrow Metals Incorporated (aka Arrow Metals Salvage Corp.) [1031 Conklin Street]	Unknown (Recent)	Small quantity generator [NYS980766927] of hazardous wastes (D-002 non-listed corrosive wastes)
3	Independent Silk Dyers	Textile Manufacturing (1947)	The 1947 Historical Topographic maps shows the buildings associated with the American Aeroplane Engine Corporation.
	Independent Silk Dyeing Company, Inc./Textile Dyeing Company, Inc.[937-941 Conklin Street]	Textile Screening and Dyeing (1914 and 1958)	NYSDEC Environmental Site Remediation Database indicates that the site was used for silk and textile screening operations.
	Kenmark Textile Printing Corporation [937-941 Conklin Street]	Screening and Textile Printing (1972-Recent)	The site is a de-listed national priorities listed (NPL), Comprehensive Environmental Response, Compensation Liability Information System (CERCLIS) and a NYSDEC state superfund site for the release of metal and phenol impacted waste waters to sludge drying beds. Remedial action has been completed under NYSDEC supervision and the EPA has issued a no further action records of decision. The site is listed as a small quantity generator of hazardous waste and has records of fuel oil storage in underground storage tanks (USTs) and hazardous waste in aboveground storage tanks (ASTs), all of which are removed.
4	Republic Airfield	Airport (1954 until present)	Republic Airfield/ Airport is shown on historical topographic maps from 1954 until 1994.
5	Hazardous Waste Disposal Inc. [11A Picone Boulevard]	Former Hazardous Waste Transfer Storage Transfer and Recycling Operation (1979 to 1982)	Site is a NYSDEC state superfund site. Hazardous Waste Disposal Incorporated utilized the facility for the storage of hazardous wastes in drums, ASTs and a sludge pit. Hazardous Waste Disposal Inc. was listed as a small quantity generator of hazardous waste with resource conservation recovery act (RCRA) violations and corrective actions. A record of decision has been issued for the site and remediation has been initiated.
6	Fairchild Republic Company/ Fairchild Holding Corporation/ Fairchild Industries Inc. [Conklin Street]	Airplane Manufacturing (1930 to 1986)	Site is a NYSDEC state superfund site. The site was used for airplane manufacturing for the air force. The site has a long history of spills and leaks in tanks, pipelines and various manufacturing processes. Groundwater is contaminated with chlorinated solvents at the site and to the south-southeast of the site. The site is listed as a small quantity generator of hazardous waste with violations and RCRA corrective action.
7	Decon Ford Truck Sales Inc. [1600 Route 110/ Broad Hollow Road]	Truck Sales (Recent)	SGQ of hazardous waste and has records for the removal of five gasoline USTs at the parcel.
8	Brown Strober Home Center [1644 Route 110/ Broad Hollow Road]	Commercial (Recent)	Leaking storage tank incident (LTANK) report where a 2,000 gallon UST failed a tank test. Tank was removed.
8	Macys Furniture Store [1640 Route 110/ Broad Hollow Road]	Commercial (Recent)	LTANK report where a fuel oil UST failed a tank test. Tank was removed.
9	Broad Properties Inc. [1637 Route 110/ Broad Hollow Road]	Commercial (Recent)	Records for five diesel ASTs that have been removed.

**Table 1**  
**Summary of Environmental Records Information**  
**Pinelawn/ Farmingdale Hortonsphere Site**  
**East Farmingdale, New York**

On Site			
Parcel I.D. No.	Company Name [Location]	Facility Operations (years)	Environmental Records Information
10	Chase Bank [1745 Route 110/ Broad Hollow Road]	Commercial (Recent)	LTANK report that documents the removal of a #2 fuel oil tank where contaminated soils were encountered.
11	Ameranda Hess Corporation [1590 Route 110/ Broad Hollow Road]	Gasoline Service Station (Recent)	LTANK report that documents elevated PIDs in soils at the site. Small quantity generator of hazardous wastes and has records of waste manifests.
	Flyin Hand Car Wash [1590 Route 110/ Broad Hollow Road]	Car Wash (Recent)	Five registered gasoline USTs listed for the site. All have been removed.
12	Best Buy Auto Parts [1500 Route 110/Broad Hollow Road]	Commercial (Recent)	Small quantity generator of hazardous wastes [F002-Halogenated solvents]
13	US Truck Body [East Carmans Road]	Commercial (Recent)	LTANK spill report that documents NYSDEC tank test failure and removal of a leaking tank and discovery of cesspool and floor drains. Report also identifies gasoline and diesel tank failures.
14	Best Foods Baking Corporation [8 Picone Boulevard]	Commercial (Recent)	Small quantity generator of hazardous wastes.
	Family Moving and Storage [8 Picone Boulevard]	Commercial (Recent)	Three registered gasoline and diesel USTs that were removed and one AST.
15	Ronnies Truck Service Inc./S. B. Thomas	Commercial (Recent)	Small quantity generator of hazardous waste with waste manifests for [F002-Halogenated solvents]
16	Biosystems Inc. [210 Sherwood Avenue]	Solids Waste Facility (Recent)	Solid waste facility for regulated medical wastes.
17	Midway Ind. Electronics [920 Conklin Street]	Commercial (Recent)	LTANK report for failed tank test. Tank removed.
18	White Rose Foods [150 Price Parkway]	Commercial (Recent)	TANK report that documents a leaking UST.
19	LILCO [Unknown]	Pole Transformer (Current)	NYSDEC Spill # 9007877: Spilled 50 gallons of transformer oil (Closed on 03/12/2001)
20	Brandt Airflex (aka Airflex Industrial Corp. [937-941 Conklin Street])	Manufacturing (1972 until present)	NYSDEC hazardous waste site. Solvents encountered in groundwater associated with a dry well that received discharges from drums and paint spraying operations.
21	Ryder Truck Rental Inc. [11 Picone Boulevard]	Truck Rental (Recent)	A small quantity generator of hazardous waste.

**Notes:**

AST - Above ground bulk petroleum storage tank.  
 LTANK - Leaking storage tank.  
 UST - Underground storage tank.  
 RCRA-Resource Conservation Recovery Act  
 LQG-Large Quantity Generator  
 NYSDEC-New York State Department of Environmental Protection

Prepared by: LEW

**Table 2**  
**Sample Descriptions, Rationale and Analysis**  
**Pinelawn/Farmingdale Hortonsphere Site**  
**East Farmingdale, New York**

Sample I.D.	Sample Location	Sample Rationale	Number of Samples			VOCs (EPA 826B)	SVOCs (EPA 8270C)	TAL Metals (EPA 6000/7000)	Herbicides (EPA 8151A)	PCBs/ Pesticides (EPA 8082)	Sulfide (EPA 9034)	Sulfate (EPA 300.0)	VOCs (EPA TO-15) ASTM 1945
			Soil	Soil Vapor	Groundwater								
Subsurface Soil Borings and Temporary Groundwater Monitoring Point													
PFH-GP-01/ PFH-GW-01	North-central portion of the current tree trimming operations yard.	Soil boring and temporary groundwater sample to provide soil and groundwater information upgradient of the footprint of a former Hortonsphere.	2		1	X	X	X	X	X	X [Soils]	X [Soils]	
PFH-GP-02/ PFH-GW-02	North-central portion of the tree trimming operations yard.	Soil boring and temporary groundwater sample to provide soil and groundwater information downgradient of the within the footprint of a former Hortonsphere.	2		1	X	X	X	X	X	X [Soils]	X [Soils]	
PFH-GP-03/ PFH-GW-03	North-central portion of the tree trimming operations yard.	Soil boring and temporary groundwater sample to provide soil and groundwater information to the west of the former Hortonsphere.	2		1	X	X	X	X	X	X [Soils]	X [Soils]	
PFH-GP-04/ PFH-GW-04	North-central portion of the tree trimming operations yard.	Soil boring and temporary groundwater sample to provide soil and groundwater information to the south/southeast of the footprint of the former Hortonsphere.	2		1	X	X	X	X	X	X [Soils]	X [Soils]	
PFH-GP-05/ PFH-GW-05	North-central portion of the tree trimming operations yard.	Soil boring and temporary groundwater sample to provide soil and groundwater information east of the footprint of a former Hortonsphere.	2		1	X	X	X	X	X	X [Soils]	X [Soils]	
Surface Soil Sample Locations													
PFH-SS-01	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	
PFH-SS-02	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	
PFH-SS-03	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions within the footprint of the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	

**Table 2**  
**Sample Descriptions, Rationale and Analysis**  
**Pinelawn/Farmingdale Hortonsphere Site**  
**East Farmingdale, New York**

Sample I.D.	Sample Location	Sample Rationale	Number of Samples			VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (EPA 6000/7000)	Herbicides (EPA 8151A)	PCBs/ Pesticides (EPA 8082)	Sulfide (EPA 9034)	Sulfate (EPA 300.0)	VOCs (EPA TO-15) ASTM 1945
			Soil	Soil Vapor	Groundwater								
PFH-SS-04	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions adjacent to the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	
PFH-SS-05	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions to the west of the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	
PFH-SS-06	North-central portion of the tree trimming operations yard.	Soil sample to evaluate surface soil conditions adjacent to the former Hortonsphere.	1			X	X	X	X	X	X [Soils]	X [Soils]	
<b>Soil Vapor Sample Location</b>													
PFH-SV-01	North-central portion of the tree trimming operations yard.	Soil vapor sample to screen the soil vapor conditions within the footprint of the former Hortonsphere.		1									X
PFH-SV-02	North-central portion of the tree trimming operations yard.	Soil vapor sample to screen the soil vapor conditions to the south of the former Hortonsphere.		1									X
PFH-SV-03	North-central portion of the tree trimming operations yard.	Soil vapor sample to screen the soil vapor conditions to the east of the former Hortonsphere.		1									X
PFH-SV-04	North-central portion of the tree trimming operations yard.	Soil vapor sample to screen the soil vapor conditions on the northern boundary of the former Hortonsphere property.		1									X
PFH-SV-05	North-central portion of the tree trimming operations yard.	Soil vapor sample to screen the soil vapor conditions to the west of the former Hortonsphere .		1									X
<b>Notes:</b> Chemical analysis test methods specified are from U.S. EPA SW-846 test methods EPA TO-15 analysis will include VOCs and naphthalene [TO-15 KeySpan Parameter List] EPA stands for the Environmental Protection Agency VOC stands for volatile organic compounds SVOC stands for semi-volatile organic compounds TAL stands for target analyte list PCBs stands for Polychlorinated Biphenyls													
													Prepared by: LEW

## Appendix D

---

### Historic Hortonsphere Information

## **Review of Long Island Gas Manufacture and Distribution (1907 – 1950)**

**Submitted to:**

National Grid  
175 East Old County Road  
Hicksville, NY 11801

**Submitted by:**

GEI Consultants, Inc.  
455 Winding Brook Drive  
Suite 201  
Glastonbury, CT 06033  
860-368-5300

April 2009

Revised October 2009

---

Dennis Unites  
Sr. Vice President

## Introduction

GEI Consultants, Inc. (GEI) has conducted a review of the history of the Long Island Lighting Company (LILCO) to provide a better understanding of the manufactured gas operations and distribution. The primary objective of the review has been to determine the location of gas manufacturing plants and, secondarily, to understand the part played by the Hortonspheres in the distribution system. GEI has reviewed previously published corporate histories, the history of the MGP operations produced by Atlantic Environmental Services, Inc., (1996), annual reports on the file in the New York State Archives, and Public Service Commission (PSC) annual reports provided by National Grid. Given the passage of time, change of companies from year to year, and older recordkeeping methodologies, research is difficult and information about each location is a function of those documents that could be located.

Since 1907, utilities in New York have been required to file annual reports with the PSC. These reports have changed in format over the years, but generally require a summary of ownership, finance, and operation of the utility for the reporting year. They include a listing of major capital equipment such as gas manufacturing plants, storage tanks and gas transmission lines. While these are company prepared reports, they were subject to audit by the public service commission.

The history of LILCO is one of financial and operational consolidation that mirrored the utility industry in the rest of the United States. The period from 1910 through 1932 saw the consolidation of many small gas and electric companies into large holding companies of national or even international scope. At the same time, gas and electric generation was moving away from a model of small operations close to the energy users to larger more centralized facilities with distribution to the centers of usage.

## The Long Island Lighting Company

LILCO was incorporated on December 31, 1910 as a consolidation of Amityville Electric Light Co., Islip Electric Light Co., Northport Electric Light Co., and Sayville Electric Co.<sup>1</sup> All of these companies sold electricity exclusively; however, Islip used a producer gas engine for generation.<sup>2</sup> Subsequently, the company acquired by purchase or merger, the following companies listed in Table 1, below.

<b>Table 1 Companies Acquired by The Long Island Lighting Company</b>	
<b>Company</b>	<b>Year Acquired</b>
Babylon Electric Light Co.	1915
Suffolk Gas & Electric Light Co.	1917
South Shore Gas Co.*	1917

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<sup>1</sup> Moody's, 1995. p. 670.

<sup>2</sup> Carpenter, [n.d.]. p73

<b>Table 1 (Continued) Companies Acquired by The Long Island Lighting Company</b>	
<b>Company</b>	<b>Year Acquired</b>
Huntington Light & Power Co.	1919
Huntington Gas Co.*	1919
North Shore Electric Light & Power Co.	1919
Consumers Gas Co. of Long Island	1922
Riverhead Electric Light Co.	1922
Southold Lighting Co.*	1922
Suffolk Light, Heat & Power Co.	1922
Nassau Light & Power Co.	1922
Long Island Gas Corp.*	1924
Patchogue Gas Co.*	1924
Sag Harbor Electric Light & Power Co.	1924
Sea Cliff and Glen Cove Gas Co.*	1924
East Hampton Electric Light Co.	1926
Public Service Corp. of Long Island	1927
Clinton Gas Co.*	1930
Liland Corp.	1933
Queens Borough Gas & Electric Co.*	1950
Nassau & Suffolk Lighting Co.*	1950
Long Beach Gas Co., Inc.	1950
Shelter Island Light & Power Co.	1959
Patchogue Electric Light Co.	1964

\* indicates companies with gas manufacturing operations.

Queens Borough Gas & Electric and Nassau & Suffolk Lighting were consolidated into LILCO in 1950; however, LILCO had controlling interest in these operating companies since 1923.



## Gas Manufacture and Distribution

In the beginning of the manufactured gas era, gas was manufactured in small plants close to where it was used. Table 2 lists the original gas works that later made up the LILCO system. Over LILCO's history, these local gas manufacturing companies were consolidated into three operating companies:

Nassau & Suffolk Lighting Company, Queens Borough Gas and Electric Company, and Long Island Lighting Company. Figure 1 shows the growth of the system. The following sections provide a brief history of each of the operating companies.

<b>Table 2</b> <b>Gas Plants in the LILCO Holding Company System</b>		
<b>Gas plant</b>	<b>Years of Operation</b>	<b>Operating Company</b>
Sag Harbor	1859-1928 <sup>3</sup>	LILCO predecessor
Garden City	1874?--1906(?)	Nassau & Suffolk predecessor
Babylon	1884-1904(?)	LILCO predecessor
Hempstead Clinton	1860-1904	Nassau & Suffolk predecessor
Hempstead Intersection Street	1904-1950s	Nassau & Suffolk
Rockaway	1880-1950s	Queens Borough Gas and Electric
Far Rockaway	1895-1904(?)	Queens Borough Gas and Electric predecessor
Huntington (Halesite)	1893-1925 <sup>4</sup>	LILCO
Glen Cove	1904-1927 <sup>5</sup>	LILCO
Bay Shore	1889-1970s	LILCO
Southold	1906-1921	LILCO predecessor
Clinton (East Hampton)	1904-1930	LILCO predecessor
Patchogue	1904-1914 <sup>6</sup>	LILCO predecessor

<sup>3</sup> Last gas reported made February 1928. An auditor's note in the 1934 report indicates no manufacture after October 1932 for Huntington, Patchogue, Sag Harbor and Glen Cove.

<sup>4</sup> Last reported gas manufacture 1925.

<sup>5</sup> After 1926 PSC records show all gas purchased from Public Service of Long Island.

<sup>6</sup> PSC reports show no significant gas manufacture after 1914.

## Nassau & Suffolk Lighting Company

One of the earliest manufacturers of gas in Nassau & Suffolk Counties occurred at the Clinton Street plant which was later to become part of the Nassau & Suffolk Lighting Company system. In all, three gas works operated in the company's territory. On January 23, 1860, gas was first produced in Hempstead at a plant constructed on the east side of Clinton Street, just north of Front Street.<sup>7</sup> The plant operated until circa 1904 when it was apparently replaced by the plant at Intersection Street.<sup>8</sup> The Garden City gas works, the third plant, was acquired in 1906. Gas was produced only at the Hempstead Intersection Street facility after 1906 until the system was converted to natural gas in the 1950s.

In addition to gas storage at the manufactured gas plant, gas was stored at the Stewart Avenue holder station, constructed in 1929 and the Bellmore Hortonsphere, put into service in 1928.

Because of its location, Nassau & Suffolk served as a "middleman" in the LILCO system in the later years of gas manufacturing. It purchased large volumes of gas from Queens Borough Gas and Electric and sold large volumes to LILCO. Table 3 provides Nassau & Suffolk Intra-Company gas sales for selected years. Note that both Public Service Company of Long Island and Long Beach Gas Company were solely distribution companies, which only purchased gas throughout their corporate histories.

<b>Table 3</b> <b>Nassau &amp; Suffolk Annual Intra Company Gas Sales</b>					
<b>Year</b>	<b>Sold to</b>	<b>Volume (mmcf)*</b>	<b>Purchased from</b>	<b>Volume (mmcf)*</b>	<b>Gas Made at Plant (mmcf)*</b>
1915	Public Service Corp of LI	32		None	226
	Long Beach Gas Co.	339mcf			
1920	Public Service Corp of LI	131	Southshore Gas Co.	66mcf	512
	Long Beach Gas Co.	15			
	Masapequa Gas Electric Light & Power	413mcf			
1925	Public Service Corp of LI	233	LILCO	120mcf	846
	Long Beach Gas Co.	73			
	Masapequa Gas Electric Light & Power	2			
1930	LILCO	754	LILCO	30mcf	864
			Queens Borough Gas and Electric	964	
1935	LILCO	807	Queens Borough Gas and Electric	1082	794
1940	LILCO	1380	Queens Borough Gas and Electric	1769	1003

\* mmcf = million cubic feet, mcf = thousand cubic feet

<sup>7</sup> Carpenter,[n.d.]. P. 4.

<sup>8</sup> Atlantic Environmental Services, Inc., 1996. P. 4-11.

## Queens Borough Gas and Electric Company

Queens Borough Gas and Electric was made up of a number of small companies which went through several changes of ownership prior to the formation of Queens Borough Gas and Electric in 1902. There were two plants - Rockaway and Far Rockaway.

The first works was built in Rockaway in 1880 but did not appear to begin production until 1894.<sup>9</sup> A second works operated in Far Rockaway from 1895<sup>10</sup> until some time prior to 1908. PSC records for 1908 show the existence of the Far Rockaway works but do not indicate any production. Production at these works is not noted in subsequent reports.

Off plant gas storage facilities in the Queens Borough system were the Lynbrook Holder, a water sealed holder constructed in 1904 and decommissioned in 1932<sup>11</sup> and the Inwood holder, a large water sealed holder constructed in 1924.<sup>12</sup>

The Rockaway plant was used as a source of gas for much of the LILCO system. From the late 1920s onward, roughly half of the gas produced was sold to affiliated companies, primarily Long Beach Gas and Nassau & Suffolk. Based on Nassau and Suffolk records, it is likely that some of this gas was further sold into the LILCO distribution system. Table 4 provides a listing of selected intra company sales. 1924 was selected as the starting date because of gaps in the available PSC records.

<b>Table 4</b> <b>Queens Borough Gas and Electric Intra Company Sales</b>					
<b>Year</b>	<b>Sold to</b>	<b>Volume (mmcf)*</b>	<b>Purchased from</b>	<b>Volume (mmcf)*</b>	<b>Gas Made at Plant (mmcf)*</b>
1924		None		None	1082
1930	Nassau & Suffolk Lighting	964			2593
	Long Beach Gas Co.	188			
1935	Nassau & Suffolk Lighting	1082			2469
	Long Beach Gas Co.	156			
1940	Nassau & Suffolk Lighting	1769			3470
	Long Beach Gas Co.	177			
1945	Nassau & Suffolk Lighting	2000			3967
	Long Beach Gas Co.	236			
1945	Nassau	2000			3967

\* mmcf = million cubic feet, mcf = thousand cubic feet

<sup>9</sup> Carpenter, [n.d.]. Pp. 37-43.

<sup>10</sup> Carpenter, [n.d.] P 43.

<sup>11</sup> PSC 1932 auditors note.

<sup>12</sup> PSC 1924.

## **Long Island Lighting Company**

The Long Island Lighting Company (LILCO) name was used for both the overall holding company and the operating company which provided gas and electric services to the eastern part of the service area. It was of greater geographic extent than the other two holding companies and has a more complex history of consolidation.

South Shore Gas Company was the first gas holding incorporated into the LILCO holding company and operating company in 1917. This company owned plants in (West) Babylon and Bay Shore. The Babylon plant apparently had ceased general production prior to 1907 (when PSC reporting began), as the plant is shown as part of the capital equipment but no production records are provided.

A third plant, Halesite, was added to the system in 1919 when LILCO acquired the Huntington Gas Company. This plant operated until 1925. An auditor's note in the 1934 PSC report indicated that this plant and three others had ceased making gas in October of 1932. This note appears to indicate that subsequent to 1932 they were no longer used as a standby reserve.

Southold Lighting Company was acquired along with the Southold acetylene plant in 1922.

The Patchogue, Glen Cove, and Sag Harbor Plants were added to the system in 1924 with the acquisition of Patchogue Gas Company, Sea Cliff and Glen Cove Gas Company and the Long Island Gas Company respectively. In the case of Patchogue, regular gas manufacture had essentially ceased around 1914 and gas was purchased from a LILCO subsidiary. Glen Cove and Sag Harbor ceased regular manufacture within a few years of purchase. All three of these plants were the subject of the 1934 auditor's note that indicated no gas manufactured after October 1932.

The acquisition in 1930 of the Clinton Gas Company and its gasoline vaporization works in East Hampton was the final purchase of a gas plant. Operations at all of the ancillary plants had ceased by 1932. By then, all gas was either provided from the Bay Shore plant or purchased from the other operating companies.

The distribution system for the LILCO system was complex as befits the large geographic extent of the companies. Water sealed holders, at active or inactive plants, made up one part of the distribution system. The 1930 PSC report shows holders at: Bay Shore, Huntington, Sag Harbor, Patchogue and, Glen Cove.

High pressure tanks constructed between 1918 and 1928 also provided storage for the distribution system. The 1935 PSC report shows a total of 47 such tanks located in: Amityville (5), Sayville (3), Huntington (10), Patchogue (7), Northport (3), Southampton (3), Sag Harbor (3), Hicksville (5), and Glen Cove (8). These holders were horizontal cylinders. One point of potential confusion is that several of these storage sites, which have no history of gas manufacture, are shown on some Sanborn maps as "Electric and Gas Plants" (see for example, Amityville).

Hortonspheres also provided high pressure storage. Nine of these were constructed and incorporated in the system between 1927 and 1931. The 1935 PSC report shows the following: Farmingdale (1927), Huntington (1928), Patchogue (1927), Port Jefferson (1930), East Hampton (1930), Sag Harbor (1931), Glen Cove (1927), Manhasset (1929), and Oyster Bay (1930).

During the earlier years, LILCO was a small net exporter of gas (Table 5), selling to Patchogue Gas and Nassau & Suffolk Lighting. After 1930, its exports were limited, and some years more gas was imported than was produced at Bay Shore. In 1935 there was an inter company purchase as a relatively small amount of gas was purchased from Nassau and Queens Gas Company, A Consolidated Edison subsidiary.

<b>Table 5</b> <b>LILCO Intra Company Sales</b>					
<b>Date</b>	<b>Sold to</b>	<b>Volume (mmcf)*</b>	<b>Purchased from</b>	<b>Volume (mmcf)*</b>	<b>Gas Made at plants (mmcf)*</b>
1915		None		None	None
1920	Patchogue Gas Co.	30		None	169 Bay Shore 17 Huntington
	Nassau & Suffolk Lighting Co.	77mcf			
1925	Patchogue Gas Co.	50			364 Bay Shore 31 Huntington
	Nassau & Suffolk Lighting Co.	103 mcf			
1930	Patchogue Gas Co.	32			882 Bay Shore
	Nassau & Suffolk Lighting Co.	31 mcf	Nassau & Suffolk Lighting Co.	513	
1935			Nassau & Suffolk Lighting Co.	807	888 Bay Shore
			New York and Queens Gas co.	116mcf	
1940			Nassau & Suffolk Lighting Co.	1380	1254 Bay Shore
1945			Nassau & Suffolk Lighting Co.	1511	2011 Bay Shore

\* mmcf = one million cubic feet, mcf = one thousand cubic feet

## Conclusions

The history of LILCO was one of consolidation of gas companies and smaller plants. Based on a review of the PSC records, thirteen gas plants were identified as operating in the early 1900s. By 1930, these had been reduced to three main plants: Rockaway, Hempstead Intersection Street, and Bay Shore. The Hortonspheres were part of the distribution system and, except for Glen Cove, Sag Harbor, Patchogue and Huntington, they were built away from existing gas plants.

Figure 2 provides a layout of the entire system at the maximum extent of gas manufacturing in 1950. The Riverhead gas cracking facility apparently began production in 1948. The figure does not depict the

Glenwood gas cracking facility which was constructed by 1949, perhaps because it did not actually go on-line until sometime in 1951.

As to the source of gas for any particular Hortonsphere, one can assume that most of the time the gas would have been supplied by that operating company's base load plant.

That is, Hempstead would have supplied Bellmore, and Bay Shore would have supplied the rest. However, considering the intra company sales and purchase and the internal links of the distribution system, any Hortonsphere could have been supplied by any plant.

The approach used has a number of limitations. The archives do not have records for all of the companies that ultimately were merged or acquired by the LILCO holding company. Saltaire did not appear in any of the PSC reports. The information about each location is also limited. While the Hortonspheres are identified in the capital equipment lists, there is not any other information provided about the Hortonsphere locations. These limitations notwithstanding, the available information provides a better insight into the history and operation of the system.

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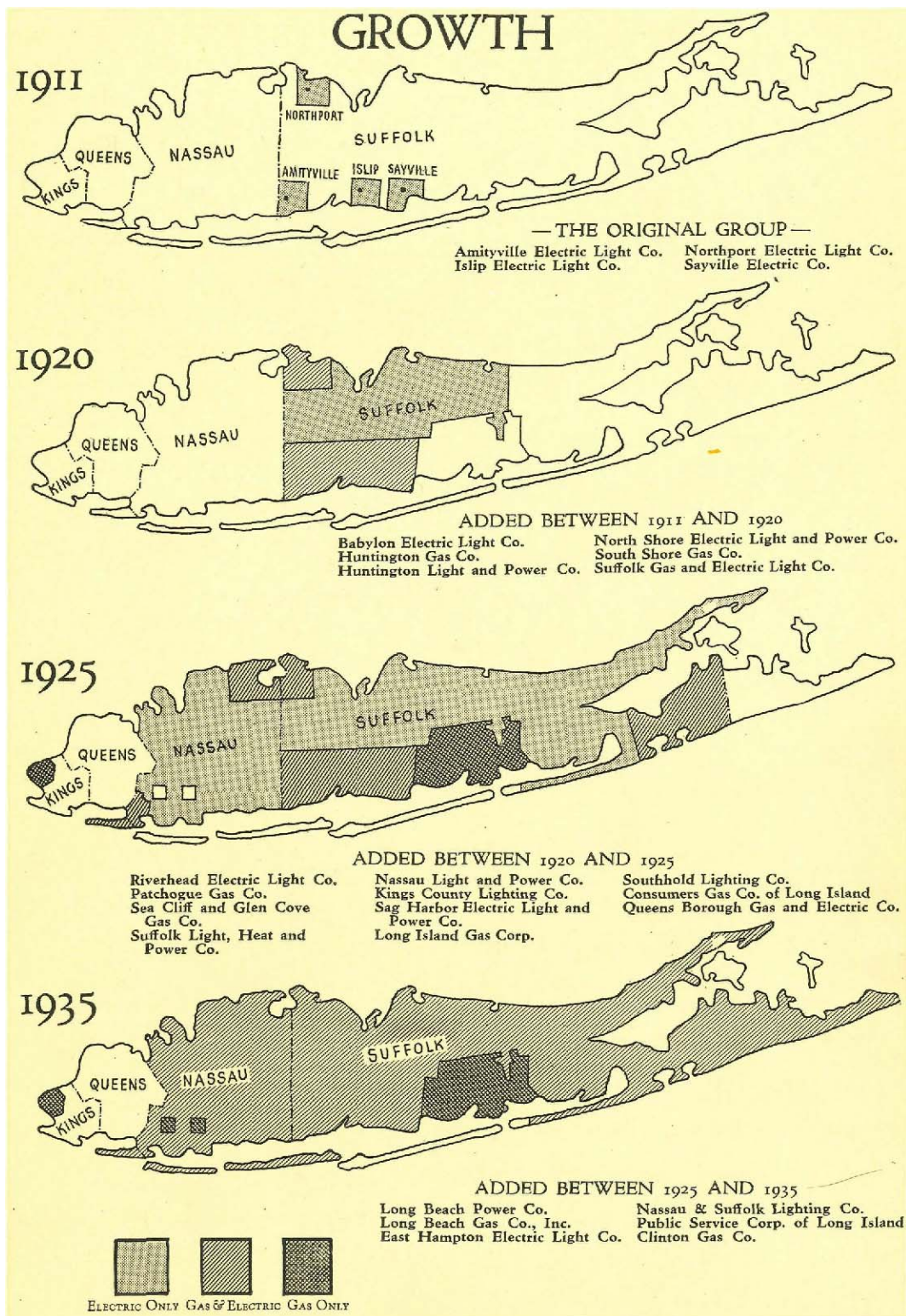
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**SOURCE:**

TWENTY FIVE YEARS OF THE LONG ISLAND LIGHTING SYSTEM 1911 - 1936, BY THE LONG ISLAND LIGHTING SYSTEM ©1936, PAGE 17.

LILCO PSC REVIEW  
LONG ISLAND, NEW YORK

**nationalgrid**



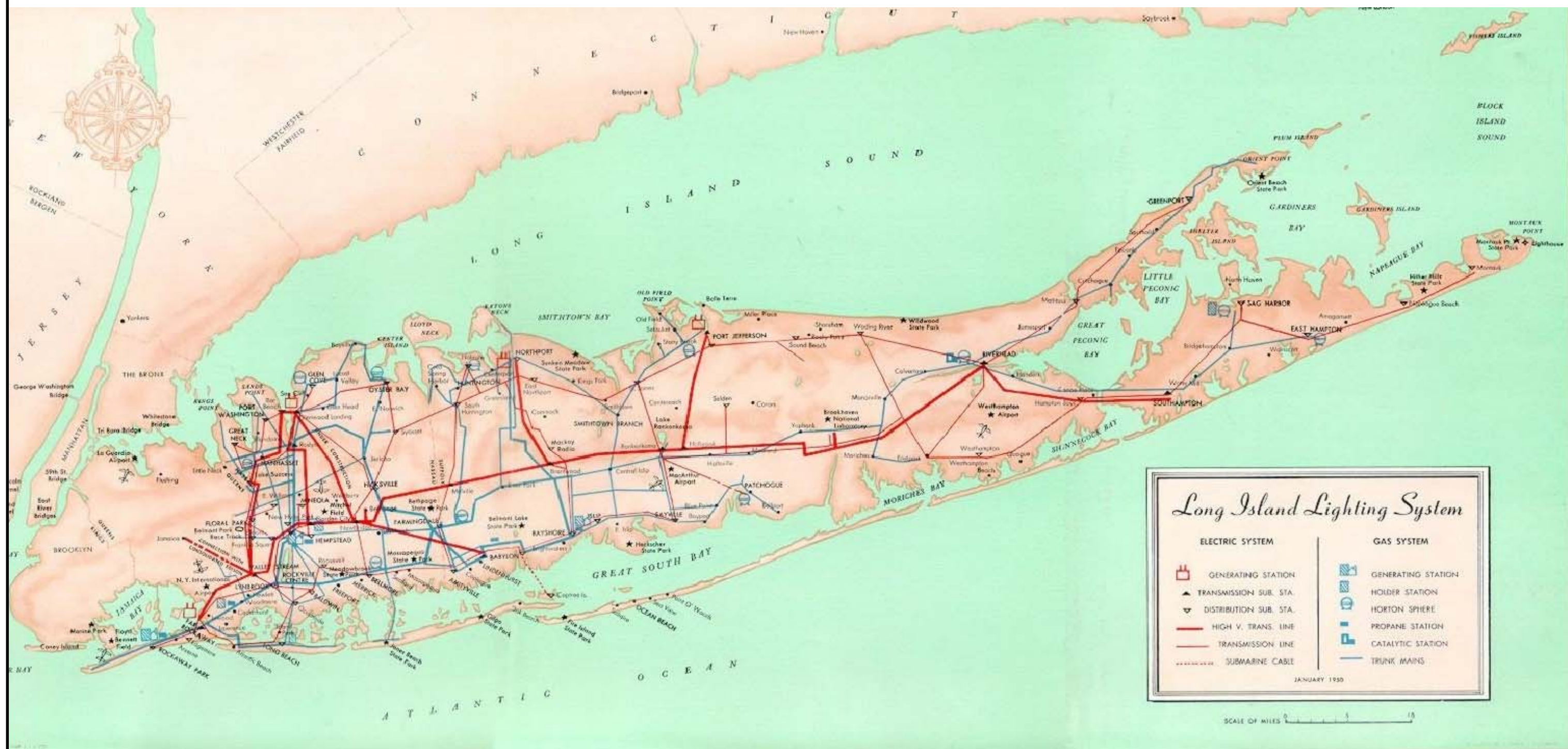
Project 090230

**GROWTH OF THE  
LILCO SYSTEM**

March 2009

Figure 1





LILCO PSC REVIEW  
LONG ISLAND, NEW YORK

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Project 090230

**1950 SYSTEM  
CONFIGURATION**

March 2009

Figure 2



# A TEXTBOOK OF AMERICAN GAS PRACTICE

## VOLUME TWO DISTRIBUTION AND UTILIZATION OF CITY GAS

*By*

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BROOKLYN, N. Y.

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Second Edition

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*Published by*  
**JEROME J. MORGAN**  
MAPLEWOOD, N. J.

1935

gas into the holder when the pressure on the transmission line exceeds 14 pounds and feeds back into the line when the pressure in this drops below 10 pounds. A control switch in series stops the compressor when the holder pressure reaches 60 pounds. By means of long distance gages the operation of this automatic station can be observed by the engineer in the main plant compressor room 2 miles away.

**Spherical High Pressure Gas Holders.** Spherical steel tanks for the storage of gas under high pressure were introduced by the Chicago Bridge and Iron Works. They were named **Hortonspheres** after George T. Horton, president of that firm. In a paper<sup>51</sup> describing them, Horton has shown that it is necessary in a cylindrical tank with hemispherical ends to make the walls of the cylindrical section twice as thick as those of the hemispherical ends in order to withstand the same pressure, and that hence the weight,  $W$ , of steel for a given storage capacity,  $S$ , is smallest when the cylindrical section is of zero length, that is, when the hemispherical ends meet forming a sphere. While it is an admitted fact that the cost of construction outside of the materials is somewhat greater for the spherical form than the cylindrical form, experience shows that in spherical tanks this increase in construction costs is considerably less than the saving in steel.

An interesting relationship is that if we assume a joint efficiency of 78.5 per cent and a working stress of 13,750 pounds per square inch for the steel, which allows a factor of safety of 4, the weight,  $W$ , in pounds of the steel in the sphere, without including the weight of the joints and supports, is equal to the storage capacity,  $S$ , in cubic feet.

$$W = S$$

Further, the storage capacity of a given sphere varies directly with the absolute pressure, and the thickness of the walls necessary to withstand the pressure also varies directly with the absolute pressure. Hence in a given size of sphere the weight of steel increases directly with storage capacity. Again, if the pressure is kept constant, the storage capacity or volume varies with the *cube* of the radius. Now the stress, and hence the thickness of the steel to withstand a given pressure, varies *directly* with the radius, and the area to be covered with steel varies with the *square* of the radius. Hence the weight of steel to withstand a given pressure in spheres of different sizes increases with the cube of the radius or of the diameter, just the same as does the volume or storage capacity at constant pressure. Therefore, if we disregard the weight of steel in the joints and supports, the amount of steel necessary for a given storage capacity in spherical

high pressure tanks is independent of the number and diameter of the spheres. To illustrate, if we wish to store 500,000 cubic feet of gas, we might do it at 30 pounds pressure in one sphere 78 feet in diameter, in two spheres 62 feet in diameter, or in three spheres 54 feet in diameter, the volume in each of these cases being 250,000 cubic feet. The thickness of the steel necessary to withstand the 30 pound pressure would be respectively 0.64, 0.51, and 0.44 inch. We might also store 500,000 cubic feet of gas under 45 pounds pressure in one sphere 69 feet in diameter, in five spheres 40 feet in diameter, or in six spheres 37 feet in diameter. Each of these combinations gives a volume of 167,000 cubic feet. The thickness of the steel necessary in these cases to withstand the 45 pound pressure is respectively 0.85, 0.49 and 0.46 inch.

In considering the construction, 78 and 69 foot spheres with steel 0.64 and 0.85 inch thick would require butt strap joints, while the other spheres with steel from 0.44 to 0.51 inch could have lap joints. It will be found then that the weight of steel for the 500,000 cubic foot storage capacity would be about 45 per cent greater than the theoretical 500,000 pounds for the spheres which require butt strap joints and about 35 per cent greater for those with lap joints. Horton finds the maximum economy is obtained with steel of  $\frac{7}{16}$  to  $\frac{9}{16}$  inch in thickness. With this material the cost for a given storage in various sizes and numbers of spheres does not vary more than 10 per cent. This permits a great flexibility in the erection of these holders, allowing them to be built in sizes and numbers that best suit the conditions of the available sites and at different times to suit the need of storage capacity. These holders are also fabricated with butt welded joints which reduces the amount of steel required to approximately the theoretical figure above mentioned.<sup>52</sup> For a more detailed discussion of design problems in connection with these holders reference should be made to Horton's paper<sup>51</sup> and to the article by Milbourne.<sup>53</sup> Figure 27 illustrates a Hortonsphere erected for the Long Island Lighting Co. at Farmingdale, New York. It is 57 feet 6 inches in diameter and is designed to store 400,000 cubic feet of gas at 60 pounds gage pressure.

These holders also have the advantage of requiring only moderate foundations. On account of their shape and the fact that gas pressure within tends to keep them spherical, slight settling of the foundations is not serious. Since there are no moving parts and no liquid seals, they require practically no attention, and their maintenance is small. These advantages, together with the fact that a sphere painted with

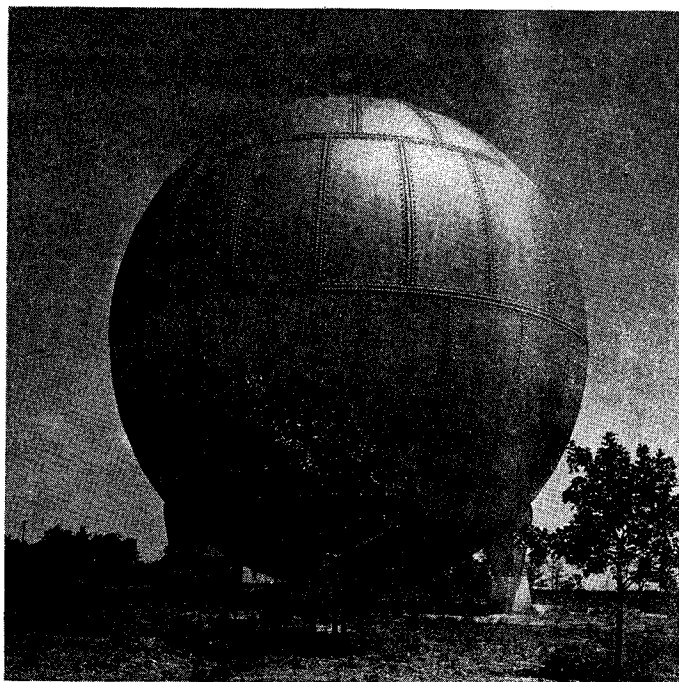


FIG. 27. Hortonsphere High Pressure Gas Holder, 57.5 feet in Diameter.  
(Courtesy of Chicago Bridge & Iron Works, Chicago, Ill.)

aluminum or a suitable colored paint may be easily made to harmonize with the landscape, make the Hortonsphere especially adapted to use for outlying holders in residential districts. Figure 28 shows how well one of these holders, which is 40 feet in diameter and stores 135,000 cubic feet of gas at 60 pounds pressure, blends with the surroundings.

**Purging of High Pressure Holders.** In the purging of high pressure holders there are no moving parts and no sealing liquids to complicate matters. The purging is therefore only a matter of replacing the gas content of a closed container. Figure 29 shows the principal connections to be made for purging horizontal cylindrical and spherical high pressure holders. The connections for a vertical cylindrical holder are similar to those for a spherical holder. In addition test cocks should be provided around the spherical or vertical cylindrical holder about one-third of its vertical height from the top, and at points on the top of the horizontal holder at maximum distances from the standard vent or vents. In the removal of a holder from service



FIG. 28. Hortonsphere High Pressure Gas Holder, 40 feet in Diameter, Blends Well with Background. (Courtesy of Chicago Bridge & Iron Works, Chicago, Ill.)

any oil present must be drawn off and the gas pressure reduced to about 6 inches water gage before purging operations are begun. With these exceptions the principles of purging of these holders may be easily inferred from our discussion of purging low pressure holders. Exact details of operation are given in the procedure recommended by the American Gas Association<sup>19</sup> and this should be consulted previous to any attempt to purge such holders.

**Underground Storage of Gas.** Natural gas occurs, as we have already indicated,<sup>1</sup> stored under pressure in the pores of the so-called gas sands. These are really sedimentary rocks which have a porosity averaging from 8 to 22 per cent, although sands with a porosity up to 35 per cent are known. In its occurrence the natural gas is stored in the pores of the rock either alone under high pressures, or dissolved

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## Appendix E

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### Soil Boring Logs



GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
1 of 2

PFH-GP-01

GROUND SURFACE ELEVATION (FT): 81.84

LOCATION: Northeast Site boundary

NORTHING: 209426.18 EASTING: 1144429.45

TOTAL DEPTH (FT): 35.00

DRILLED BY: Fenley & Nicol Environmental, Inc. / Kevin Kegel

DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone

LOGGED BY: Chris Scharkoph

DATE START / END: 12/10/2007 - 12/10/2007

DRILLING DETAILS: Geoprobe

WATER LEVEL DEPTHS (FT):  $\nabla$  25.00

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)					
0		5.0	60	0		PFH-GP-01 (0.5-1)	0 - 0.25 Dark brown, mulch (wood chips), HAND CLEARED. 0.25 - 1 SILT WITH SAND (ML); ~80% silt, ~15% fine to medium sand, <5% fine gravel, moist, dark brown, medium dense, HAND CLEARED. 1 - 2 WIDELY GRADED SAND WITH GRAVEL (SW); ~80% fine to medium sand, ~15% fine to coarse gravel, ~5% silt, moist, brown, loose, HAND CLEARED. 2 - 5 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, ~5% silt, moist, tan, loose, HAND CLEARED. 5 - 7.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, moist, tan, loose.		
5	S-1	5.0	58	0			7.5 - 8 WIDELY GRADED SAND (SW); ~90% fine to medium sand, ~5% fine gravel, <5% silt, moist, tan, loose. 8 - 10 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, moist, tan, loose. 10 - 12.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, ~5% silt, moist, tan, loose.		
10	S-2	5.0	52	0			12.5 - 15 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, ~5% silt, moist, tan to light brown, loose.		
15	S-3	5.0	36	0			15 - 20 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, ~5% silt, tan, loose.		
20	S-4	5.0	34	0			20 - 25 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, moist, tan to light brown, loose to medium dense; wet @ ~25' BGS.		

NOTES:




PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL  
REC = RECOVERY LENGTH OF SAMPLE  
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
ALO = ASPHALT LIKE ODOR

CrLO = CREOSOTE LIKE ODOR  
OLO = ORGANIC LIKE ODOR  
SLO = SULFUR LIKE ODOR  
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08

 GEI Consultants GEI Consultants, Inc. 455 Winding Brook Road Glastonbury, CT 06033 (860) 368-5300		CLIENT: <b>KeySpan</b> PROJECT NAME: <b>Pinelawn/Farmingdale HS SC</b> CITY/STATE: <b>East Farmingdale, NY</b> GEI PROJECT NUMBER: <b>072710-7-1602</b>		BORING LOG PAGE 2 of 2 <b>PFH-GP-01</b>				
DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	28	0		PFH-GP-01 (25-27)	25 - 30 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, ~5% silt, wet, tan, medium dense.	
30	S-6	5.0	26	0			30 - 35 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, wet, tan, loose.	
35	Bottom of borehole at 35.0 feet.							
<b>NOTES:</b> PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL    ppm = PARTS PER MILLION    NLO = NAPHTHALENE LIKE ODOR    CrLO= CREOSOTE LIKE ODOR REC = RECOVERY LENGTH OF SAMPLE    IN. = INCHES    PLO = PETROLEUM LIKE ODOR    OLO = ORGANIC LIKE ODOR PID = PHOTOIONIZATION DETECTOR READING (JAR    FT. = FEET    TLO = TAR LIKE ODOR    SLO = SULFUR LIKE ODOR HEADSPACE)    ALO = ASPHALT LIKE ODOR    CLO = CHEMICAL LIKE ODOR    MLO = MUSTY LIKE ODOR								



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(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
1 of 2

PFH-GP-02

GROUND SURFACE ELEVATION (FT): 80.7

LOCATION: Within former Hortonsphere footprint

NORTHING: 209335.25

EASTING: 1144373.49

TOTAL DEPTH (FT): 35.00

DRILLED BY: Fenley & Nicol Environmental, Inc. / Kevin Kegel

DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone

LOGGED BY: Chris Scharoph

DATE START / END: 12/11/2007 - 12/11/2007

DRILLING DETAILS: Geoprobe

WATER LEVEL DEPTHS (FT):  $\nabla$  24.00

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)					
0		5.0	60	0		PFH-GP-02 (1-1.25)	0 - 0.2 Dark brown, mulch (wood chips), HAND CLEARED. 0.15 - 1.25 SILT (ML); ~80% silt, ~10% fine to coarse gravel, ~5% fine sand, moist, dark brown, <5% clay, dense, HAND CLEARED. 1.25 - 5 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, <5% silt, dry, tan, loose, HAND CLEARED.		
5	S-1	5.0	43	0			5 - 8 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, <5% silt, dry, tan, loose.		
10	S-2	5.0	48	0			8 - 10 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan to whiteish tan, loose. 10 - 13 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan to whiteish tan, medium dense.		
15	S-3	5.0	48	0			13 - 15 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to medium sand, ~20% fine to coarse gravel, <5% silt, dry, tan, loose. 15 - 20 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, <5% silt, dry, tan, loose.		
20	S-4	5.0	31	0		PFH-GP-02	20 - 24 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan.		

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL  
REC = RECOVERY LENGTH OF SAMPLE  
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HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

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ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08





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Glastonbury, CT 06033  
(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
2 of 2

PFH-GP-02

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	0			(23.5-25)	24 - 25 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, <5% silt, tan to light brown, loose; wet @ 24' BGS. 25 - 30 No Recovery.	
30	S-6	5.0	19	0			30 - 35 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, wet, tan, loose.	
35							Bottom of borehole at 35.0 feet. Depth of bentonite seal is estimated	

NOTES:

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(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
1 of 2

PFH-GP-03

GROUND SURFACE ELEVATION (FT): 79.7

LOCATION: NE and downgradient of former Hortonsphere

NORTHING: 209339.94 EASTING: 1144318.99

TOTAL DEPTH (FT): 35.00

DRILLED BY: Fenley & Nicol Environmental, Inc. / Kevin Kegel

DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone

LOGGED BY: Chris Scharkoph

DATE START / END: 12/12/2007 - 12/12/2007

DRILLING DETAILS: Geoprobe

WATER LEVEL DEPTHS (FT):  $\nabla$  23.50

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)					
0		5.0	60	0		PFH-GP-03 (2-2.25)	0 - 0.1 Dark brown, silty mulch (wood chips), HAND CLEARED. 0.1 - 0.6 SILT WITH SAND (ML); ~70% silt, ~20% fine sand, ~5% fine to coarse gravel, dark brown, <5% clay, dense, HAND CLEARED. 0.6 - 5 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose, HAND CLEARED.		
5	S-1	5.0	42	0			5 - 5.7 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose. 5.7 - 7.2 NARROWLY GRADED SAND (SP); ~90% fine to medium sand, ~5% coarse sand, <5% silt, dry, tannish orange, loose. 7.2 - 8.6 NARROWLY GRADED SAND (SP); ~90% fine to medium sand, ~5% coarse sand, <5% silt, dry, tan, loose. 8.6 - 10 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose. 10 - 15 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose.		
10	S-2	5.0	46	0			15 - 20 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan, loose.		
15	S-3	5.0	37	0			20 - 25 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, fine to coarse gravel, <5% silt, dry, tan, medium dense; wet @ 23.5' BGS.		
20	S-4	5.0	34	0		PFH-GP-03			

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ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08

<div><div>GEI</div><div><div>GEI Consultants</div></div></div>		GEI Consultants, Inc. 455 Winding Brook Road Glastonbury, CT 06033 (860) 368-5300		CLIENT: KeySpan		BORING LOG		
		PROJECT NAME: Pinelawn/Farmingdale HS SC		PAGE 2 of 2	PFH-GP-03			
		CITY/STATE: East Farmingdale, NY						
GEI PROJECT NUMBER: 072710-7-1602								
DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	30	0	[Pattern]	(23.5-25)	25 - 27.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, wet, tan to light brown, loose.	[Diagram]
30	S-6	5.0	8	0			27.5 - 30 WIDELY GRADED SAND WITH GRAVEL (SW); ~80% fine to coarse sand, ~15% fine to coarse gravel, <5% silt, wet, tan, loose.	
35							30 - 35 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, wet, tan, loose.	
Bottom of borehole at 35.0 feet. Depth of bentonite seal is estimated								
<div>NOTES:</div> <div><div>PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL REC = RECOVERY LENGTH OF SAMPLE PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)</div><div>ppm = PARTS PER MILLION IN. = INCHES FT. = FEET</div><div>NLO = NAPHTHALENE LIKE ODOR PLO = PETROLEUM LIKE ODOR TLO = TAR LIKE ODOR CLO = CHEMICAL LIKE ODOR ALO = ASPHALT LIKE ODOR</div><div>CrLO= CREOSOTE LIKE ODOR OLO = ORGANIC LIKE ODOR SLO = SULFUR LIKE ODOR MLO = MUSTY LIKE ODOR</div></div>								

ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08



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455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
1 of 2

PFH-GP-04

GROUND SURFACE ELEVATION (FT): 81.8

LOCATION: Upgradient of former Hortonsphere

NORTHING: 209302.29 EASTING: 1144392.02

TOTAL DEPTH (FT): 35.00

DRILLED BY: Fenley & Nicol Environmental, Inc. / Kevin Kegel

DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone

LOGGED BY: Chris Scharkoph

DATE START / END: 12/12/2007 - 12/12/2007

DRILLING DETAILS: Geoprobe

WATER LEVEL DEPTHS (FT):  $\nabla$  25.00

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)					
0		5.0	60	0		PFH-GP-04 (2.5-3)	0 - 0.15 Dark brown, mulch (wood chips), HAND CLEARED. 0.15 - 0.4 SILT (ML); ~85% silt, ~10% fine gravel, <5% fine sand, moist, dark brown, dense, HAND CLEARED. 0.4 - 0.75 SILT WITH SAND (ML); ~70% silt, ~20% fine to medium sand, ~10% fine to coarse gravel, moist, brown, dense, HAND CLEARED. 0.75 - 5 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, <5% silt, dry, tan, loose, HAND CLEARED. 5 - 6 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan, loose. 6 - 10 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan, loose.		
5	S-1	5.0	44	0			10 - 15 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose.		
10	S-2	5.0	30	0			15 - 20 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, dry, tan to light brown, medium dense.		
15	S-3	5.0	24	0			20 - 25 WIDELY GRADED SAND WITH GRAVEL (SW); ~60% fine to coarse sand, ~35% fine to coarse gravel, <5% silt, tan to light brown, medium dense, wet @ 25' BGS.		
20	S-4	5.0	35	0					

NOTES:




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IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
ALO = ASPHALT LIKE ODOR

CrLO = CREOSOTE LIKE ODOR  
OLO = ORGANIC LIKE ODOR  
SLO = SULFUR LIKE ODOR  
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08

 <b>GEI</b> Consultants		GEI Consultants, Inc. 455 Winding Brook Road Glastonbury, CT 06033 (860) 368-5300		<b>CLIENT:</b> KeySpan <b>PROJECT NAME:</b> Pinelawn/Farmingdale HS SC <b>CITY/STATE:</b> East Farmingdale, NY <b>GEI PROJECT NUMBER:</b> 072710-7-1602		<b>BORING LOG</b>  <b>PFH-GP-04</b>		
						PAGE 2 of 2		
DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	14	0		PFH-GP-04 (25-26)	25 - 30 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, wet, tan to light brown, loose.	
30	S-6	5.0	13	0				
35	Bottom of borehole at 35.0 feet. Depth of bentonite seal is estimated							
<b>NOTES:</b> PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL    ppm = PARTS PER MILLION    NLO = NAPHTHALENE LIKE ODOR    CrLO= CREOSOTE LIKE ODOR REC = RECOVERY LENGTH OF SAMPLE    IN. = INCHES    PLO = PETROLEUM LIKE ODOR    OLO = ORGANIC LIKE ODOR PID = PHOTOIONIZATION DETECTOR READING (JAR    FT. = FEET    TLO = TAR LIKE ODOR    SLO = SULFUR LIKE ODOR HEADSPACE)    CLO = CHEMICAL LIKE ODOR    MLO = MUSTY LIKE ODOR ALO = ASPHALT LIKE ODOR								



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CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
1 of 2

PFH-GP-05

GROUND SURFACE ELEVATION (FT): 81.68

LOCATION: Northeast of former Hortonsphere

NORTHING: 209360.39 EASTING: 1144400.49

TOTAL DEPTH (FT): 35.00

DRILLED BY: Fenley & Nicol Environmental, Inc. / Kevin Kegel

DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone

LOGGED BY: Chris Scharkoph

DATE START / END: 12/11/2007 - 12/11/2007

DRILLING DETAILS: Geoprobe

WATER LEVEL DEPTHS (FT):  $\nabla$  25.00

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)					
0		5.0	60	0		PFH-GP-05 (0.75-1.75)	0 - 0.25 WIDELY GRADED SAND (SW); dark brown, mulch (wood chips), HAND CLEARED. 0.25 - 0.75 SILT (ML); ~80% silt, ~10% fine gravel, ~5% fine sand, moist, dark brown, <5% clay, dense, HAND CLEARED. 0.75 - 1.75 SANDY SILT WITH GRAVEL (ML); ~65% silt, ~15% fine to coarse gravel, ~15% fine to medium sand, moist, brown, <5% clay, dense, HAND CLEARED. 1.75 - 5 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, <5% silt, moist, tan, loose, HAND CLEARED. 5 - 10 WIDELY GRADED SAND (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose.		
5	S-1	5.0	50	0					
10	S-2	5.0	48	0			10 - 12.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, <5% silt, dry, tan, loose.  12.5 - 14.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, <5% silt, dry, tan to light brown, loose.		
15	S-3	5.0	45	0			14.5 - 15 WIDELY GRADED SAND (SW); ~90% fine to medium sand, ~5% fine gravel, <5% silt, dry, tan, loose. 15 - 20 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~20% fine to coarse gravel, <5% silt, dry, tan, loose.		
20	S-4	5.0	35	0			20 - 22.5 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan, loose.  22.5 - 25 WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~30% fine to coarse gravel, <5% silt, dry, tan to light brown, loose; wet @ 25'		

NOTES:

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ENVIRONMENTAL BORING LOG PINELAWN HS SOIL BORINGS-KW.GPJ GEI CONSULTANTS.GDT 4/14/08



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(860) 368-5300

CLIENT: KeySpan

PROJECT NAME: Pinelawn/Farmingdale HS SC

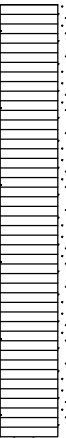
CITY/STATE: East Farmingdale, NY

GEI PROJECT NUMBER: 072710-7-1602

BORING LOG

PAGE  
2 of 2

PFH-GP-05

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	25	0		PFH-GP-05 (25-26.5)	BGS.  25 - 30 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, ~5% silt, wet, tan, intermittent lenses of brownish/orange coarse sand (1/8"), medium dense.	
30	S-6	5.0	23	0			30 - 35 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% fine to coarse sand, ~25% fine to coarse gravel, ~5% silt, wet, tan, loose.	
35							Bottom of borehole at 35.0 feet.	

NOTES:

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## Appendix F

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### Data Usability Summary Report and Electronic Data Deliverables (Electronic Only)



**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3621  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-01 (0.5-1)	220-3621-1	Pesticide, PCBs
PFH-GP-01 (25-27)	220-3621-2	Pesticide, PCBs
PFH-GP-05 (0.75-1.75)	220-3621-3	Pesticide, PCBs
PFH-GP-05 (25-26.5)	220-3621-4	Pesticide, PCBs
PFH-GP-02 (1-1.25)	220-3621-5	Pesticide, PCBs
PFH-GP-02 (23.5-25)	220-3621-6	Pesticide, PCBs
PFH-GP-03 (2-2.25)	220-3621-7	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307 (reported in 220-3652)  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 10 and 11, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- \* • GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- \* • Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- NA • Field Duplicate Results
- Quantitation Limits and Data Assessment

- Sample Quantitation and Compound Identification
- \* - All criteria were met.

NA- Not applicable to the methods reviewed and a field duplicate was not associated with this sample group.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive results for gamma-chlordane in samples PFH-GP-05 (0.75-1.25) and PFH-GP-02 (1-1.25) were qualified as nondetect (U) at the reporting limit due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

#### **Holding Times and Sample Preservation**

All criteria were met.

#### **GC/ECD Instrument Performance Checks**

All criteria were met.

#### **Initial and Continuing Calibrations**

##### **Pesticides**

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following table.

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 12/20/07 00:59 CLP</b>	<b>CC 12/20/07 00:59 CLP -pest II</b>
Gamma-BHC	XX (17.8%)	XX (20.2%)
Heptachlor	XX (25.4%)	XX (25.4%)
Dieldrin		XX (15.8%)
Endrin	XX (16.3%)	XX (18.2%)
Endrin aldehyde	XX (17.0%)	
Endosulfan I		XX (15.0%)
Endosulfan II		XX (17.1%)
4,4'-DDD	XX (20.3%)	XX (28.9%)
Endrin ketone		XX (18.9%)
Samples Affected	QC samples	QC samples

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

Validation actions were not required on this basis.

### PCB

All criteria were met.

### Blanks

### PCB

Target compounds were not detected in the pesticide and PCB laboratory method and instrument blanks. Target compounds were not detected in the associated field blank sample PFH-GP-FB-121307, which was reported in case number 220-3652.

### Surrogate Recoveries

All criteria were met.

### **MS/MSD Results**

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.

### **LCS Results**

All criteria were met.

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample group.

### **Moisture Content**

All criteria were met.

### **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

### **Sample Quantitation and Compound Identification**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-GP-05 (0.75-1.25)	Gamma-chlordane	199.3	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-GP-02 (1-1.25)	Gamma-chlordane	190.8	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3652  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-03 (23.5-25)	220-3652-1	Pesticide, PCBs
PFH-GP-04 (2.5-3)	220-3652-2	Pesticide, PCBs
PFH-GP-04 (25-26)	220-3652-3	Pesticide, PCBs
PFH-GP-XX-121207	220-3652-4	Pesticide, PCBs
PFH-GP-FB-121307	220-3652-5	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307  
Field Duplicate pair: PFH-GP-03 (23.5-25)/PFH-GP-XX-121207

The above-listed soil samples and field blank sample were collected on December 12 and 13, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- \* • GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- \* • Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Compound Identification

\* - All criteria were met.

NA- Not applicable to the methods reviewed.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for endrin aldehyde, gamma-BHC, heptachlor, endosulfan I, dieldrin, endrin, endosulfan II, 4,4'-DDD, and endrin ketone in all soil samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive result for gamma-chlordane in sample PFH-GP-04 (2.5-3) was qualified as nondetect (U) at the reporting limit due to the high dual column relative percent difference (%RPD). The result can be used for project objectives as a nondetect which may have a minor impact on the data usability.
- The positive result for gamma-chlordane in sample PFH-GP-03 (23.5-25) was qualified as estimated (J) due to the high dual column relative percent difference (%RPD). The direction of the bias cannot be determined. The result can be used for project objectives as an estimated value which may have a minor impact on the data usability.

The validation findings were based on the following information.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

### **Holding Times and Sample Preservation**

All criteria were met.

## GC/ECD Instrument Performance Checks

All criteria were met.

## Initial and Continuing Calibrations

### Pesticides

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following tables.

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 12/20/07 00:59 CLP</b>	<b>CC 12/20/07 00:59 CLP -pest II</b>
Gamma-BHC	XX (17.8%)	XX (20.2%)
Heptachlor	XX (25.4%)	XX (25.4%)
Dieldrin		XX (15.8%)
Endrin	XX (16.3%)	XX (18.2%)
Endrin aldehyde	XX (17.0%)	
Endosulfan I		XX (15.0%)
Endosulfan II		XX (17.1%)
4,4'-DDD	XX (20.3%)	XX (28.9%)
Endrin ketone		XX (18.9%)
Samples Affected	All soil samples	All soil samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 12/18/07 09:11 CLP</b>	<b>CC 12/18/07 09:11 CLP -pest II</b>
4,4'-DDD	XX (23.4%)	XX (26.6%)
Endrin aldehyde		XX (24.6%)
Endrin ketone		XX (18.8%)
Methoxychlor		XX (27.8%)
Samples Affected	QC samples only	QC samples only

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The positive and nondetect results for endrin aldehyde, gamma-BHC, heptachlor, endosulfan I, dieldrin, endrin, endosulfan II, 4,4'-DDD, and endrin ketone in all soil samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances.

### PCB

All criteria were met.

### Blanks

#### PCB

Target compounds were not detected in the PCB laboratory method and instrument blanks. Target compounds were not detected in the PCB field blank samples.

#### Pesticide

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Aldrin	01/03/08 21:39 CLP-pest II	0.0066	PFH-GP-FB-121307	Validation actions were not required.

### Surrogate Recoveries

All criteria were met.

### MS/MSD Results

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.



## **LCS Results**

### **Pesticide**

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
4,4'-DDT	115	71-111	PFH-GP-FB-121307	Validation actions were not required as the affected compound results were nondetect in the associated samples and therefore not affected by the potential high bias.
Endrin aldehyde	95	20-92		
Endrin ketone	172	58-151		

### **PCB**

All criteria were met in the PCB analyses.

## **Moisture Content**

All criteria were met.

## **Field Duplicate Results**

Samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were submitted as the field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analyte, which was acceptable.

Compound	PFH-GP-03 (23.5-25) (ug/kg)	PFH-GP-XX-121207 (ug/kg)	RPD (%)
Gamma-chlordane	0.11	1.8 U	NC, Within 2xQL

NC – Not calculable

For soil results > 5xQL and RPDs >50; estimate (J) results in the field duplicate pair.

For soil results < 5xQL; the sample and duplicate results must be within 2xQL.

## **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

### **Sample Quantitation and Compound Identification**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

<b>Sample</b>	<b>Compound</b>	<b>RPD (%)</b>	<b>Actions</b>
PFH-GP-04 (2.5-3)	Gamma-chlordane	64.2	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-GP-03 (23.5-25)	Gamma-chlordane	48.1	Estimate (J) the positive result for gamma-chlordane.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3706  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SS-01	220-3706-1	Pesticide, PCBs
PFH-SS-02	220-3706-2	Pesticide, PCBs
PFH-SS-03	220-3706-3	Pesticide, PCBs
PFH-SS-04	220-3706-4	Pesticide, PCBs
PFH-SS-05	220-3706-5	Pesticide, PCBs
PFH-SS-06	220-3706-6	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: None associated  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 17, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \*
  - Data Completeness
  - Holding Times and Sample Preservation
- NA
  - Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
  - GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
  - Initial and Continuing Calibrations
  - Blanks
  - Surrogate Recoveries
  - Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
  - Laboratory Control Sample (LCS) Results
- \*
  - Moisture Content
- NA
  - Internal Standards
- NA
  - Field Duplicate Results
  - Quantitation Limits and Data Assessment
  - Sample Quantitation and Compound Identification

\* - All criteria were met.

NA- Not applicable to the methods reviewed and a field duplicate was not associated with this sample group.

All results are usable for project objectives with the exception of 4,4'-DDT in sample PFH-SS-04 which was rejected due to DDT breakdown results and 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor in samples PFH-SS-02 and PFH-SS-06, 4,4'-DDD and 4,4'-DDT in sample PFH-SS-03, 4,4'-DDT, endosulfan II, and methoxychlor in sample PFH-SS-04, and endosulfan II and methoxychlor in sample PFH-SS-05, which were rejected due to high continuing calibration percent differences.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide and PCB results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for pesticide samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 were qualified as estimated (J/UJ) due to a holding time exceedance. The results may be biased low. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive results for 4,4'-DDE in samples PFH-SS-04 and PFH-SS-05 were qualified as presumptively present (JN) due to high DDT breakdown results. The results may be biased high. The results are usable for project objectives as compounds which are presumptively present at an approximated quantity which may have a minor impact on the data usability.
- The dual column qualified nondetect result for 4,4'-DDT in sample PFH-SS-05 was qualified as estimated (UJ) due to high DDT breakdown standard results. The result may be biased low. The result can be used for project objectives as a nondetect with estimated quantitation limit which may have a minor impact on the data usability.
- The nondetect result for 4,4'-DDT in sample PFH-SS-04 was rejected (R) due to high DDT breakdown standard results. The result is not usable for project objectives which may have a major impact on the data usability.

- The nondetect results for 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor in samples PFH-SS-02 and PFH-SS-06, 4,4'-DDD and 4,4'-DDT in sample PFH-SS-03, 4,4'-DDT, endosulfan II, and methoxychlor in sample PFH-SS-04, and endosulfan II and methoxychlor in sample PFH-SS-05 were rejected (R) due to continuing calibration percent differences greater than 90. The results are not usable for project objectives which may have a major impact on the data usability.
- The positive and nondetect results for gamma-BHC, 4,4'-DDD, 4,4'-DDT, and methoxychlor in sample PFH-SS-01, all pesticide results with the exception of 4,4'-DDD, 4,4'-DDT, endosulfan II, methoxychlor, and 4,4'-DDE in samples PFH-SS-02 and PFH-SS-06, all pesticide results with the exception of 4,4'-DDD, 4,4'-DDT, and 4,4'-DDE in sample PFH-SS-03, all pesticide results with the exception of 4,4'-DDT, endosulfan II, methoxychlor, and 4,4'-DDE in sample PFH-SS-04, and all pesticide results with the exception of endosulfan II, methoxychlor, and 4,4'-DDE in sample PFH-SS-05 were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive result for dieldrin in sample PFH-SS-01 was qualified as estimated (J) due to low MS recovery. The result may be biased low. The result can be used for project objectives as an estimated value which may have a minor impact on the data usability.
- The positive results for alpha-BHC, aldrin, endosulfan II, 4,4'-DDD, endosulfan sulfate, and 4,4'-DDT in sample PFH-SS-01, heptachlor epoxide, gamma-chlordane, and alpha-chlordane in sample PFH-SS-02, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC, 4,4'-DDE, endosulfan II, and methoxychlor in sample PFH-SS-03, beta-BHC, delta-BHC, dieldrin, and 4,4'-DDD in sample PFH-SS-04, beta-BHC, delta-BHC, heptachlor, heptachlor epoxide, dieldrin, 4,4'-DDD, 4,4'-DDT, and endrin ketone in sample PFH-SS-05, and delta-BHC and gamma-chlordane in sample PFH-SS-06 were qualified as nondetect (U) at the reporting limits due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.
- The positive results for methoxychlor and Aroclor 1254 in sample PFH-SS-01, Aroclor 1254 and dieldrin in sample PFH-SS-03, alpha-chlordane, 4,4'-DDE, and Aroclor 1254 in sample PFH-SS-04, alpha-chlordane, 4,4'-DDE, and Aroclor 1254 in sample PFH-SS-05 were qualified as estimated (J) due to the high dual column relative percent differences (%RPDs). The direction of the bias cannot be determined. The results can be used for project objectives as estimated values which may have a minor impact on the data usability.

- The positive results for beta-BHC, delta-BHC, heptachlor, alpha-chlordane, and 4,4'-DDE in sample PFH-SS-01, gamma-chlordane and alpha-chlordane in sample PFH-SS-03, gamma-chlordane in samples PFH-SS-04 and PFH-SS-05 were qualified as presumptively present (JN) due to the dual column RPD greater than 70. The direction of the bias cannot be determined. The results can be used for project objectives as compounds which are presumptively present at an approximated quantity which may have a minor impact on the data usability.

The validation findings were based on the following information.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

### **Holding Times and Sample Preservation**

#### **Pesticide**

Due to poor recoveries in the LCS associated with samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06, the laboratory re-extracted the samples outside of holding time. The following table lists the holding time exceedances. As the LCS recoveries were acceptable in the re-extraction and poor recoveries in the initial analysis would result in compound rejections, the re-extraction results were reported. The positive and nondetect pesticide results for samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 were estimated (J/UJ).

<b>Sample</b>	<b>Holding Time Exceedance</b>
PFH-SS-02 RE	8 days
PFH-SS-03 RE	3 days
PFH-SS-04 RE	3 days
PFH-SS-05 RE	3 days
PFH-SS-06 RE	3 days

#### **PCB**

All criteria were met.

### **GC/ECD Instrument Performance Checks**

The percent breakdown for 4,4'-DDT (100 and 100) exceeded the control limit on both columns in the standard analyzed on 01/17/08 (06:50) on instrument HP6890-7, associated with samples

PFH-SS-02, PFH-SS-02 RE, PFH-SS-03, PFH-SS-03 RE, PFH-SS-04, PFH-SS-04 RE, PFH-SS-05, PFH-SS-05 RE, PFH-SS-06, and PFH-SS-06 RE. Validation actions were not required for samples PFH-SS-02, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-05, PFH-SS-06, and PFH-SS-06 RE as all affected results were nondetect in these samples. Validation actions were not required for samples PFH-SS-03 and PFH-SS-04 as the re-extraction results were reported for these samples. The following table summarizes the validation actions required in the remaining samples.

Sample	Validation Actions
PFH-SS-04 RE	Reject (R) the nondetect result for 4,4'-DDT. Qualify the result for 4,4'-DDE as presumptively present (JN).
PFH-SS-05 RE	Estimate (UJ) the dual column qualified nondetect result for 4,4'-DDT. Qualify the result for 4,4'-DDE as presumptively present (JN).

The percent breakdown for 4,4'-DDT (29.3) exceeded the control limit on column CLP-pest II in the standard analyzed on 01/06/08 (22:23) on instrument HP6890-7, associated with QC samples. The combined percent breakdown for 4,4'-DDT and endrin (33.6 and 40) exceeded the control limit on both columns in the standard analyzed on 01/03/08 (07:25) on instrument HP6890-7, associated with QC samples. Validation actions were not required on this basis.

### **Initial and Continuing Calibrations**

#### **Pesticides**

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following tables.

Instrument ID HP6890-7 Compound	CC 12/29/07 02:38 CLP	CC 12/29/07 02:38 CLP -pest II
Gamma-BHC		XX (16.2%)
4,4'-DDD	XX (18.9%)	XX (22.6%)
4,4'-DDT	XX (29.3%)	XX (32.3%)
Methoxychlor	XX (20.8%)	XX (22.7%)
Samples Affected	PFH-SS-01	PFH-SS-01

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/03/08 07:52 CLP</b>	<b>CC 01/03/08 07:52 CLP -pest II</b>
4,4'-DDT	XX (20.2%)	XX (20.4%)
Samples Affected	QC samples	QC samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/06/08 22:44 CLP -pest II</b>
Endrin	XX (16.6%)
Samples Affected	QC samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/17/08 7:12 CLP</b>	<b>CC 01/17/08 7:12 CLP -pest II</b>
4,4'-DDT	XXX (100%)	XXX (100%)
Heptachlor	XX (33.4%)	XX (27.4%)
Alpha-BHC		XX (26.4%)
Beta-BHC		XX (39.2%)
Delta-BHC		XX (41.3%)
Gamma-BHC		XX (65.9%)
Aldrin		XX (38.1%)
Heptachlor epoxide		XX (55.7%)
Gamma-chlordane		XX (50.0%)
Endosulfan I		XX (45.5%)
Alpha-chlordane		XX (24.7%)
Dieldrin		XX (68.2%)
Endrin		XX (84.1%)
Methoxychlor	XXX (99.4%)	XXX (99.1%)
Endosulfan II		XXX (98.3%)
4,4'-DDD	XX (24.0%)	XXX (181%)
Endrin aldehyde		XX (44.3%)
Endosulfan sulfate		XX (71.1%)



<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/17/08 7:12 CLP</b>	<b>CC 01/17/08 7:12 CLP -pest II</b>
Endrin ketone	XX (29.4%)	XX (64.6%)
Samples Affected	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-04 RE, PFH-SS-05 RE, PFH-SS-06 RE.	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-04 RE, PFH-SS-05 RE, PFH-SS-06 RE.

- X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.
- XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.
- XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The following table summarized the qualifications required due to continuing calibration nonconformances.

<b>Sample</b>	<b>Validation Actions</b>
PFH-SS-01	Estimate (J/UJ) the positive and nondetect results for gamma-BHC, 4,4'-DDD, 4,4'-DDT, and methoxychlor.
PFH-SS-02 RE	Reject (R) the nondetect results 4,4'-DDD, 4,4'-DDT, endosulfan II and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-03 RE	Reject (R) the nondetect results 4,4'-DDD and 4,4'-DDT. Estimate (UJ) the dual column qualified nondetect results for endosulfan II and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-04 RE	Reject (R) the nondetect results for 4,4'-DDT, endosulfan II, and methoxychlor. Estimate (UJ) the dual column qualified nondetect results for 4,4'-DDD. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-05 RE	Reject (R) the nondetect results for endosulfan II and methoxychlor. Estimate (UJ) the dual column qualified nondetect results for 4,4'-DDD and 4,4'-DDT. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-06 RE	Reject (R) the nondetect results 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.

Validation actions were not required for the affected compounds in samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 as the re-extraction results for these samples were reported.

### PCB

The following table lists the Aroclor peak continuing calibration results which were outside of control limits. No validation actions were required as the Aroclor %D averages for the standards were within control limits.

Compound	Calibration Date	Instrument ID/Column	%D
Aroclor 1260-2	12/20/07 16:58	HP5890-4/CLP-pest	15.1%
Average Aroclor 1260			11.9%
Aroclor 1260-5	12/31/07 02:10	HP5890-4/CLP-pest	16.0%
Average Aroclor 1260			12.7%
Aroclor 1016-1	12/31/07 02:10	HP5890-4/CLP-pest	16.1%
Aroclor 1016-5			21.1%
Average Aroclor 1016			12.4%

### Blanks

#### PCB

Target compounds were not detected in the PCB laboratory method and instrument blanks.

A field blank was not associated with the surface soil samples.

#### Pesticide

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Delta-BHC	12/29/07 02:59 CLP-pest II	0.00317	PFH-SS-01	Validation actions were not required.

## **Surrogate Recoveries**

### **PCBs**

The following table lists the surrogates recovered outside of control limits and the resulting actions.

Sample	DCB1	DCB2	TCMX1	TCMX2	Validation actions
Soil Limits	25-159	25-159	24-154	24-154	
PFH-SS-05	191%	-	-	-	Validation action was not required as the surrogate was within limits on the alternate column.

- Criteria met

### **Pesticides**

The following table lists the surrogates recovered outside of control limits and the resulting actions.

Sample	DCB1	DCB2	TCMX1	TCMX2	Validation actions
Soil Limits	25-159	25-159	24-154	24-154	
PFH-SS-01	-	173%	-	310%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-03	-	203%	-	-	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-03 RE	-	220%	-	179%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-04	-	-	-	265%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-04 RE	-	180%	-	483%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-05 RE	-	169%	-	166%	Validation action was not required as the surrogate was within limits on the alternate column.

- Criteria met

## **MS/MSD Results**

### **Pesticides**

An MS/MSD was performed on sample PFH-SS-01. The recovery for dieldrin (70%) was below the control limits in the MS. The positive result for dieldrin in sample PFH-SS-01 was estimated (J).

## PCB

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.

## LCS Results

### Pesticide

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
Aldrin	12	20-171	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06	Validation actions were not required. As the LCS recoveries were acceptable in the re-extraction, the re-extraction results were reported for these samples.
Alpha-BHC	10	20-139		
Endrin aldehyde	18	20-132		
Gamma-BHC	20	40-144		
Heptachlor	1	25-157		
Alpha-chlordane	56	60-134		

## PCB

All criteria were met in the PCB analyses.

## Field Duplicate Results

A field duplicate pair was not associated with this sample group.

## Moisture Content

All criteria were met.

## Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide and PCB analyses. These results were qualified as estimated (J) by the laboratory.

## **Sample Quantitation and Compound Identification**

### **Pesticide and PCBs**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

<b>Sample</b>	<b>Compound</b>	<b>RPD (%)</b>	<b>Actions</b>
PFH-SS-01	Alpha-BHC	180.0	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Aldrin	142.6	
	Endosulfan II	140.6	
	4,4'-DDD	144.5	
	Endosulfan sulfate	122.5	
	4,4'-DDT	61.8	
PFH-SS-01	Methoxychlor	26.6	Estimate (J) the positive results for methoxychlor and Aroclor 1254.
	Aroclor 1254	63.8	
PFH-SS-01	Beta-BHC	82.0	Estimate (JN) the results for beta-BHC, delta-BHC, heptachlor, alpha-chlordane, and 4,4'-DDE as presumptively present.
	Delta-BHC	95.3	
	Heptachlor	171.5	
	Alpha-chlordane	155.2	
	4,4'-DDE	173.9	
PFH-SS-02 RE	Heptachlor epoxide	92.7	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Gamma-chlordane	199.4	
	Alpha-chlordane	105.4	
PFH-SS-03	Aroclor 1254	85.4	Estimate (J) the positive result for Aroclor 1254.
PFH-SS-03 RE	Alpha-BHC	131.5	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Beta-BHC	139.3	
	Delta-BHC	72.1	
	Gamma-BHC	141.6	
	4,4'-DDE	131.2	
	Endosulfan II	76.3	
	Methoxychlor	126.5	
PFH-SS-03 RE	Dieldrin	38.8	Estimate (J) the positive result for dieldrin.
PFH-SS-03RE	Gamma-chlordane	193.9	Estimate (JN) the results for gamma-chlordane and alpha-chlordane as presumptively present.
	Alpha-chlordane	77.4	
PFH-SS-04	Aroclor 1254	91.4	Estimate (J) the positive result for Aroclor 1254.

Sample	Compound	RPD (%)	Actions
PFH-SS-04 RE	Beta-BHC Delta-BHC Dieldrin 4,4'-DDD	122.0 88.8 65.9 134.9	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
PFH-SS-04 RE	Alpha-chlordane 4,4'-DDE	30.3 35.3	Estimate (J) the positive results for alpha-chlordane and 4,4'-DDE.
PFH-SS-04 RE	Gamma-chlordane	187.6	Estimate (JN) the result for gamma-chlordane as presumptively present.
PFH-SS-05	Aroclor 1254	119.6	Estimate (J) the positive result for Aroclor 1254.
PFH-SS-05 RE	Beta-BHC Delta-BHC Heptachlor Heptachlor epoxide Dieldrin 4,4'-DDD 4,4'-DDT Endrin ketone	164.9 146.6 93.4 161.3 96.5 142.8 124.7 153.6	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
PFH-SS-05 RE	Alpha-chlordane 4,4'-DDE	46.6 38.1	Estimate (J) the positive results for alpha-chlordane and 4,4'-DDE.
PFH-SS-05 RE	Gamma-chlordane	177.3	Estimate (JN) the result for gamma-chlordane as presumptively present.
PFH-SS-06 RE	Delta-BHC Gamma-chlordane	142.1 199.4	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3708  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-MW-05	220-3708-1	Pesticide, PCBs
PFH-MW-02	220-3708-2	Pesticide, PCBs
PFH-MW-04	220-3708-3	Pesticide, PCBs
PFH-MW-01	220-3708-4	Pesticide, PCBs
PFH-MW-03	220-3708-5	Pesticide, PCBs
PFH-Fieldblank-121707	220-3708-7	Pesticide, PCBs
PFH-MW-XX	220-3708-8	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-Fieldblank-121707  
Field Duplicate pair: PFH-MW-05/PFH-MW-XX

The above-listed aqueous samples and field blank sample were collected on December 17, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- \* • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- \* • Field Duplicate Results

- Quantitation Limits and Data Assessment
  - Sample Quantitation and Compound Identification
- \* - All criteria were met.

NA- Not applicable to the methods reviewed.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for heptachlor, endosulfan II, 4,4'-DDD, endrin aldehyde, and endrin ketone in all samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive results for delta-BHC in samples PFH-MW-04 and PFH-MW-05 were qualified as nondetect (U) at the reporting limit due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.

The validation findings were based on the following information.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

### **Holding Times and Sample Preservation**

All criteria were met.



### **GC/ECD Instrument Performance Checks**

The percent breakdown for endrin (34.5 and 33.5) exceeded the control limit on both columns in the standard analyzed on 01/15/08 (21:40) on instrument HP6890-7, associated with all samples. Validation action was not required on the affected results were nondetect in these samples.

### **Initial and Continuing Calibrations**

#### **Pesticides**

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following table.

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/15/08 22:02 CLP</b>	<b>CC 01/15/08 22:02 CLP-pest II</b>
Heptachlor	XX (16.5%)	XX (17.2%)
Endosulfan II	XX (16.8%)	
4,4'-DDD	XX (19.1%)	
Endrin aldehyde	XX (18.0%)	
Endrin ketone	XX (22.6%)	XX (23.2%)
Samples Affected	All samples	All samples

- X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.
- XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.
- XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The positive and nondetect results for heptachlor, endosulfan II, 4,4'-DDD, endrin aldehyde, and endrin ketone in all samples were estimated (J/UJ) due to continuing calibration nonconformances.

#### **PCB**

The following table lists the Aroclor peak continuing calibration results which were outside of control limits. No validation actions were required as the Aroclor %D averages for the standards were within control limits.

Compound	Calibration Date	Instrument ID/Column	%D
Aroclor 1260-3	01/11/08 13:51	HP5890-4/CLP-pest II	15.2%
Average Aroclor 1260			9.5%
Aroclor 1016-4	01/11/08 13:51	HP5890-4/CLP-pest II	26.2%
Aroclor 1016-5			19.7%
Average Aroclor 1016			13.5%

### **Blanks**

#### **PCB**

Target compounds were not detected in the PCB laboratory method and instrument blanks. Target compounds were not detected in the PCB field blank samples.

#### **Pesticide**

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Aldrin	01/03/08 21:39 CLP-pest II	0.0066	QC samples	Validation actions were not required.

### **Surrogate Recoveries**

All criteria were met.

### **MS/MSD Results**

MS/MSDs were performed on sample PFH-MW-01 for pesticides and PCBs. All criteria were met.

## **LCS Results**

### **Pesticide**

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
4,4'-DDT	115	71-111	All samples	Validation actions were not required as the affected compound results were nondetect in the associated samples and therefore not affected by the potential high bias.
Endrin aldehyde	95	20-92		
Endrin ketone	172	58-151		

### **PCB**

All criteria were met in the PCB analyses.

## **Field Duplicate Results**

Samples PFH-MW-05 and PFH-MW-XX were submitted as the field duplicate pair with this sample group. All results were nondetect in these samples.

### **Moisture Content**

All criteria were met.

## **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

## **Sample Quantitation and Compound Identification**

### **Pesticide and PCBs**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-MW-05	Delta-BHC	70.7	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-MW-04	Delta-BHC	117.5	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3621  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-01 (0.5-1)	220-3621-1	Metals, Sulfate, Sulfide
PFH-GP-01 (25-27)	220-3621-2	Metals, Sulfate, Sulfide
PFH-GP-05 (0.75-1.75)	220-3621-3	Metals, Sulfate, Sulfide
PFH-GP-05 (25-26.5)	220-3621-4	Metals, Sulfate, Sulfide
PFH-GP-02 (1-1.25)	220-3621-5	Metals, Sulfate, Sulfide
PFH-GP-02 (23.5-25)	220-3621-6	Metals, Sulfate, Sulfide
PFH-GP-03 (2-2.25)	220-3621-7	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307 (reported in 220-3652)  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 10 and 11, 2007 and were analyzed for metals by SW-846 methods 6010B/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- NA • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content

- Detection Limits Results
- \* • Sample Quantitation Results
- \* - All criteria were met for this parameter.

NA – A field duplicate pair was not associated with this sample group.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications applied to the data as a result of sampling error are discussed below.

- The positive results for sodium in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25) and sulfate in samples PFH-GP-01 (0.5-1), PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), and PFH-GP-02 (23.5-25) were qualified as nondetect (U) at the reporting limit due to field blank contamination. The results are usable for project objectives as nondetects which may have a minor effect on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- The positive results for mercury in samples PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as nondetect (U) at the reporting limit due to laboratory blank contamination. The results are usable for project objectives as nondetects which may have a minor effect on the data usability.
- The positive and nondetect results for potassium and manganese in all samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- The positive results for chromium and copper in all samples, beryllium in sample PFH-GP-05 (0.75-1.75), and lead in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as estimated (J) due to recoveries in the MS analysis which were above control limits. The results may be biased high. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for barium, iron, magnesium, and manganese in all samples were qualified as estimated (J) due to high relative percent differences (RPDs) in the laboratory duplicate analysis. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as

estimated values and nondetects with estimated quantitation limits which may have a minor effect on the data usability.

- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-GP-03 (2-2.25)
Barium:	All samples
Beryllium:	PFH-GP-05 (0.75-1.75)
Calcium:	PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Chromium:	PFH-GP-01 (25-27), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Cobalt:	PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-03 (2-2.25)
Copper:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Lead:	PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Magnesium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Nickel:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Potassium:	All samples
Vanadium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Zinc:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

## **CRQL Standard Recoveries**

All criteria were met.

## **Blank Results**

Mercury was detected below the quantitation limit in the laboratory blank samples. Analytes which were detected in the project samples at levels less than five times those in the blanks were qualified as nondetect (U). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Mercury	Method	All soil samples	0.017 mg/kg	0.085 mg/kg

### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for mercury in samples PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as nondetect (U) at the reporting limit due to laboratory blank contamination.

Target analytes were detected in the field blank sample PFH-GP-FB-121307, which was reported in case number 220-3652). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-GP-FB-121307	All samples	610 ug/L, 122 mg/kg	610 mg/kg
Sulfate	PFH-GP-FB-121307	All samples	0.27 mg/L, 2.7 mg/kg	13.5 mg/kg

### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for sodium in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25) and sulfate in samples PFH-GP-01 (0.5-1), PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), and PFH-GP-02 (23.5-25) were qualified as nondetect (U) at the reporting limit due to field blank contamination.



### **ICP ICS Results**

Thallium (79%) was recovered below the control limits in the ICSAB sample analysis associated with all samples. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, chromium, manganese, and nickel and negative results for thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all soil samples. Sample interferences levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

### **MS Results**

The laboratory performed the MS analyses on sample PFH-GP-XX-121207 (reported in case number 220-3652) for ICP metals, sample PFH-GP-04 (2.5-3) (reported in case number 220-3652) for mercury and sulfate, and sample PFH-GP-03 (2-2.5) for sulfide. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Beryllium	PFH-GP-XX-121207	128	Estimate (J) the positive result for beryllium in sample PFH-GP-05 (0.75-1.75).
Chromium Copper	PFH-GP-XX-121207	261 135	Post-spike recoveries were within control limits. Estimate (J) the positive results for chromium and copper in all soil samples.
Potassium Manganese	PFH-GP-XX-121207	74 66	Estimate (J/UJ) the positive and nondetect results for potassium and manganese in all soil samples.
Lead	PFH-GP-XX-121207	170	Estimate (J) the positive results for lead in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25).

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on PFH-GP-XX-121207 (reported in case number 220-3652) for ICP metals, sample PFH-GP-04 (2.5-3) (reported in case number 220-3652) for mercury and sulfate, and sample PFH-GP-03 (2-2.5) for sulfide. The following table lists the analytes which exhibited RPDs outside of the control limits in the duplicate and the resulting validation actions.

Analyte	Duplicate Sample	RPD (%)	Actions
Barium	PFH-GP-XX-121207	135	Estimate (J) the positive results for barium, iron, magnesium, and manganese in all soil samples.
Iron		102	
Magnesium		89	
Manganese		106	

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample group.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analyses on sample PFH-GP-03 (2-2.25). All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a “J” qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic: PFH-GP-03 (2-2.25)  
 Barium: All samples  
 Beryllium: PFH-GP-05 (0.75-1.75)  
 Calcium: PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)  
 Chromium: PFH-GP-01 (25-27), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

Cobalt:	PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-03 (2-2.25)
Copper:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Lead:	PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Magnesium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Nickel:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Potassium:	All samples
Vanadium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Zinc:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the “J” qualifiers: arsenic in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25).

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3652  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-03 (23.5-25)	220-3652-1	Metals, Sulfate, Sulfide
PFH-GP-04 (2.5-3)	220-3652-2	Metals, Sulfate, Sulfide
PFH-GP-04 (25-26)	220-3652-3	Metals, Sulfate, Sulfide
PFH-GP-XX-121207	220-3652-4	Metals, Sulfate, Sulfide
PFH-FB-121307	220-3652-5	Metals, Sulfate, Sulfide
Associated QC Samples(s):		
Field Blanks:		PFH-GP-FB-121307
Field Duplicate pair:		PFH-GP-03 (23.5-25)/PFH-GP-XX-121207

The above-listed soil samples and field blank sample were collected on December 12 and 13, 2007 and were analyzed for metals by SW-846 methods 6010B/7470A/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
  - Blank Analysis Results
  - Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
  - Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
  - Laboratory Duplicate Results
  - Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results
- \* • Sample Quantitation Results

- \* - All criteria were met for this parameter.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications applied to the data as a result of sampling error are discussed below.

- The positive results for iron and manganese in samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were qualified as estimated (J) due to high relative percent differences (RPDs) in the evaluation of the field duplicate pair. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for sodium in samples PFH-GP-03 (23.5-25) and PFH-GP-04 (2.5-3) and sulfate in samples PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-04 (25-26), and PFH-GP-XX-121207 were qualified as nondetect (U) at the reporting limit or reported value due to field blank contamination. The results are usable for project objectives as nondetects or nondetects with elevated quantitation limits which may have a minor effect on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- The positive and nondetect results for potassium and manganese in all soil samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- The positive results for chromium and copper in all soil samples and lead in sample PFH-GP-04 (2.5-3) were qualified as estimated (J) due to recoveries in the MS analysis which were above control limits. The results may be biased high. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for barium, iron, magnesium, and manganese in all soil samples were qualified as estimated (J) due to high relative percent differences (RPDs) in the laboratory duplicate analysis. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-GP-XX-121207
Barium:	All soil samples
Calcium:	All soil samples
Chromium:	PFH-GP-03 (23.5-25), PFH-GP-04 (25-26), PFH-GP-XX-121207
Cobalt:	PFH-GP-04 (2.5-3)
Copper:	All soil samples
Magnesium:	All soil samples
Nickel:	All soil samples
Potassium:	All soil samples
Sodium:	PFH-FB-121207
Vanadium:	All soil samples
Zinc:	PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-XX-121207
Sulfate:	PFH-FB-121207

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

#### **Holding Times and Sample Preservation**

All criteria were met.

#### **Instrument Calibration**

All recovery criteria were met

#### **CRQL Standard Recoveries**

All criteria were met.

#### **Blank Results**

Target analytes were not detected in the laboratory blank samples.

Target analytes were detected in the field blank sample PFH-GP-FB-121307. The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-GP-FB-121307	All samples	610 ug/L, 122 mg/kg	610 mg/kg
Sulfate	PFH-GP-FB-121307	All samples	0.27 mg/L, 2.7 mg/kg	13.5 mg/kg

**Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for sodium in samples PFH-GP-03 (23.5-25) and PFH-GP-04 (2.5-3) and sulfate in samples PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-04 (25-26), and PFH-GP-XX-121207 were qualified as nondetect (U) at the reporting limit or reported values due to field blank contamination.

**ICP ICS Results**

Thallium (79%) was recovered below the control limits in the ICSAB sample analysis associated with all soil samples. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, manganese, and nickel and negative results for thallium and vanadium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with the field blank sample. Positive results for cadmium, chromium, manganese, and nickel and negative results for thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all soil samples. Sample interferents levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

**MS Results**

The laboratory performed the MS analyses on sample PFH-GP-XX-121207 for ICP metals, sample PFH-GP-04 (2.5-3) for mercury and sulfate, and sample PFH-GP-03 (2-2.25) (reported in case number 220-3621) for sulfide. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Beryllium	PFH-GP-XX-121207	128	Validation action was not required as all results for beryllium were nondetect and therefore not affected by the potential high bias.
Chromium Copper	PFH-GP-XX-121207	261 135	Post-spike recoveries were within control limits. Estimate (J) the positive results for chromium and copper in all soil samples.

Analyte	MS Sample	Recovery (%)	Actions
Potassium Manganese	PFH-GP-XX-121207	74 66	Estimate (J/UJ) the positive and nondetect results for potassium and manganese in all soil samples.
Lead	PFH-GP-XX-121207	170	Estimate (J) the positive result for lead in sample PFH-GP-04 (2.5-3).

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on PFH-GP-XX-121207 for ICP metals, sample PFH-GP-04 (2.5-3) for mercury and sulfate, and sample PFH-GP-03 (2-2.25) (reported in case number 220-3621) for sulfide. The following table lists the analytes which exhibited RPDs outside of the control limits in the soil duplicate and the resulting validation actions.

Analyte	Duplicate Sample	RPD (%)	Actions
Barium Iron Magnesium Manganese	PFH-GP-XX-121207	135 102 89 106	Estimate (J) the positive results for barium, iron, magnesium, and manganese in all soil samples.

### **Field Duplicate Results**

Samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were submitted as the field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analytes, all of which were acceptable with the exception of iron and manganese. The positive results for iron and manganese in samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were estimated (J).

Analyte	PFH-GP-03 (23.5-25) (mg/kg)	PFH-GP-XX-121207 (mg/kg)	RPD (%)
Aluminum	629	522	18.6
Arsenic	9.1 U	2.1	NC, Within 2xQL
Barium	1.9	2.5	27.3
Calcium	99.5	22.5	126.3, Within 2xQL
Chromium	1.3	2.4	59.5, Within 2xQL
Copper	0.86	0.80	7.2
Iron	1130	4070	113.1
Magnesium	75.5	58.4	25.5



Analyte	PFH-GP-03 (23.5-25) (mg/kg)	PFH-GP-XX-121207 (mg/kg)	RPD (%)
Manganese	18.5	42.6	78.9
Nickel	0.84	0.90	6.9
Potassium	48.8	47.3	3.1
Sodium	41.6	249 U	NC, Within 2xQL
Vanadium	1.4	3.8	92.3, Within 2xQL
Zinc	4.9	7.5	41.9
Sulfate	6.8	6.3	7.6

For soil results > 5xQL and RPDs >50; estimate (J) results in the field duplicate pair.

For soil results < 5xQL; the sample and duplicate results must be within 2xQL.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analyses on soil sample PFH-GP-XX-121207. All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a “J” qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic: PFH-GP-XX-121207  
 Barium: All soil samples  
 Calcium: All soil samples  
 Chromium: PFH-GP-03 (23.5-25), PFH-GP-04 (25-26), PFH-GP-XX-121207

Cobalt:	PFH-GP-04 (2.5-3)
Copper:	All soil samples
Magnesium:	All soil samples
Nickel:	All soil samples
Potassium:	All soil samples
Sodium:	PFH-FB-121207
Vanadium:	All soil samples
Zinc:	PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-XX-121207
Sulfate:	PFH-FB-121207

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the “J” qualifiers: lead in sample PFH-GP-04 (2.5-3).

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3706  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SS-01	220-3706-1	Metals, Sulfate, Sulfide
PFH-SS-02	220-3706-2	Metals, Sulfate, Sulfide
PFH-SS-03	220-3706-3	Metals, Sulfate, Sulfide
PFH-SS-04	220-3706-4	Metals, Sulfate, Sulfide
PFH-SS-05	220-3706-5	Metals, Sulfate, Sulfide
PFH-SS-06	220-3706-6	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: None associated  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 17, 2007 and were analyzed for metals by SW-846 methods 6010B/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
- \* • Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Duplicate Results
- NA • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results
- \* • Sample Quantitation Results

\* - All criteria were met for this parameter.

NA – A field duplicate pair was not associated with this sample group.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- The positive results for cobalt and nickel in samples PFH-SS-03 and PFH-SS-05 were qualified as estimated (J) due to positive interferences seen in the ICSC sample analysis. The results may be biased high. The results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for potassium, magnesium, manganese, and antimony in all soil samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-SS-01
Barium:	All samples
Cobalt:	All samples
Copper:	PFH-SS-06
Magnesium:	PFH-SS-01
Nickel:	PFH-SS-01, PFH-SS-03, PFH-SS-04
Potassium:	PFH-SS-01, PFH-SS-03, PFH-SS-04, PFH-SS-05
Selenium:	PFH-SS-01, PFH-SS-02, PFH-SS-03
Sodium:	All samples
Vanadium:	PFH-SS-01

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

### **CRQL Standard Recoveries**

All recovery criteria were met.

### **Blank Results**

Target analytes were not detected in the laboratory blank samples.

A field blank sample was not associated with the surface samples.

### **ICP ICS Results**

Analytes were recovered within the control limits in the ICSAB sample analyses.

Positive results for cadmium, chromium, copper, manganese, nickel, and lead and negative results for cobalt were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all aqueous samples. Sample interferences levels were reviewed. Iron or calcium was present in samples PFH-SS-03 (116%) and PFH-SS-05 (92%) at similar levels to those of the ICSA solution. The following table lists the estimated interferences and resulting validation actions.

Sample	Analyte	Sample Result (ug/L)	Estimated Interference (ug/L)	Actions
PFH-SS-03	Cadmium	25 U	6.4	Validation action was not required.
	Cobalt	12.5	-3.1	Estimate (J) the positive result for cobalt.
	Chromium	56.8	2.4	Interference <10%; no validation action required.
	Copper	69.1	2.6	Interference <10%; no validation action required.
	Manganese	1253	9.4	Interference <10%; no validation action required.
	Nickel	29.4	8.8	Estimate (J) the positive result for nickel.
	Lead	836.9	5.5	Interference <10%; no validation action required.

Sample	Analyte	Sample Result (ug/L)	Estimated Interference (ug/L)	Actions
PFH-SS-05	Cadmium	25 U	5.1	Validation action was not required.
	Cobalt	15.2	-2.5	Estimate (J) the positive result for cobalt.
	Chromium	39.7	1.9	Interference <10%; no validation action required.
	Copper	75.0	2.0	Interference <10%; no validation action required.
	Manganese	1970	7.5	Interference <10%; no validation action required.
	Nickel	40.8	7.0	Estimate (J) the positive result for nickel.
	Lead	170.5	4.3	Interference <10%; no validation action required.

### **MS Results**

The laboratory performed the MS analyses on sample PFH-SS-01 for metals and sulfide and sample PFH-GP-03 (23.5-25) which was reported in case number 220-3652 for sulfate. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Potassium	PFH-SS-01	61	Estimate (J/UJ) the positive and nondetect results for potassium, magnesium, manganese, and antimony in all soil samples.
Magnesium		74	
Manganese		64	
Antimony		72	

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on sample PFH-SS-01 for metals and sulfide and sample PFH-GP-03 (23.5-25) which was reported in case number 220-3652 for sulfate. All criteria were met.

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample set.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analysis on sample PFH-SS-01. All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a “J” qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic:	PFH-SS-01
Barium:	All samples
Cobalt:	All samples
Copper:	PFH-SS-06
Magnesium:	PFH-SS-01
Nickel:	PFH-SS-01, PFH-SS-03, PFH-SS-04
Potassium:	PFH-SS-01, PFH-SS-03, PFH-SS-04, PFH-SS-05
Selenium:	PFH-SS-01, PFH-SS-02, PFH-SS-03
Sodium:	All samples
Vanadium:	PFH-SS-01

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the “J” qualifiers: arsenic in samples PFH-SS-02, PFH-SS-03, PFH-SS-04, FH-SS-05, and PFH-SS-06, mercury in sample PFH-SS-01, mercury in samples PFH-SS-01, PFH-SS-03, and PFH-SS-06, and zinc in sample PFH-SS-01.

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3708  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-MW-05	220-3708-1	Metals, Sulfate, Sulfide
PFH-MW-02	220-3708-2	Metals, Sulfate, Sulfide
PFH-MW-04	220-3708-3	Metals, Sulfate, Sulfide
PFH-MW-01	220-3708-4	Metals, Sulfate, Sulfide
PFH-MW-03	220-3708-5	Metals, Sulfate, Sulfide
PFH-Fieldblank-121707	220-3708-7	Metals, Sulfate, Sulfide
PFH-MW-XX	220-3708-8	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: PFH-Fieldblank-121707  
Field Duplicate pair: PFH-MW-05/PFH-MW-XX

The above-listed aqueous samples and field blank sample were collected on December 17, 2007 and were analyzed for metals by SW-846 methods 6010B/7470A/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
  - Contract Required Quantitation Limit (CRQL) Standard Recoveries
  - Blank Analysis Results
  - Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- \* • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Duplicate Results
- \* • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results



- \* • Sample Quantitation Results
- \* - All criteria were met for this parameter.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- The nondetect result for aluminum in sample PFH-MW-01 was qualified as estimated (UJ) due to low recovery in the CRDL analysis. The result may be biased low. The result is usable for project objectives as a nondetect with estimated quantitation limit which may have a minor effect on the data usability.
- The positive result for copper in sample PFH-MW-01 was qualified as nondetect (U) at the reporting limit due to laboratory blank contamination. The result is usable for project objectives as a nondetect which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Aluminum:	PFH-MW-05, PFH-MW-02, PFH-MW-XX
Barium:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Chromium:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Cobalt:	PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-MW-XX
Copper:	PFH-MW-04
Magnesium:	PFH-MW-01
Nickel:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Potassium:	PFH-MW-05, PFH-MW-03, PFH-MW-XX
Sodium:	PFH-Fieldblank-121707
Thallium:	PFH-MW-05
Vanadium:	PFH-MW-02
Zinc:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Sulfate:	PFH-Fieldblank-121707

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

### **CRQL Standard Recoveries**

The following table lists the recovery which was outside the control limits in the contract required quantitation limit (CRQL) standards and the resulting validation actions. The affected level range was determined by two times the true value of the CRQL standard analyzed.

Analyte	Recovery	Associated Samples	Validation Actions
Aluminum	68%	All samples	Estimate (UJ) the nondetect result for aluminum in sample PFH-MW-01.

### **Blank Results**

Target analytes were detected below the quantitation limit in the laboratory blank samples. Analytes which were detected in the project samples at levels less than five times those in the blanks were qualified as nondetect (U). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	Method	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-Fieldblank, PFH-MW-XX	570 ug/L	2850 ug/L
Calcium	Instrument	PFH-MW-01	260 ug/L	1300 ug/L
Copper	Instrument	PFH-MW-01	5.4 ug/L	27 ug/L
Nickel	Instrument	PFH-MW-01	15 ug/L	75 ug/L

#### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq$  2 MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive result for copper in sample PFH-MW-01 was qualified as nondetect (U) at the reporting limit due to laboratory blank contamination.

Target analytes were detected in the field blank sample PFH-Fieldblank-121707. The following table summarizes the contamination. Validation actions were not required on this basis.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-FB-121707	All samples	380 ug/L	1900 ug/L
Sulfate	PFH-FB-121707	All samples	0.27 mg/L	1.35 mg/L

#### Blank Actions

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

### **ICP ICS Results**

Calcium (78%), cobalt (78%), and thallium (74%) were recovered below the control limits in the ICSAB sample analysis associated with sample PFH-MW-01. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, manganese, and nickel and negative results for cobalt and thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with samples PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-Fieldblank-121707, and PFH-MW-XX. Positive results for cadmium, manganese, and nickel and negative results for thallium and vanadium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with sample PFH-MW-01. Sample interferents levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

### **MS Results**

The laboratory performed the MS analyses on sample PFH-MW-01 for metals, sulfate, and sulfide. All criteria were met.

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on sample PFH-MW-01 for metals, sulfate, and sulfide. All criteria were met.

**Field Duplicate Results**

Samples PFH-MW-05 and PFH-MW-XX were submitted as the aqueous field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analytes, all of which were acceptable.

Analyte	PFH-MW-05 (ug/L)	PFH-MW-XX (ug/L)	RPD (%)
Aluminum	150	130	14.3
Barium	38	36	5.4
Calcium	27,200	26,200	3.7
Chromium	9.5	9.5	0
Cobalt	10 U	2.4	NC, Within QL
Iron	680	740	8.5
Magnesium	5400	5300	1.9
Manganese	420	410	2.4
Nickel	10	10	0
Potassium	3900	3700	5.3
Sodium	28,900	28,100	2.8
Thallium	9.1	40 U	NC, Within QL
Zinc	20	22	9.5
Sulfate	15.9	16.3	2.5

For aqueous results > 5xQL and RPDs >30; estimate (J) results in the field duplicate pair.

For aqueous results < 5xQL; the sample and duplicate results must be within QL.

**LCS Results**

All criteria were met.

**Serial Dilution Results**

The laboratory performed the serial dilution analysis on sample PFH-MW-05. All criteria were met.

**Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a "J" qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum,

arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Aluminum:	PFH-MW-05, PFH-MW-02, PFH-MW-XX
Barium:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Chromium:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Cobalt:	PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-MW-XX
Copper:	PFH-MW-04
Magnesium:	PFH-MW-01
Nickel:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Potassium:	PFH-MW-05, PFH-MW-03, PFH-MW-XX
Sodium:	PFH-Fieldblank-121707
Thallium:	PFH-MW-05
Vanadium:	PFH-MW-02
Zinc:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Sulfate:	PFH-Fieldblank-121707

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the “J” qualifiers: aluminum in sample PFH-MW-04 and iron in sample PFH-MW-01.

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

recd 3/11

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Client Matrix: Solid

% Moisture: 27.9

Date Sampled: 12/17/2007 1030

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12139

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6783.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/23/2007 1947

Final Weight/Volume: 5 mL

Date Prepared: 12/23/2007 1947

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	330	33	B-VJ	3.2	28
Benzene		6.9	U-VJ	0.98	6.9
Bromodichloromethane		6.9	U-VJ	0.90	6.9
Bromoform		6.9	U-VJ	2.4	6.9
Bromomethane		6.9	U-M-VJ	2.1	6.9
Methyl Ethyl Ketone		14	U-VJ	4.7	14
Carbon disulfide		6.9	U-VJ	0.74	6.9
Carbon tetrachloride		6.9	U-VJ	0.98	6.9
Chlorobenzene		6.9	U-VJ	1.2	6.9
Chloroethane		6.9	U-VJ	1.8	6.9
Chloroform		6.9	U-VJ	0.74	6.9
Chloromethane		6.9	U-VJ	1.4	6.9
Dibromochloromethane		6.9	U-VJ	1.5	6.9
1,1-Dichloroethane		6.9	U-VJ	0.90	6.9
1,2-Dichloroethane		6.9	U-VJ	1.5	6.9
1,1-Dichloroethene		6.9	U-VJ	1.1	6.9
1,2-Dichloropropane		6.9	U-VJ	1.3	6.9
cis-1,3-Dichloropropene		6.9	U-VJ	0.86	6.9
trans-1,3-Dichloropropene		6.9	U-VJ	1.5	6.9
Ethylbenzene		6.9	U-VJ	0.98	6.9
2-Hexanone		14	U-VJ	3.7	14
Methylene Chloride	280	7.6	J-B-VJ	1.9	28
methyl isobutyl ketone		6.9	U-VJ	1.3	6.9
Styrene		6.9	U-VJ	1.8	6.9
1,1,2,2-Tetrachloroethane		6.9	U-VJ	1.4	6.9
Tetrachloroethene		6.9	U-VJ	1.0	6.9
Toluene		6.9	U-VJ	0.82	6.9
1,1,1-Trichloroethane		6.9	U-VJ	1.0	6.9
1,1,2-Trichloroethane		6.9	U-VJ	1.2	6.9
Trichloroethene		6.9	U-VJ	1.4	6.9
Vinyl chloride		6.9	U-VJ	1.8	6.9
Xylenes, Total		6.9	U-VJ	3.4	6.9
cis-1,2-Dichloroethene		6.9	U-VJ	1.3	6.9
trans-1,2-Dichloroethene		6.9	U-VJ	1.3	6.9

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	51	49 - 134
4-Bromofluorobenzene	35	36 - 133
Dibromofluoromethane	50	60 - 130
Toluene-d8 (Surr)	38	51 - 137

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Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

**Site:** Keyspan-Pinelawn/Farmingdale  
**Laboratory:** Test America, CT  
**Report No.:** 220-3706-1  
**Reviewer:** Lisa McDonagh/GEI Consultants  
**Date:** March 26, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SS-01	220-3706-1	VOC, SVOC, HERB
PFH-SS-02	220-3706-2	VOC, SVOC, HERB
PFH-SS-03	220-3706-3	VOC, SVOC, HERB
PFH-SS-04	220-3706-4	VOC, SVOC, HERB
PFH-SS-05	220-3706-5	VOC, SVOC, HERB
PFH-SS-06	220-3706-6	VOC, SVOC, HERB

Associated QC Samples(s): Field Blanks: None associated  
 Field Duplicate pair: None associated

The above-listed soil samples were collected on December 17, 2007 and were analyzed for volatile organic compounds (VOCs) by SW-846 method 8260B, semivolatile organic compounds (SVOCs) by SW-846 method 8270C and herbicide organic compounds (HERBs) by SW-846 method 8151A. The data validation based on the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, January 2005 and the USEPA Region II Standard Operating Procedure (SOP) for the Validation of Organic Data acquired using SW-846 8260B, 8270C and 8151A, modified to accommodate the SW-846 methodologies.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- NA • Field Duplicate Results
- Quantitation Limits and Data Assessment
- \* • Sample Quantitation and Compound Identification
- \* - All criteria were met.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error.

Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select VOC, SVOC and HERB results, which were below the lowest calibration standard. These results were qualified as estimated (J). These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.
- The nondetect SVOC result for benzo(ghi)perylene in sample PFH-SS-01 was qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The result can be used for project objectives as an estimated quantitation limit, which may have a minor impact on the data usability.
- The nondetect Herbicide results for 2,4,5-T in all samples 220-3706-1 were qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from this nonconformance. The nondetect results can be used for project objectives as estimated quantitation limits. These qualifications may have a minor impact on the data usability.
- The positive VOC results for acetone and methylene chloride in all samples 220-3706-1 were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.
- The positive SVOC results for di-n-butylphthalate in samples PFH-SS-04, PFH-SS-05 and PFH-SS-06 were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.
- The positive and/or nondetect VOC results in samples PFH-SS-01 and PFH-SS-04 were qualified as estimated (J/UJ) due to low percent recovery in the evaluation of the surrogates. The result can be used for project objectives as estimated values, which may have a minor impact on the data usability.
- The nondetect VOC results for bromoform, chlorobenzene, dibromochloromethane, ethylbenzene, styrene, 1,1,2,2-tetrachloroethane, tetrachloroethene, toluene, xylenes(total) and carbon tetrachloride in sample PFH-SS-01 were qualified as estimated (UJ) due to low percent recovery in the evaluation of the MS/MSD. The results can be used for project objectives as estimated values, which may have a minor impact on the data usability.



- The nondetect VOC results were qualified (UJ) due to LCS recovery, which were below the control limits: styrene in all samples 220-3706-1. The results may be biased low. The nondetect results can be used for project objectives as estimated quantitation limits. These qualifications may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYASP category B deliverables for the VOC, SVOC and HERB analyses.

#### **Holding Times and Sample Preservation**

All holding time and sample preservation criteria were met in the VOC, SVOC and HERB analyses.

#### **GC/MS Tunes**

All criteria were met in the VOC and SVOC analyses.

#### **Initial and Continuing Calibrations**

##### VOC

All criteria were met in the VOC analyses.

##### SVOC

Compounds that did not meet criteria in the SVOC calibrations are summarized in the following tables.

<b>Instrument ID MSZ Compound</b>	<b>IC 12/18/07</b>	<b>CC 12/19/07</b>
Benzo(ghi)perylene		XX(29.2%)
Samples Affected	All samples listed.	PFH-SS-01

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

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+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The nondetect SVOC result for benzo(ghi)perylene in sample PFH-SS-01 was qualified as estimated (UJ) due to continuing calibration nonconformances.

HERB

Compounds that did not meet criteria in the HERB calibrations are summarized in the following tables.

Instrument ID A2hp1 Compound	CC 12/30/07 20:29 HERB	CC 12/30/07 20:29 HERBR
2,4,5-T	XX(16.7%)	
Samples Affected	All samples 220-3706-1.	All samples 220-3706-1.

X = Initial calibration (IC) relative standard deviation (%RSD) > 20; estimate (J) positive and (UJ) blank-qualified nondetect results.

XX = Continuing calibration (CC) percent difference (%D) > 15; estimate (J/UJ) positive and nondetect results.

XXX = The correlation coefficient for the calibration curve < 0.995; estimate (J) positive results only.

The nondetect Herbicide results for 2,4,5-T in all samples 220-3706-1 were qualified as estimated (UJ) due to continuing calibration nonconformances.

Blanks

VOC

Methylene chloride and acetone were detected in the method blank samples. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Acetone	Method Blank	PFH-SS-01	11 ug/Kg	110 ug/Kg
Methylene chloride		PFH-SS-02	1.8 ug/Kg	18 ug/Kg
		PFH-SS-04		
		PFH-SS-05		
		PFH-SS-06		
Acetone	Method Blank	PFH-SS-03	9.6 ug/Kg	96 ug/Kg
Methylene chloride			2.3 ug/Kg	23 ug/Kg

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Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive VOC results for acetone and methylene chloride in all samples 220-3706-1 were qualified as a nondetect due to method blank contamination.

SVOC

Di-n-butylphthalate was detected in the method blank sample. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
di-n-butylphthalate	Method Blank	PFH-SS-02 PFH-SS-03 PFH-SS-04 PFH-SS-05 PFH-SS-06	77 ug/Kg	770 ug/Kg

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive SVOC results for di-n-butylphthalate in sample PFH-SS-04, PFH-SS-05 and PFH-SS-06 were qualified as a nondetect due to method blank contamination.

HERB

Target compounds were not detected in the HERB method blank samples.

Surrogate Recoveries

VOC

The following table summarizes the surrogate recoveries that failed to meet the acceptance criteria in the VOC analyses:

Sample ID	Percent Recovery				Action
	Tol-d8 51-137	BFB 36-133	DCE	DBFM 60-130	
PFH-SS-01	38	35	-	50	Estimate (J/UJ) the positive and/or nondetect results.
PFH-SS-04	42	27	-	58	Estimate (J/UJ) the positive and/or nondetect results.

- Within control limits

Tol-d8 – Toluene-d8

BFB – Bromofluorobenzene

DCE – 1,2-Dichloroethane-d4

DBFM - Dibromofluoromethane

### SVOC and HERB

All criteria were met in the SVOC and HERB analyses.

### MS/MSD Results

#### VOC

MS/MSD analyses were performed on sample PFH-SS-01. The following table lists the compounds recovered outside of control limits in the VOC analyses and the resulting validation actions.

Compound	Recovery (%)	RPD (%)	Control Limits	Validation Actions
Bromoform	43/38	-	51-117	Estimate (UJ) the nondetect results for bromoform, chlorobenzene, dibromochloromethane, ethylbenzene, styrene, 1,1,2,2-tetrachloroethane, tetrachloroethene, toluene, xylenes(total) and carbon tetrachloride in sample PFH-SS-01.
Chlorobenzene	51/46	-	74-114	
Dibromochloromethane	56/50	-	68-117	
Ethylbenzene	54/48	-	74-117	
Styrene	47/41	-	72-114	
1,1,2,2-tetrachloroethane	54/45	-	59-124	
Tetrachloroethene	51/45	-	66-122	
Toluene	61/56	-	72-113	
Xylenes(total)	51/46	-	73-116	
Carbon tetrachloride	-/58	-	62-135	
2-hexanone	-/-	24	<20	

SVOC

SVOC MS/MSD samples were not submitted with the data package.

HERB

HERB MS/MSD samples were not submitted with the data package.

LCS Results

VOC

The following table lists the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
Styrene	67	72-114	PFH-SS-01 PFH-SS-02 PFH-SS-04 PFH-SS-05 PFH-SS-06	Estimate (UJ) the nondetect Results for styrene in the associated samples.
Styrene	68	72-114	PFH-SS-03	Estimate (UJ) the nondetect result for styrene in the associated samples.

SVOC

The following tables list the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
2,4-dinitrophenol	96	0-36	All samples 220-3706-1.	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.
4,6-dinitro-2-methylphenol	106	0-89		

HERB

All criteria were met.

### **Internal Standards**

#### **VOC**

All criteria were met.

#### **SVOC**

The SVOC internal standard perylene-d12 was over-recovered in sample PFH-SS-01. Qualifications were not required.

### **Field Duplicate Results**

Field duplicate samples were not submitted with the data package.

### **Quantitation Limits and Data Assessment**

#### **VOC, SVOC and HERB**

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC, SVOC and HERB analyses. These results were qualified as estimated (J) due to uncertainty at the low end of the calibration. The result for indeno(123cd)pyrene in sample PFH-SS-05 was less than the reporting limit and estimated (J) by the laboratory. However, the compound result was above the lowest associated calibration standard; therefore, the 'J' qualifier was removed by the validator.

The following table lists the sample dilutions, which were performed and reported. Quantitation limits were elevated accordingly.

Sample	VOC Analysis/Dilution Reported	SVOC Analysis/Dilution Reported
PFH-SS-01	NR	Final extract volume of 1.0 ml and 2-fold dilution performed.

NR- Dilution was not required.

All other VOC, SVOC and HERB analyses were performed at a 1:1 dilution.

### **Sample Quantitation and Compound Identification**

#### **VOC, SVOC and HERB**

Calculations were spot-checked; no discrepancies were noted in the VOC, SVOC and HERB analyses.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3706  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SS-01	220-3706-1	Metals, Sulfate, Sulfide
PFH-SS-02	220-3706-2	Metals, Sulfate, Sulfide
PFH-SS-03	220-3706-3	Metals, Sulfate, Sulfide
PFH-SS-04	220-3706-4	Metals, Sulfate, Sulfide
PFH-SS-05	220-3706-5	Metals, Sulfate, Sulfide
PFH-SS-06	220-3706-6	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: None associated  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 17, 2007 and were analyzed for metals by SW-846 methods 6010B/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
- \* • Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Duplicate Results
- NA • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results
- \* • Sample Quantitation Results

\* - All criteria were met for this parameter.

NA – A field duplicate pair was not associated with this sample group.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- The positive results for cobalt and nickel in samples PFH-SS-03 and PFH-SS-05 were qualified as estimated (J) due to positive interferences seen in the ICSA sample analysis. The results may be biased high. The results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for potassium, magnesium, manganese, and antimony in all soil samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-SS-01
Barium:	All samples
Cobalt:	All samples
Copper:	PFH-SS-06
Magnesium:	PFH-SS-01
Nickel:	PFH-SS-01, PFH-SS-03, PFH-SS-04
Potassium:	PFH-SS-01, PFH-SS-03, PFH-SS-04, PFH-SS-05
Selenium:	PFH-SS-01, PFH-SS-02, PFH-SS-03
Sodium:	All samples
Vanadium:	PFH-SS-01

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.



### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

### **CRQL Standard Recoveries**

All recovery criteria were met.

### **Blank Results**

Target analytes were not detected in the laboratory blank samples.

A field blank sample was not associated with the surface samples.

### **ICP ICS Results**

Analytes were recovered within the control limits in the ICSAB sample analyses.

Positive results for cadmium, chromium, copper, manganese, nickel, and lead and negative results for cobalt were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all aqueous samples. Sample interferences levels were reviewed. Iron or calcium was present in samples PFH-SS-03 (116%) and PFH-SS-05 (92%) at similar levels to those of the ICSA solution. The following table lists the estimated interferences and resulting validation actions.

Sample	Analyte	Sample Result (ug/L)	Estimated Interference (ug/L)	Actions
PFH-SS-03	Cadmium	25 U	6.4	Validation action was not required.
	Cobalt	12.5	-3.1	Estimate (J) the positive result for cobalt.
	Chromium	56.8	2.4	Interference <10%; no validation action required.
	Copper	69.1	2.6	Interference <10%; no validation action required.
	Manganese	1253	9.4	Interference <10%; no validation action required.
	Nickel	29.4	8.8	Estimate (J) the positive result for nickel.
	Lead	836.9	5.5	Interference <10%; no validation action required.

Sample	Analyte	Sample Result (ug/L)	Estimated Interference (ug/L)	Actions
PFH-SS-05	Cadmium	25 U	5.1	Validation action was not required.
	Cobalt	15.2	-2.5	Estimate (J) the positive result for cobalt.
	Chromium	39.7	1.9	Interference <10%; no validation action required.
	Copper	75.0	2.0	Interference <10%; no validation action required.
	Manganese	1970	7.5	Interference <10%; no validation action required.
	Nickel	40.8	7.0	Estimate (J) the positive result for nickel.
	Lead	170.5	4.3	Interference <10%; no validation action required.

### **MS Results**

The laboratory performed the MS analyses on sample PFH-SS-01 for metals and sulfide and sample PFH-GP-03 (23.5-25) which was reported in case number 220-3652 for sulfate. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Potassium	PFH-SS-01	61	Estimate (J/UJ) the positive and nondetect results for potassium, magnesium, manganese, and antimony in all soil samples.
Magnesium		74	
Manganese		64	
Antimony		72	

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on sample PFH-SS-01 for metals and sulfide and sample PFH-GP-03 (23.5-25) which was reported in case number 220-3652 for sulfate. All criteria were met.

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample set.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analysis on sample PFH-SS-01. All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a "J" qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic:	PFH-SS-01
Barium:	All samples
Cobalt:	All samples
Copper:	PFH-SS-06
Magnesium:	PFH-SS-01
Nickel:	PFH-SS-01, PFH-SS-03, PFH-SS-04
Potassium:	PFH-SS-01, PFH-SS-03, PFH-SS-04, PFH-SS-05
Selenium:	PFH-SS-01, PFH-SS-02, PFH-SS-03
Sodium:	All samples
Vanadium:	PFH-SS-01

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the "J" qualifiers: arsenic in samples PFH-SS-02, PFH-SS-03, PFH-SS-04, FH-SS-05, and PFH-SS-06, mercury in sample PFH-SS-01, mercury in samples PFH-SS-01, PFH-SS-03, and PFH-SS-06, and zinc in sample PFH-SS-01.

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3706  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SS-01	220-3706-1	Pesticide, PCBs
PFH-SS-02	220-3706-2	Pesticide, PCBs
PFH-SS-03	220-3706-3	Pesticide, PCBs
PFH-SS-04	220-3706-4	Pesticide, PCBs
PFH-SS-05	220-3706-5	Pesticide, PCBs
PFH-SS-06	220-3706-6	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: None associated  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 17, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \*
  - Data Completeness
  - Holding Times and Sample Preservation
- NA
  - Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
  - GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
  - Initial and Continuing Calibrations
  - Blanks
  - Surrogate Recoveries
  - Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
  - Laboratory Control Sample (LCS) Results
- \*
  - Moisture Content
- NA
  - Internal Standards
- NA
  - Field Duplicate Results
  - Quantitation Limits and Data Assessment
  - Sample Quantitation and Compound Identification

\* - All criteria were met.

NA- Not applicable to the methods reviewed and a field duplicate was not associated with this sample group.

All results are usable for project objectives with the exception of 4,4'-DDT in sample PFH-SS-04 which was rejected due to DDT breakdown results and 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor in samples PFH-SS-02 and PFH-SS-06, 4,4'-DDD and 4,4'-DDT in sample PFH-SS-03, 4,4'-DDT, endosulfan II, and methoxychlor in sample PFH-SS-04, and endosulfan II and methoxychlor in sample PFH-SS-05, which were rejected due to high continuing calibration percent differences.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide and PCB results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for pesticide samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 were qualified as estimated (J/UJ) due to a holding time exceedance. The results may be biased low. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive results for 4,4'-DDE in samples PFH-SS-04 and PFH-SS-05 were qualified as presumptively present (JN) due to high DDT breakdown results. The results may be biased high. The results are usable for project objectives as compounds which are presumptively present at an approximated quantity which may have a minor impact on the data usability.
- The dual column qualified nondetect result for 4,4'-DDT in sample PFH-SS-05 was qualified as estimated (UJ) due to high DDT breakdown standard results. The result may be biased low. The result can be used for project objectives as a nondetect with estimated quantitation limit which may have a minor impact on the data usability.
- The nondetect result for 4,4'-DDT in sample PFH-SS-04 was rejected (R) due to high DDT breakdown standard results. The result is not usable for project objectives which may have a major impact on the data usability.

- The nondetect results for 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor in samples PFH-SS-02 and PFH-SS-06, 4,4'-DDD and 4,4'-DDT in sample PFH-SS-03, 4,4'-DDT, endosulfan II, and methoxychlor in sample PFH-SS-04, and endosulfan II and methoxychlor in sample PFH-SS-05 were rejected (R) due to continuing calibration percent differences greater than 90. The results are not usable for project objectives which may have a major impact on the data usability.
- The positive and nondetect results for gamma-BHC, 4,4'-DDD, 4,4'-DDT, and methoxychlor in sample PFH-SS-01, all pesticide results with the exception of 4,4'-DDD, 4,4'-DDT, endosulfan II, methoxychlor, and 4,4'-DDE in samples PFH-SS-02 and PFH-SS-06, all pesticide results with the exception of 4,4'-DDD, 4,4'-DDT, and 4,4'-DDE in sample PFH-SS-03, all pesticide results with the exception of 4,4'-DDT, endosulfan II, methoxychlor, and 4,4'-DDE in sample PFH-SS-04, and all pesticide results with the exception of endosulfan II, methoxychlor, and 4,4'-DDE in sample PFH-SS-05 were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive result for dieldrin in sample PFH-SS-01 was qualified as estimated (J) due to low MS recovery. The result may be biased low. The result can be used for project objectives as an estimated value which may have a minor impact on the data usability.
- The positive results for alpha-BHC, aldrin, endosulfan II, 4,4'-DDD, endosulfan sulfate, and 4,4'-DDT in sample PFH-SS-01, heptachlor epoxide, gamma-chlordane, and alpha-chlordane in sample PFH-SS-02, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC, 4,4'-DDE, endosulfan II, and methoxychlor in sample PFH-SS-03, beta-BHC, delta-BHC, dieldrin, and 4,4'-DDD in sample PFH-SS-04, beta-BHC, delta-BHC, heptachlor, heptachlor epoxide, dieldrin, 4,4'-DDD, 4,4'-DDT, and endrin ketone in sample PFH-SS-05, and delta-BHC and gamma-chlordane in sample PFH-SS-06 were qualified as nondetect (U) at the reporting limits due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.
- The positive results for methoxychlor and Aroclor 1254 in sample PFH-SS-01, Aroclor 1254 and dieldrin in sample PFH-SS-03, alpha-chlordane, 4,4'-DDE, and Aroclor 1254 in sample PFH-SS-04, alpha-chlordane, 4,4'-DDE, and Aroclor 1254 in sample PFH-SS-05 were qualified as estimated (J) due to the high dual column relative percent differences (%RPDs). The direction of the bias cannot be determined. The results can be used for project objectives as estimated values which may have a minor impact on the data usability.

- The positive results for beta-BHC, delta-BHC, heptachlor, alpha-chlordane, and 4,4'-DDE in sample PFH-SS-01, gamma-chlordane and alpha-chlordane in sample PFH-SS-03, gamma-chlordane in samples PFH-SS-04 and PFH-SS-05 were qualified as presumptively present (JN) due to the dual column RPD greater than 70. The direction of the bias cannot be determined. The results can be used for project objectives as compounds which are presumptively present at an approximated quantity which may have a minor impact on the data usability.

The validation findings were based on the following information.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

### **Holding Times and Sample Preservation**

#### **Pesticide**

Due to poor recoveries in the LCS associated with samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06, the laboratory re-extracted the samples outside of holding time. The following table lists the holding time exceedances. As the LCS recoveries were acceptable in the re-extraction and poor recoveries in the initial analysis would result in compound rejections, the re-extraction results were reported. The positive and nondetect pesticide results for samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 were estimated (J/UJ).

Sample	Holding Time Exceedance
PFH-SS-02 RE	8 days
PFH-SS-03 RE	3 days
PFH-SS-04 RE	3 days
PFH-SS-05 RE	3 days
PFH-SS-06 RE	3 days

#### **PCB**

All criteria were met.

### **GC/ECD Instrument Performance Checks**

The percent breakdown for 4,4'-DDT (100 and 100) exceeded the control limit on both columns in the standard analyzed on 01/17/08 (06:50) on instrument HP6890-7, associated with samples

PFH-SS-02, PFH-SS-02 RE, PFH-SS-03, PFH-SS-03 RE, PFH-SS-04, PFH-SS-04 RE, PFH-SS-05, PFH-SS-05 RE, PFH-SS-06, and PFH-SS-06 RE. Validation actions were not required for samples PFH-SS-02, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-05, PFH-SS-06, and PFH-SS-06 RE as all affected results were nondetect in these samples. Validation actions were not required for samples PFH-SS-03 and PFH-SS-04 as the re-extraction results were reported for these samples. The following table summarizes the validation actions required in the remaining samples.

Sample	Validation Actions
PFH-SS-04 RE	Reject (R) the nondetect result for 4,4'-DDT. Qualify the result for 4,4'-DDE as presumptively present (JN).
PFH-SS-05 RE	Estimate (UJ) the dual column qualified nondetect result for 4,4'-DDT. Qualify the result for 4,4'-DDE as presumptively present (JN).

The percent breakdown for 4,4'-DDT (29.3) exceeded the control limit on column CLP-pest II in the standard analyzed on 01/06/08 (22:23) on instrument HP6890-7, associated with QC samples. The combined percent breakdown for 4,4'-DDT and endrin (33.6 and 40) exceeded the control limit on both columns in the standard analyzed on 01/03/08 (07:25) on instrument HP6890-7, associated with QC samples. Validation actions were not required on this basis.

### Initial and Continuing Calibrations

#### Pesticides

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following tables.

Instrument ID HP6890-7 Compound	CC 12/29/07 02:38 CLP	CC 12/29/07 02:38 CLP -pest II
Gamma-BHC		XX (16.2%)
4,4'-DDD	XX (18.9%)	XX (22.6%)
4,4'-DDT	XX (29.3%)	XX (32.3%)
Methoxychlor	XX (20.8%)	XX (22.7%)
Samples Affected	PFH-SS-01	PFH-SS-01



<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/03/08 07:52 CLP</b>	<b>CC 01/03/08 07:52 CLP -pest II</b>
4,4'-DDT	XX (20.2%)	XX (20.4%)
Samples Affected	QC samples	QC samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/06/08 22:44 CLP -pest II</b>
Endrin	XX (16.6%)
Samples Affected	QC samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/17/08 7:12 CLP</b>	<b>CC 01/17/08 7:12 CLP -pest II</b>
4,4'-DDT	XXX (100%)	XXX (100%)
Heptachlor	XX (33.4%)	XX (27.4%)
Alpha-BHC		XX (26.4%)
Beta-BHC		XX (39.2%)
Delta-BHC		XX (41.3%)
Gamma-BHC		XX (65.9%)
Aldrin		XX (38.1%)
Heptachlor epoxide		XX (55.7%)
Gamma-chlordane		XX (50.0%)
Endosulfan I		XX (45.5%)
Alpha-chlordane		XX (24.7%)
Dieldrin		XX (68.2%)
Endrin		XX (84.1%)
Methoxychlor	XXX (99.4%)	XXX (99.1%)
Endosulfan II		XXX (98.3%)
4,4'-DDD	XX (24.0%)	XXX (181%)
Endrin aldehyde		XX (44.3%)
Endosulfan sulfate		XX (71.1%)

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/17/08 7:12 CLP</b>	<b>CC 01/17/08 7:12 CLP -pest II</b>
Endrin ketone	XX (29.4%)	XX (64.6%)
Samples Affected	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-04 RE, PFH-SS-05 RE, PFH-SS-06 RE.	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06, PFH-SS-02 RE, PFH-SS-03 RE, PFH-SS-04 RE, PFH-SS-05 RE, PFH-SS-06 RE.

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The following table summarized the qualifications required due to continuing calibration nonconformances.

<b>Sample</b>	<b>Validation Actions</b>
PFH-SS-01	Estimate (J/UJ) the positive and nondetect results for gamma-BHC, 4,4'-DDD, 4,4'-DDT, and methoxychlor.
PFH-SS-02 RE	Reject (R) the nondetect results 4,4'-DDD, 4,4'-DDT, endosulfan II and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-03 RE	Reject (R) the nondetect results 4,4'-DDD and 4,4'-DDT. Estimate (UJ) the dual column qualified nondetect results for endosulfan II and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-04 RE	Reject (R) the nondetect results for 4,4'-DDT, endosulfan II, and methoxychlor. Estimate (UJ) the dual column qualified nondetect results for 4,4'-DDD. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-05 RE	Reject (R) the nondetect results for endosulfan II and methoxychlor. Estimate (UJ) the dual column qualified nondetect results for 4,4'-DDD and 4,4'-DDT. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.
PFH-SS-06 RE	Reject (R) the nondetect results 4,4'-DDD, 4,4'-DDT, endosulfan II, and methoxychlor. Estimate (J/UJ) the remaining compounds with the exception of 4,4'-DDE.

Validation actions were not required for the affected compounds in samples PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, and PFH-SS-06 as the re-extraction results for these samples were reported.

## PCB

The following table lists the Aroclor peak continuing calibration results which were outside of control limits. No validation actions were required as the Aroclor %D averages for the standards were within control limits.

Compound	Calibration Date	Instrument ID/Column	%D
Aroclor 1260-2	12/20/07 16:58	HP5890-4/CLP-pest	15.1%
Average Aroclor 1260			11.9%
Aroclor 1260-5	12/31/07 02:10	HP5890-4/CLP-pest	16.0%
Average Aroclor 1260			12.7%
Aroclor 1016-1	12/31/07 02:10	HP5890-4/CLP-pest	16.1%
Aroclor 1016-5			21.1%
Average Aroclor 1016			12.4%

## Blanks

### PCB

Target compounds were not detected in the PCB laboratory method and instrument blanks.

A field blank was not associated with the surface soil samples.

### Pesticide

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Delta-BHC	12/29/07 02:59 CLP-pest II	0.00317	PFH-SS-01	Validation actions were not required.

## Surrogate Recoveries

### PCBs

The following table lists the surrogates recovered outside of control limits and the resulting actions.

Sample	DCB1	DCB2	TCMX1	TCMX2	Validation actions
Soil Limits	25-159	25-159	24-154	24-154	
PFH-SS-05	191%	-	-	-	Validation action was not required as the surrogate was within limits on the alternate column.

- Criteria met

### Pesticides

The following table lists the surrogates recovered outside of control limits and the resulting actions.

Sample	DCB1	DCB2	TCMX1	TCMX2	Validation actions
Soil Limits	25-159	25-159	24-154	24-154	
PFH-SS-01	-	173%	-	310%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-03	-	203%	-	-	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-03 RE	-	220%	-	179%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-04	-	-	-	265%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-04 RE	-	180%	-	483%	Validation action was not required as the surrogate was within limits on the alternate column.
PFH-SS-05 RE	-	169%	-	166%	Validation action was not required as the surrogate was within limits on the alternate column.

- Criteria met

## MS/MSD Results

### Pesticides

An MS/MSD was performed on sample PFH-SS-01. The recovery for dieldrin (70%) was below the control limits in the MS. The positive result for dieldrin in sample PFH-SS-01 was estimated (J).

### PCB

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.

### LCS Results

#### Pesticide

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
Aldrin	12	20-171	PFH-SS-02, PFH-SS-03, PFH-SS-04, PFH-SS-05, PFH-SS-06	Validation actions were not required. As the LCS recoveries were acceptable in the re-extraction, the re-extraction results were reported for these samples.
Alpha-BHC	10	20-139		
Endrin aldehyde	18	20-132		
Gamma-BHC	20	40-144		
Heptachlor	1	25-157		
Alpha-chlordane	56	60-134		

### PCB

All criteria were met in the PCB analyses.

### Field Duplicate Results

A field duplicate pair was not associated with this sample group.

### Moisture Content

All criteria were met.

### Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide and PCB analyses. These results were qualified as estimated (J) by the laboratory.

**Sample Quantitation and Compound Identification****Pesticide and PCBs**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-SS-01	Alpha-BHC	180.0	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Aldrin	142.6	
	Endosulfan II	140.6	
	4,4'-DDD	144.5	
	Endosulfan sulfate	122.5	
	4,4'-DDT	61.8	
PFH-SS-01	Methoxychlor	26.6	Estimate (J) the positive results for methoxychlor and Aroclor 1254.
	Aroclor 1254	63.8	
PFH-SS-01	Beta-BHC	82.0	Estimate (JN) the results for beta-BHC, delta-BHC, heptachlor, alpha-chlordane, and 4,4'-DDE as presumptively present.
	Delta-BHC	95.3	
	Heptachlor	171.5	
	Alpha-chlordane	155.2	
	4,4'-DDE	173.9	
PFH-SS-02 RE	Heptachlor epoxide	92.7	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Gamma-chlordane	199.4	
	Alpha-chlordane	105.4	
PFH-SS-03	Aroclor 1254	85.4	Estimate (J) the positive result for Aroclor 1254.
PFH-SS-03 RE	Alpha-BHC	131.5	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Beta-BHC	139.3	
	Delta-BHC	72.1	
	Gamma-BHC	141.6	
	4,4'-DDE	131.2	
	Endosulfan II	76.3	
	Methoxychlor	126.5	
PFH-SS-03 RE	Dieldrin	38.8	Estimate (J) the positive result for dieldrin.
PFH-SS-03RE	Gamma-chlordane	193.9	Estimate (JN) the results for gamma-chlordane and alpha-chlordane as presumptively present.
	Alpha-chlordane	77.4	
PFH-SS-04	Aroclor 1254	91.4	Estimate (J) the positive result for Aroclor 1254.

Sample	Compound	RPD (%)	Actions
PFH-SS-04 RE	Beta-BHC	122.0	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Delta-BHC	88.8	
	Dieldrin	65.9	
	4,4'-DDD	134.9	
PFH-SS-04 RE	Alpha-chlordane	30.3	Estimate (J) the positive results for alpha-chlordane and 4,4'-DDE.
	4,4'-DDE	35.3	
PFH-SS-04 RE	Gamma-chlordane	187.6	Estimate (JN) the result for gamma-chlordane as presumptively present.
PFH-SS-05	Aroclor 1254	119.6	Estimate (J) the positive result for Aroclor 1254.
PFH-SS-05 RE	Beta-BHC	164.9	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Delta-BHC	146.6	
	Heptachlor	93.4	
	Heptachlor epoxide	161.3	
	Dieldrin	96.5	
	4,4'-DDD	142.8	
	4,4'-DDT	124.7	
	Endrin ketone	153.6	
PFH-SS-05 RE	Alpha-chlordane	46.6	Estimate (J) the positive results for alpha-chlordane and 4,4'-DDE.
	4,4'-DDE	38.1	
PFH-SS-05 RE	Gamma-chlordane	177.3	Estimate (JN) the result for gamma-chlordane as presumptively present.
PFH-SS-06 RE	Delta-BHC	142.1	Results were less than the reporting limit; qualify the results as nondetect at the reporting limit.
	Gamma-chlordane	199.4	

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

**Site:** Keyspan-Pinelawn/Farmingdale  
**Laboratory:** Test America, CT  
**Report No.:** 220-3621-1  
**Reviewer:** Lisa McDonagh/GEI Consultants  
**Date:** March 26, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-01(0.5-1)	220-3621-1	VOC, SVOC, HERB
PFH-GP-01(25-27)	220-3621-2	VOC, SVOC, HERB
PFH-GP-05(0.75-1.75)	220-3621-3	VOC, SVOC, HERB
PFH-GP-05(25-26.5)	220-3621-4	VOC, SVOC, HERB
PFH-GP-02(1-1.25)	220-3621-5	VOC, SVOC, HERB
PFH-GP-02(23.5-25)	220-3621-6	VOC, SVOC, HERB
PFH-GP-03(2-2.25)	220-3621-7	VOC, SVOC, HERB
PFH-TB-121107	220-3621-8	VOC

Associated QC Samples(s): Field Blanks: PFH-TB-121107  
 Field Duplicate pair: None Associated

The above-listed soil samples were collected on December 10 and 11, 2007 and were analyzed for volatile organic compounds (VOCs) by SW-846 method 8260B, semivolatile organic compounds (SVOCs) by SW-846 method 8270C and herbicide organic compounds (HERBs) by SW-846 method 8151A. The data validation based on the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, January 2005 and the USEPA Region II Standard Operating Procedure (SOP) for the Validation of Organic Data acquired using SW-846 8260B, 8270C and 8151A, modified to accommodate the SW-846 methodologies.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Internal Standards
- NA • Field Duplicate Results
- Quantitation Limits and Data Assessment
- \* • Sample Quantitation and Compound Identification



\* - All criteria were met.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error.

Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select VOC and SVOC results, which were below the lowest calibration standard. These results were qualified as estimated (J). These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.
- The nondetect VOC results for acetone in samples PFH-GP-01(0.5-1), PFH-GP-01(25-27), PFH-GP-05(0.75-1.75), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) were qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated quantitation limits, which may have a minor impact on the data usability.
- The positive VOC results for acetone and methylene chloride in samples PFH-GP-01(0.5-1), PFH-GP-01(25-27), PFH-GP-05(0.75-1.75), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) and tetrachloroethene in samples PFH-GP-01(0.5-1), PFH-GP-01(25-27), PFH-GP-05(0.75-1.75) were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.
- The positive SVOC results for bis(2-ethylhexyl)phthalate in samples PFH-GP-01(0.5-1), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYASP category B deliverables for the VOC, SVOC and HERB analyses.

### **Holding Times and Sample Preservation**

All holding time and sample preservation criteria were met in the VOC, SVOC and HERB analyses.

### **GC/MS Tunes**

All criteria were met in the VOC and SVOC analyses.

### **Initial and Continuing Calibrations**

#### **VOC**

Compounds that did not meet criteria in the VOC calibrations are summarized in the following tables.

<b>Instrument ID MSL Compound</b>	<b>IC 11/23/07</b>	<b>CC 12/13/07</b>
Bromomethane	X(42.7%)	
Samples Affected	All samples listed.	PFH-TB-121107

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

Qualifications were not required.

<b>Instrument ID MSN Compound</b>	<b>IC 12/11/07</b>	<b>CC 12/18/07</b>
Acetone		XX(51.6%)
Samples Affected		PFH-GP-01(0.5-1) PFH-GP-01(25-27) PFH-GP-05(0.75-1.75) PFH-GP-05(25-26.5) PFH-GP-02(1-1.25) PFH-GP-02(23.5-25) PFH-GP-03(2-2.25)

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

- X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.
- XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.
- XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.
- + = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The nondetect VOC results for acetone in samples PFH-GP-01(0.5-1), PFH-GP-01(25-27), PFH-GP-05(0.75-1.75), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) were qualified as estimated (UJ) due to continuing calibration nonconformances.

SVOC and HERB

All criteria were met in the SVOC and HERB analyses.

Blanks

VOC

Methylene chloride, acetone and tetrachloroethene were detected in the method blank samples. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Acetone	Method Blank	PFH-GP-01(0.5-1)	15 ug/Kg	150 ug/Kg
Methylene chloride		PFH-GP-01(25-27)	2.0 ug/Kg	20 ug/Kg
Tetrachloroethene		PFH-GP-05(0.75-1.75)	1.5 ug/Kg	7.5 ug/Kg
		PFH-GP-05(25-26.5)		
		PFH-GP-02(1-1.25)		
		PFH-GP-02(23.5-25)		
	PFH-GP-03(2-2.25)			

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive VOC results for acetone and methylene chloride in samples PFH-GP-01(0.5-1), PFH-GP-01(25-27), PFH-GP-05(0.75-1.75), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) and tetrachloroethene in samples PFH-GP-01(0.5-1),

PFH-GP-01(25-27), PFH-GP-05(0.75-1.75) were qualified as a nondetect due to method blank contamination.

### SVOC

Bis(2-ethylhexyl)phthalate was detected in the method blank sample. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Bis(2-ethylhexyl)phthalate	Method Blank	PFH-GP-01(0.5-1) PFH-GP-01(25-27) PFH-GP-05(0.75-1.75) PFH-GP-05(25-26.5) PFH-GP-02(1-1.25) PFH-GP-02(23.5-25) PFH-GP-03(2-2.25)	120 ug/Kg	1200 ug/Kg

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive SVOC results for bis(2-ethylhexyl)phthalate in samples PFH-GP-01(0.5-1), PFH-GP-05(25-26.5), PFH-GP-02(1-1.25), PFH-GP-02(23.5-25) and PFH-GP-03(2-2.25) were qualified as a nondetect due to method blank contamination.

### HERB

Target compounds were not detected in the HERB method blank samples.

### Surrogate Recoveries

### VOC, SVOC and HERB

All criteria were met.

### MS/MSD Results

#### VOC and SVOC

Batch MS/MSD analyses submitted with the data package. Qualifications were not made based on batch QC samples.

#### HERB

HERB MS/MSD samples were not submitted with the data package.

### LCS Results

#### VOC

The following table lists the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
Acetone Chloromethane	376 144	10-331 52-137	PFH-GP-01(0.5-1) PFH-GP-01(25-27) PFH-GP-05(0.75-1.75) PFH-GP-05(25-26.5) PFH-GP-02(1-1.25) PFH-GP-02(23.5-25) PFH-GP-03(2-2.25)	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.

#### SVOC

The following tables list the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
2,4-dinitrophenol	62	0-36	All samples 220-3621-1.	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.

HERB

All criteria were met.

**Internal Standards**

VOC and SVOC

All criteria were met.

**Field Duplicate Results**

Field duplicate samples were not submitted with the data package.

**Quantitation Limits and Data Assessment**

VOC, SVOC and HERB

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC and SVOC analyses. These results were qualified as estimated (J) due to uncertainty at the low end of the calibration.

All VOC, SVOC and HERB samples were analyzed at a 1:1 dilution.

**Sample Quantitation and Compound Identification**

VOC, SVOC and HERB

Calculations were spot-checked; no discrepancies were noted in the VOC, SVOC and HERB analyses.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3621  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-01 (0.5-1)	220-3621-1	Metals, Sulfate, Sulfide
PFH-GP-01 (25-27)	220-3621-2	Metals, Sulfate, Sulfide
PFH-GP-05 (0.75-1.75)	220-3621-3	Metals, Sulfate, Sulfide
PFH-GP-05 (25-26.5)	220-3621-4	Metals, Sulfate, Sulfide
PFH-GP-02 (1-1.25)	220-3621-5	Metals, Sulfate, Sulfide
PFH-GP-02 (23.5-25)	220-3621-6	Metals, Sulfate, Sulfide
PFH-GP-03 (2-2.25)	220-3621-7	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307 (reported in 220-3652)  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 10 and 11, 2007 and were analyzed for metals by SW-846 methods 6010B/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
  - Blank Analysis Results
  - Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
  - Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
  - Laboratory Duplicate Results
- NA • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content

- Detection Limits Results
- \* • Sample Quantitation Results
- \* - All criteria were met for this parameter.

NA – A field duplicate pair was not associated with this sample group.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications applied to the data as a result of sampling error are discussed below.

- The positive results for sodium in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25) and sulfate in samples PFH-GP-01 (0.5-1), PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), and PFH-GP-02 (23.5-25) were qualified as nondetect (U) at the reporting limit due to field blank contamination. The results are usable for project objectives as nondetects which may have a minor effect on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- The positive results for mercury in samples PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as nondetect (U) at the reporting limit due to laboratory blank contamination. The results are usable for project objectives as nondetects which may have a minor effect on the data usability.
- The positive and nondetect results for potassium and manganese in all samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- The positive results for chromium and copper in all samples, beryllium in sample PFH-GP-05 (0.75-1.75), and lead in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as estimated (J) due to recoveries in the MS analysis which were above control limits. The results may be biased high. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for barium, iron, magnesium, and manganese in all samples were qualified as estimated (J) due to high relative percent differences (RPDs) in the laboratory duplicate analysis. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as



estimated values and nondetects with estimated quantitation limits which may have a minor effect on the data usability.

- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-GP-03 (2-2.25)
Barium:	All samples
Beryllium:	PFH-GP-05 (0.75-1.75)
Calcium:	PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Chromium:	PFH-GP-01 (25-27), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Cobalt:	PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-03 (2-2.25)
Copper:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Lead:	PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Magnesium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Nickel:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Potassium:	All samples
Vanadium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Zinc:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

## **CRQL Standard Recoveries**

All criteria were met.

## **Blank Results**

Mercury was detected below the quantitation limit in the laboratory blank samples. Analytes which were detected in the project samples at levels less than five times those in the blanks were qualified as nondetect (U). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Mercury	Method	All soil samples	0.017 mg/kg	0.085 mg/kg

### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for mercury in samples PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25) were qualified as nondetect (U) at the reporting limit due to laboratory blank contamination.

Target analytes were detected in the field blank sample PFH-GP-FB-121307, which was reported in case number 220-3652). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-GP-FB-121307	All samples	610 ug/L, 122 mg/kg	610 mg/kg
Sulfate	PFH-GP-FB-121307	All samples	0.27 mg/L, 2.7 mg/kg	13.5 mg/kg

### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for sodium in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25) and sulfate in samples PFH-GP-01 (0.5-1), PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), and PFH-GP-02 (23.5-25) were qualified as nondetect (U) at the reporting limit due to field blank contamination.

**ICP ICS Results**

Thallium (79%) was recovered below the control limits in the ICSAB sample analysis associated with all samples. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, chromium, manganese, and nickel and negative results for thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all soil samples. Sample interferents levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

**MS Results**

The laboratory performed the MS analyses on sample PFH-GP-XX-121207 (reported in case number 220-3652) for ICP metals, sample PFH-GP-04 (2.5-3) (reported in case number 220-3652) for mercury and sulfate, and sample PFH-GP-03 (2-2.5) for sulfide. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Beryllium	PFH-GP-XX-121207	128	Estimate (J) the positive result for beryllium in sample PFH-GP-05 (0.75-1.75).
Chromium Copper	PFH-GP-XX-121207	261 135	Post-spike recoveries were within control limits. Estimate (J) the positive results for chromium and copper in all soil samples.
Potassium Manganese	PFH-GP-XX-121207	74 66	Estimate (J/UJ) the positive and nondetect results for potassium and manganese in all soil samples.
Lead	PFH-GP-XX-121207	170	Estimate (J) the positive results for lead in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), and PFH-GP-03 (2-2.25).

**Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on PFH-GP-XX-121207 (reported in case number 220-3652) for ICP metals, sample PFH-GP-04 (2.5-3) (reported in case number 220-3652) for mercury and sulfate, and sample PFH-GP-03 (2-2.5) for sulfide. The following table lists the analytes which exhibited RPDs outside of the control limits in the duplicate and the resulting validation actions.

Analyte	Duplicate Sample	RPD (%)	Actions
Barium	PFH-GP-XX-121207	135	Estimate (J) the positive results for barium, iron, magnesium, and manganese in all soil samples.
Iron		102	
Magnesium		89	
Manganese		106	

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample group.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analyses on sample PFH-GP-03 (2-2.25).  
All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a "J" qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic: PFH-GP-03 (2-2.25)  
 Barium: All samples  
 Beryllium: PFH-GP-05 (0.75-1.75)  
 Calcium: PFH-GP-01 (25-27), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)  
 Chromium: PFH-GP-01 (25-27), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

Cobalt:	PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), PFH-GP-05 (25-26.5), PFH-GP-02 (1-1.25), PFH-GP-03 (2-2.25)
Copper:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Lead:	PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Magnesium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Nickel:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Potassium:	All samples
Vanadium:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)
Zinc:	PFH-GP-01 (25-27), PFH-GP-05 (25-26.5), PFH-GP-02 (23.5-25), PFH-GP-03 (2-2.25)

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the "J" qualifiers: arsenic in samples PFH-GP-01 (0.5-1), PFH-GP-05 (0.75-1.75), and PFH-GP-02 (1-1.25).

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3621  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-01 (0.5-1)	220-3621-1	Pesticide, PCBs
PFH-GP-01 (25-27)	220-3621-2	Pesticide, PCBs
PFH-GP-05 (0.75-1.75)	220-3621-3	Pesticide, PCBs
PFH-GP-05 (25-26.5)	220-3621-4	Pesticide, PCBs
PFH-GP-02 (1-1.25)	220-3621-5	Pesticide, PCBs
PFH-GP-02 (23.5-25)	220-3621-6	Pesticide, PCBs
PFH-GP-03 (2-2.25)	220-3621-7	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307 (reported in 220-3652)  
Field Duplicate pair: None associated

The above-listed soil samples were collected on December 10 and 11, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- \* • GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- \* • Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- NA • Field Duplicate Results
- Quantitation Limits and Data Assessment

- Sample Quantitation and Compound Identification

\* - All criteria were met.

NA- Not applicable to the methods reviewed and a field duplicate was not associated with this sample group.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive results for gamma-chlordane in samples PFH-GP-05 (0.75-1.25) and PFH-GP-02 (1-1.25) were qualified as nondetect (U) at the reporting limit due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

#### **Holding Times and Sample Preservation**

All criteria were met.

#### **GC/ECD Instrument Performance Checks**

All criteria were met.

#### **Initial and Continuing Calibrations**

##### **Pesticides**

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following table.

Instrument ID HP6890-7 Compound	CC 12/20/07 00:59 CLP	CC 12/20/07 00:59 CLP -pest II
Gamma-BHC	XX (17.8%)	XX (20.2%)
Heptachlor	XX (25.4%)	XX (25.4%)
Dieldrin		XX (15.8%)
Endrin	XX (16.3%)	XX (18.2%)
Endrin aldehyde	XX (17.0%)	
Endosulfan I		XX (15.0%)
Endosulfan II		XX (17.1%)
4,4'-DDD	XX (20.3%)	XX (28.9%)
Endrin ketone		XX (18.9%)
Samples Affected	QC samples	QC samples

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

Validation actions were not required on this basis.

### PCB

All criteria were met.

### Blanks

### PCB

Target compounds were not detected in the pesticide and PCB laboratory method and instrument blanks. Target compounds were not detected in the associated field blank sample PFH-GP-FB-121307, which was reported in case number 220-3652.

### Surrogate Recoveries

All criteria were met.



### **MS/MSD Results**

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.

### **LCS Results**

All criteria were met.

### **Field Duplicate Results**

A field duplicate pair was not associated with this sample group.

### **Moisture Content**

All criteria were met.

### **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

### **Sample Quantitation and Compound Identification**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-GP-05 (0.75-1.25)	Gamma-chlordane	199.3	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-GP-02 (1-1.25)	Gamma-chlordane	190.8	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

recd 3/27

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

**Site:** Keyspan-Pinelawn/Farmingdale  
**Laboratory:** Test America, CT  
**Report No.:** 220-3652-1  
**Reviewer:** Lisa McDonagh/GEI Consultants  
**Date:** March 26, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-03(23.5-25)	220-3652-1	VOC, SVOC, HERB
PFH-GP-04(2.5-3)	220-3652-2	VOC, SVOC, HERB
PFH-GP-04(25-26)	220-3652-3	VOC, SVOC, HERB
PFH-GP-XX-121207	220-3652-4	VOC, SVOC, HERB
PFH-GP-FB-121307	220-3652-5	VOC, SVOC, HERB
PFH-GP-TB-121307	220-3652-6	VOC

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307, PFH-GP-TB-121307  
 Field Duplicate pair: PFH-GP-03(23.5-25)/ PFH-GP-XX-121207

The above-listed soil samples were collected on December 12 and 13, 2007 and were analyzed for volatile organic compounds (VOCs) by SW-846 method 8260B, semivolatile organic compounds (SVOCs) by SW-846 method 8270C and herbicide organic compounds (HERBs) by SW-846 method 8151A. The data validation based on the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, January 2005 and the USEPA Region II Standard Operating Procedure (SOP) for the Validation of Organic Data acquired using SW-846 8260B, 8270C and 8151A, modified to accommodate the SW-846 methodologies.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- \* • Sample Quantitation and Compound Identification
- \* - All criteria were met.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error.

Qualifications applied to the data as a result of analytical error are discussed below.

- The nondetect VOC results for acetone in samples PFH-GP-03(23.5-25), PFH-GP-04(2.5-3), PFH-GP-04(25-26) and PFH-GP-XX-121207 were qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated quantitation limits, which may have a minor impact on the data usability.
- The positive VOC results for acetone and methylene chloride in samples PFH-GP-03(23.5-25), PFH-GP-04(2.5-3), PFH-GP-04(25-26) and PFH-GP-XX-121207 were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.
- The positive SVOC results for bis(2-ethylhexyl)phthalate in sample PFH-GP-04(2.5-3) was qualified as a nondetect due to method blank contamination. The result is still usable for project objectives as nondetect. The qualification may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYASP category B deliverables for the VOC, SVOC and HERB analyses.

#### **Holding Times and Sample Preservation**

All holding time and sample preservation criteria were met in the VOC, SVOC and HERB analyses.

#### **GC/MS Tunes**

All criteria were met in the VOC and SVOC analyses.

## Initial and Continuing Calibrations

### VOC

Compounds that did not meet criteria in the VOC calibrations are summarized in the following tables.

<b>Instrument ID MSL Compound</b>	<b>IC 11/23/07</b>	<b>CC 12/14/07</b>
Bromomethane	X(42.7%)	
Samples Affected	All samples listed.	PFH-GP-FB-121307 PFH-GP-TB-121307

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

Qualifications were not required.

<b>Instrument ID MSN Compound</b>	<b>IC 12/11/07</b>	<b>CC 12/19/07</b>
Acetone		XX(40.6%)
Samples Affected	All samples listed.	PFH-GP-03(23.5-25) PFH-GP-04(2.5-3) PFH-GP-04(25-26) PFH-GP-XX-121207

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The nondetect VOC results for acetone in samples PFH-GP-03(23.5-25), PFH-GP-04(2.5-3), PFH-GP-04(25-26) and PFH-GP-XX-121207 were qualified as estimated (UJ) due to continuing calibration nonconformances.

### SVOC and HERB

All criteria were met in the SVOC and HERB analyses.

### Blanks

#### VOC

Methylene chloride and acetone were detected in the method blank samples. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Acetone	Method Blank	PFH-GP-03(23.5-25)	20 ug/Kg	200 ug/Kg
		PFH-GP-04(2.5-3)		
Methylene chloride		PFH-GP-04(25-26)	2.3 ug/Kg	23 ug/Kg
		PFH-GP-XX-121207		

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive VOC results for acetone and methylene chloride in samples PFH-GP-03(23.5-25), PFH-GP-04(2.5-3), PFH-GP-04(25-26) and PFH-GP-XX-121207 were qualified as a nondetect due to method blank contamination.

### SVOC

Bis(2-ethylhexyl)phthalate was detected in the method blank sample. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

Bis(2-ethylhexyl)phthalate	Method Blank	PFH-GP-03(23.5-25) PFH-GP-04(2.5-3) PFH-GP-04(25-26) PFH-GP-XX-121207	120 ug/Kg	1200 ug/Kg
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Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive SVOC results for bis(2-ethylhexyl)phthalate in sample PFH-GP-04(2.5-3) was qualified as a nondetect due to method blank contamination.

HERB

Target compounds were not detected in the HERB method blank samples.

Surrogate Recoveries

VOC, SVOC and HERB

All criteria were met.

MS/MSD Results

VOC and SVOC

Batch MS/MSD analyses submitted with the data package. Qualifications were not made based on batch QC samples.

HERB

HERB MS/MSD samples were not submitted with the data package.

LCS Results

VOC

All criteria were met in the VOC analyses.

### SVOC

The following tables list the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
2,4-dinitrophenol	62	0-36	All samples 220-3652-1.	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.

### HERB

All criteria were met.

### Internal Standards

#### VOC and SVOC

All criteria were met.

### Field Duplicate Results

Samples PFH-GP-03(23.5-25) and PFH-GP-XX-121207 were submitted as the field duplicate pair with this sample group.

### VOC

The following table summarizes the VOC RPDs of detected analytes, all of which met criteria.

Analyte	PFH-GP-03(23.5-25) ug/Kg	PFH-GP-XX-121207 ug/Kg	RPD (%)
Acetone	20	20	0
Methylene chloride	4.4	4.1	7

NC-Not calculable

For soil results >5xQL and RPDs>50; estimate (J) results in the field duplicate pair.

For soil results <5xQL; the sample and duplicate results must be within 2xQL.

SVOC and HERB

All compound results were nondetect for the SVOC and HERB field duplicate analyses. Qualifications were not required.

**Quantitation Limits and Data Assessment**

VOC, SVOC and HERB

All VOC, SVOC and HERB samples were analyzed at a 1:1 dilution.

**Sample Quantitation and Compound Identification**

VOC, SVOC and HERB

Calculations were spot-checked; no discrepancies were noted in the VOC, SVOC and HERB analyses.



**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3652  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-03 (23.5-25)	220-3652-1	Metals, Sulfate, Sulfide
PFH-GP-04 (2.5-3)	220-3652-2	Metals, Sulfate, Sulfide
PFH-GP-04 (25-26)	220-3652-3	Metals, Sulfate, Sulfide
PFH-GP-XX-121207	220-3652-4	Metals, Sulfate, Sulfide
PFH-FB-121307	220-3652-5	Metals, Sulfate, Sulfide
Associated QC Samples(s):		
Field Blanks:		PFH-GP-FB-121307
Field Duplicate pair:		PFH-GP-03 (23.5-25)/PFH-GP-XX-121207

The above-listed soil samples and field blank sample were collected on December 12 and 13, 2007 and were analyzed for metals by SW-846 methods 6010B/7470A/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- \* • Contract Required Quantitation Limit (CRQL) Standard Recoveries
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results
- \* • Sample Quantitation Results

- \* - All criteria were met for this parameter.

### **Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications applied to the data as a result of sampling error are discussed below.

- The positive results for iron and manganese in samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were qualified as estimated (J) due to high relative percent differences (RPDs) in the evaluation of the field duplicate pair. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for sodium in samples PFH-GP-03 (23.5-25) and PFH-GP-04 (2.5-3) and sulfate in samples PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-04 (25-26), and PFH-GP-XX-121207 were qualified as nondetect (U) at the reporting limit or reported value due to field blank contamination. The results are usable for project objectives as nondetects or nondetects with elevated quantitation limits which may have a minor effect on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- The positive and nondetect results for potassium and manganese in all soil samples were qualified as estimated (J/UJ) due to recoveries in the MS analyses which were below control limits. The results may be biased low. These results are usable for project objectives as estimated values and quantitation limits which may have a minor effect on the data usability.
- The positive results for chromium and copper in all soil samples and lead in sample PFH-GP-04 (2.5-3) were qualified as estimated (J) due to recoveries in the MS analysis which were above control limits. The results may be biased high. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- The positive results for barium, iron, magnesium, and manganese in all soil samples were qualified as estimated (J) due to high relative percent differences (RPDs) in the laboratory duplicate analysis. The direction of the bias cannot be determined from this nonconformance. These results are usable for project objectives as estimated values which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Arsenic:	PFH-GP-XX-121207
Barium:	All soil samples
Calcium:	All soil samples
Chromium:	PFH-GP-03 (23.5-25), PFH-GP-04 (25-26), PFH-GP-XX-121207
Cobalt:	PFH-GP-04 (2.5-3)
Copper:	All soil samples
Magnesium:	All soil samples
Nickel:	All soil samples
Potassium:	All soil samples
Sodium:	PFH-FB-121207
Vanadium:	All soil samples
Zinc:	PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-XX-121207
Sulfate:	PFH-FB-121207

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

#### **Holding Times and Sample Preservation**

All criteria were met.

#### **Instrument Calibration**

All recovery criteria were met

#### **CRQL Standard Recoveries**

All criteria were met.

#### **Blank Results**

Target analytes were not detected in the laboratory blank samples.

Target analytes were detected in the field blank sample PFH-GP-FB-121307. The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-GP-FB-121307	All samples	610 ug/L, 122 mg/kg	610 mg/kg
Sulfate	PFH-GP-FB-121307	All samples	0.27 mg/L, 2.7 mg/kg	13.5 mg/kg

#### Blank Actions

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is ≥ QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination ≥ 2 MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive results for sodium in samples PFH-GP-03 (23.5-25) and PFH-GP-04 (2.5-3) and sulfate in samples PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-04 (25-26), and PFH-GP-XX-121207 were qualified as nondetect (U) at the reporting limit or reported values due to field blank contamination.

#### ICP ICS Results

Thallium (79%) was recovered below the control limits in the ICSAB sample analysis associated with all soil samples. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, manganese, and nickel and negative results for thallium and vanadium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with the field blank sample. Positive results for cadmium, chromium, manganese, and nickel and negative results for thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with all soil samples. Sample interferents levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

#### MS Results

The laboratory performed the MS analyses on sample PFH-GP-XX-121207 for ICP metals, sample PFH-GP-04 (2.5-3) for mercury and sulfate, and sample PFH-GP-03 (2.2-2.25) (reported in case number 220-3621) for sulfide. The following table lists the analytes which exhibited recoveries outside of the control limits of 75 - 125% in the soil MS and the resulting validation actions.

Analyte	MS Sample	Recovery (%)	Actions
Beryllium	PFH-GP-XX-121207	128	Validation action was not required as all results for beryllium were nondetect and therefore not affected by the potential high bias.
Chromium Copper	PFH-GP-XX-121207	261 135	Post-spike recoveries were within control limits. Estimate (J) the positive results for chromium and copper in all soil samples.

Analyte	MS Sample	Recovery (%)	Actions
Potassium Manganese	PFH-GP-XX-121207	74 66	Estimate (J/UJ) the positive and nondetect results for potassium and manganese in all soil samples.
Lead	PFH-GP-XX-121207	170	Estimate (J) the positive result for lead in sample PFH-GP-04 (2.5-3).

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on PFH-GP-XX-121207 for ICP metals, sample PFH-GP-04 (2.5-3) for mercury and sulfate, and sample PFH-GP-03 (2-2.25) (reported in case number 220-3621) for sulfide. The following table lists the analytes which exhibited RPDs outside of the control limits in the soil duplicate and the resulting validation actions.

Analyte	Duplicate Sample	RPD (%)	Actions
Barium	PFH-GP-XX-121207	135	Estimate (J) the positive results for barium, iron, magnesium, and manganese in all soil samples.
Iron		102	
Magnesium		89	
Manganese		106	

### **Field Duplicate Results**

Samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were submitted as the field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analytes, all of which were acceptable with the exception of iron and manganese. The positive results for iron and manganese in samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were estimated (J).

Analyte	PFH-GP-03 (23.5-25) (mg/kg)	PFH-GP-XX-121207 (mg/kg)	RPD (%)
Aluminum	629	522	18.6
Arsenic	9.1 U	2.1	NC, Within 2xQL
Barium	1.9	2.5	27.3
Calcium	99.5	22.5	126.3, Within 2xQL
Chromium	1.3	2.4	59.5, Within 2xQL
Copper	0.86	0.80	7.2
Iron	1130	4070	113.1
Magnesium	75.5	58.4	25.5

Analyte	PFH-GP-03 (23.5-25) (mg/kg)	PFH-GP-XX-121207 (mg/kg)	RPD (%)
Manganese	18.5	42.6	78.9
Nickel	0.84	0.90	6.9
Potassium	48.8	47.3	3.1
Sodium	41.6	249 U	NC, Within 2xQL
Vanadium	1.4	3.8	92.3, Within 2xQL
Zinc	4.9	7.5	41.9
Sulfate	6.8	6.3	7.6

For soil results > 5xQL and RPDs >50; estimate (J) results in the field duplicate pair.  
For soil results < 5xQL; the sample and duplicate results must be within 2xQL.

### **LCS Results**

All criteria were met.

### **Serial Dilution Results**

The laboratory performed the serial dilution analyses on soil sample PFH-GP-XX-121207. All criteria were met.

### **Moisture Content**

All criteria were met.

### **Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a "J" qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Arsenic: PFH-GP-XX-121207  
Barium: All soil samples  
Calcium: All soil samples  
Chromium: PFH-GP-03 (23.5-25), PFH-GP-04 (25-26), PFH-GP-XX-121207

Cobalt:	PFH-GP-04 (2.5-3)
Copper:	All soil samples
Magnesium:	All soil samples
Nickel:	All soil samples
Potassium:	All soil samples
Sodium:	PFH-FB-121207
Vanadium:	All soil samples
Zinc:	PFH-GP-03 (23.5-25), PFH-GP-04 (2.5-3), PFH-GP-XX-121207
Sulfate:	PFH-FB-121207

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the "J" qualifiers: lead in sample PFH-GP-04 (2.5-3).

#### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3652  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-GP-03 (23.5-25)	220-3652-1	Pesticide, PCBs
PFH-GP-04 (2.5-3)	220-3652-2	Pesticide, PCBs
PFH-GP-04 (25-26)	220-3652-3	Pesticide, PCBs
PFH-GP-XX-121207	220-3652-4	Pesticide, PCBs
PFH-GP-FB-121307	220-3652-5	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-GP-FB-121307  
Field Duplicate pair: PFH-GP-03 (23.5-25)/PFH-GP-XX-121207

The above-listed soil samples and field blank sample were collected on December 12 and 13, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- \* • GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- \* • Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Compound Identification



\* - All criteria were met.

NA- Not applicable to the methods reviewed.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for endrin aldehyde, gamma-BHC, heptachlor, endosulfan I, dieldrin, endrin, endosulfan II, 4,4'-DDD, and endrin ketone in all soil samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive result for gamma-chlordane in sample PFH-GP-04 (2.5-3) was qualified as nondetect (U) at the reporting limit due to the high dual column relative percent difference (%RPD). The result can be used for project objectives as a nondetect which may have a minor impact on the data usability.
- The positive result for gamma-chlordane in sample PFH-GP-03 (23.5-25) was qualified as estimated (J) due to the high dual column relative percent difference (%RPD). The direction of the bias cannot be determined. The result can be used for project objectives as an estimated value which may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

#### **Holding Times and Sample Preservation**

All criteria were met.

## GC/ECD Instrument Performance Checks

All criteria were met.

## Initial and Continuing Calibrations

### Pesticides

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following tables.

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 12/20/07 00:59 CLP</b>	<b>CC 12/20/07 00:59 CLP -pest II</b>
Gamma-BHC	XX (17.8%)	XX (20.2%)
Heptachlor	XX (25.4%)	XX (25.4%)
Dieldrin		XX (15.8%)
Endrin	XX (16.3%)	XX (18.2%)
Endrin aldehyde	XX (17.0%)	
Endosulfan I		XX (15.0%)
Endosulfan II		XX (17.1%)
4,4'-DDD	XX (20.3%)	XX (28.9%)
Endrin ketone		XX (18.9%)
Samples Affected	All soil samples	All soil samples

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 12/18/07 09:11 CLP</b>	<b>CC 12/18/07 09:11 CLP -pest II</b>
4,4'-DDD	XX (23.4%)	XX (26.6%)
Endrin aldehyde		XX (24.6%)
Endrin ketone		XX (18.8%)
Methoxychlor		XX (27.8%)
Samples Affected	QC samples only	QC samples only

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UI) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The positive and nondetect results for endrin aldehyde, gamma-BHC, heptachlor, endosulfan I, dieldrin, endrin, endosulfan II, 4,4'-DDD, and endrin ketone in all soil samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances.

### PCB

All criteria were met.

### Blanks

#### PCB

Target compounds were not detected in the PCB laboratory method and instrument blanks. Target compounds were not detected in the PCB field blank samples.

#### Pesticide

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Aldrin	01/03/08 21:39 CLP-pest II	0.0066	PFH-GP-FB-121307	Validation actions were not required.

### Surrogate Recoveries

All criteria were met.

### MS/MSD Results

MS/MSDs were not associated with this sample set. Validation action was not required on this basis.

## **LCS Results**

### **Pesticide**

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
4,4'-DDT	115	71-111	PFH-GP-FB-121307	Validation actions were not required as the affected compound results were nondetect in the associated samples and therefore not affected by the potential high bias.
Endrin aldehyde	95	20-92		
Endrin ketone	172	58-151		

### **PCB**

All criteria were met in the PCB analyses.

### **Moisture Content**

All criteria were met.

### **Field Duplicate Results**

Samples PFH-GP-03 (23.5-25) and PFH-GP-XX-121207 were submitted as the field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analyte, which was acceptable.

Compound	PFH-GP-03 (23.5-25) (ug/kg)	PFH-GP-XX-121207 (ug/kg)	RPD (%)
Gamma-chlordane	0.11	1.8 U	NC, Within 2xQL

NC – Not calculable

For soil results > 5xQL and RPDs >50; estimate (J) results in the field duplicate pair.

For soil results < 5xQL; the sample and duplicate results must be within 2xQL.

### **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

### **Sample Quantitation and Compound Identification**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-GP-04 (2.5-3)	Gamma-chlordane	64.2	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-GP-03 (23.5-25)	Gamma-chlordane	48.1	Estimate (J) the positive result for gamma-chlordane.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

**Site:** Keyspan-Pinelawn/Farmingdale  
**Laboratory:** Test America, CT  
**Report No.:** 220-3708-1  
**Reviewer:** Lisa McDonagh/GEI Consultants  
**Date:** March 26, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-MW-05	220-3708-1	VOC, SVOC, HERB
PFH-MW-02	220-3708-2	VOC, SVOC, HERB
PFH-MW-04	220-3708-3	VOC, SVOC, HERB
PFH-MW-01	220-3708-4	VOC, SVOC, HERB
PFH-MW-03	220-3708-5	VOC, SVOC, HERB
PFH-TB-121707	220-3708-6	VOC
PFH-Field Blank-121707	220-3708-7	VOC, SVOC, HERB
PFH-MW-XX	220-3708-8	VOC, SVOC, HERB

Associated QC Samples(s): Field Blanks: PFH-TB-121707, PFH-Field Blank-121707  
 Field Duplicate pair: PFH-MW-05/PFH-MW-XX

The above-listed soil samples were collected on December 17, 2007 and were analyzed for volatile organic compounds (VOCs) by SW-846 method 8260B, semivolatile organic compounds (SVOCs) by SW-846 method 8270C and herbicide organic compounds (HERBs) by SW-846 method 8151A. The data validation based on the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, January 2005 and the USEPA Region II Standard Operating Procedure (SOP) for the Validation of Organic Data acquired using SW-846 8260B, 8270C and 8151A, modified to accommodate the SW-846 methodologies.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- \* • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Internal Standards
- \* • Field Duplicate Results
- Quantitation Limits and Data Assessment
- \* • Sample Quantitation and Compound Identification

- \* - All criteria were met.

All results are usable for project objectives.

Qualifications applied to the data as a result of sampling error are discussed below.

- The positive SVOC results for bis(2-ethylhexyl)phthalate in samples PFH-MW-01, PFH-MW-03 and PFH-MW-XX were qualified as nondetect due to field blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select VOC results, which were below the lowest calibration standard. These results were qualified as estimated (J). These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.
- The positive VOC result for acetone in sample PFH-TB-121707 was qualified as estimated (J) due to initial calibration nonconformances. The result can be used for project objectives as an estimated value, which may have a minor impact on the data usability.
- The nondetect VOC results for chloroethane in samples PFH-MW-01 and PFH-Field Blank-121707 were qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated quantitation limits, which may have a minor impact on the data usability.
- The nondetect Herbicide results for 2,4,5-T in all samples 220-3708-1 were qualified as estimated (UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from this nonconformance. The nondetect results can be used for project objectives as estimated quantitation limits. These qualifications may have a minor impact on the data usability.
- The positive VOC results for methylene chloride in samples PFH-MW-05, PFH-MW-02, PFH-MW-04 and PFH-MW-03 were qualified as a nondetect due to method blank contamination. The results are still usable for project objectives as nondetect. These qualifications may have a minor impact on the data usability.
- The positive VOC results were qualified (J) due to LCS recovery, which was above the control limits: methylene chloride in samples PFH-TB-121707 and PFH-MW-XX. The results may be biased high. The positive results can be used for project objectives as estimated values. These qualifications may have a minor impact on the data usability.

The validation findings were based on the following information.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYASP category B deliverables for the VOC, SVOC and HERB analyses.

### **Holding Times and Sample Preservation**

All holding time and sample preservation criteria were met in the VOC, SVOC and HERB analyses.

### **GC/MS Tunes**

All criteria were met in the VOC and SVOC analyses.

### **Initial and Continuing Calibrations**

#### VOC

Compounds that did not meet criteria in the VOC calibrations are summarized in the following tables.

<b>Instrument ID MSL Compound</b>	<b>IC 11/23/07</b>	<b>CC 12/22/07 08:43</b>
Bromomethane	X(42.7%)	
Chloroethane		XX(27.1%)
Samples Affected	All samples listed.	PFH-MW-01 PFH-Field Blank-121707

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The nondetect VOC results for chloroethane in samples PFH-MW-01 and PFH-Field Blank-121707 were qualified as estimated (UJ) due to continuing calibration nonconformances.



Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

<b>Instrument ID MSW Compound</b>	<b>IC 12/15/07</b>	<b>CC 12/23/07 18:30</b>
Acetone	X(43.0%)	
Samples Affected	All samples listed.	PFH-MW-05 PFH-MW-02 PFH-MW-04 PFH-MW-03 PFH-TB-121707 PFH-MW-XX

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The positive VOC result for acetone in sample PFH-TB-121707 was qualified as estimated (J) due to initial calibration nonconformances.

SVOC

All criteria were met in the SVOC analyses.

HERB

Compounds that did not meet criteria in the HERB calibrations are summarized in the following tables.

<b>Instrument ID A2hp1 Compound</b>	<b>CC 12/26/07 15:26 HERB</b>	<b>CC 12/26/07 15:26 HERBR</b>
2,4,5-T		XX(15.3%)
Samples Affected	All samples 220-3708-1.	All samples 220-3708-1.

X = Initial calibration (IC) relative standard deviation (%RSD) > 20; estimate (J) positive and (UJ) blank-qualified nondetect results.

XX = Continuing calibration (CC) percent difference (%D) > 15; estimate (J/UJ) positive and nondetect results.

XXX = The correlation coefficient for the calibration curve < 0.995; estimate (J) positive results only.

The nondetect Herbicide results for 2,4,5-T in all samples 220-3708-1 were qualified as estimated (UJ) due to continuing calibration nonconformances.

## Blanks

### VOC

Acetone, 2-butanone and methylene chloride were detected in the method, trip and field blank samples. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Methylene chloride	Method Blank	PFH-MW-05 PFH-MW-02 PFH-MW-04 PFH-MW-03 PFH-TB-121707 PFH-MW-XX	0.46 ug/L	4.6 ug/L
Acetone	Trip Blank	All samples 220-3708-1.	3.6 ug/L	36 ug/L
2-butanone			1.5 ug/L	15 ug/L
Methylene chloride			1.8 ug/L	18 ug/L

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive VOC results for methylene chloride in samples PFH-MW-05, PFH-MW-02, PFH-MW-04 and PFH-MW-03 were qualified as a nondetect due to method blank contamination.

### SVOC

Bis(2-ethylhexyl)phthalate was detected in the field blank sample. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the AL.

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Bis(2-ethylhexyl)phthalate	Field Blank	All samples 220-3708-1.	17 ug/L	170 ug/L

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive SVOC results for bis(2-ethylhexyl)phthalate in samples PFH-MW-01, PFH-MW-03 and PFH-MW-XX were qualified as nondetect due to field blank contamination.

### HERB

Target compounds were not detected in the HERB method and field blank samples.

### Surrogate Recoveries

#### VOC, SVOC and HERB

All criteria were met in the VOC, SVOC and HERB analyses.

### MS/MSD Results

#### VOC, SVOC and HERB

MS/MSD analyses were performed on sample PFH-MW-01. All criteria were met in the VOC, SVOC and HERB analyses.

### LCS Results

#### VOC

The following table lists the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
Methylene chloride	144	61-129	PFH-MW-05 PFH-MW-02 PFH-MW-04 PFH-MW-03 PFH-TB-121707 PFH-MW-XX	Estimate (J) the positive results for methylene chloride in samples PFH-TB-121707 and PFH-MW-XX.

### SVOC and HERB

All criteria were met in the SVOC and HERB analyses

### Internal Standards

### VOC and SVOC

All criteria were met in the VOC and SVOC analyses.

### Field Duplicate Results

Samples PFH-MW-05 and PFH-MW-XX were submitted as the field duplicate pair with this sample group.

### VOC

The following table summarizes the VOC RPDs of detected analytes, all of which met criteria.

Analyte	PFH-MW-05 ug/Kg	PFH-MW-XX ug/Kg	RPD (%)
Methylene chloride	0.42	0.52	21

NC-Not calculable

For soil results >5xQL and RPDs>50; estimate (J) results in the field duplicate pair.

For soil results <5xQL; the sample and duplicate results must be within 2xQL.

### SVOC

The following table summarizes the SVOC RPDs of detected analytes, all of which met criteria.

Analyte	PFH-MW-05 ug/L	PFH-MW-XX ug/L	RPD (%)
Bis(2-ethylhexyl)phthalate	8.6	10U	15

NC-Not calculable

For soil results >5xQL and RPDs>50; estimate (J) results in the field duplicate pair.

For soil results <5xQL; the sample and duplicate results must be within 2xQL.

### HERB

All compound results were nondetect for the HERB field duplicate analyses. Qualifications were not required.

**Quantitation Limits and Data Assessment**

VOC, SVOC and HERB

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analyses. These results were qualified as estimated (J) due to uncertainty at the low end of the calibration.

All VOC, SVOC and HERB analyses were performed at a 1:1 dilution.

**Sample Quantitation and Compound Identification**

VOC, SVOC and HERB

Calculations were spot-checked; no discrepancies were noted in the VOC, SVOC and HERB analyses.

**Site:** Pinelawn/Farmingdale, New York  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3708  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-MW-05	220-3708-1	Pesticide, PCBs
PFH-MW-02	220-3708-2	Pesticide, PCBs
PFH-MW-04	220-3708-3	Pesticide, PCBs
PFH-MW-01	220-3708-4	Pesticide, PCBs
PFH-MW-03	220-3708-5	Pesticide, PCBs
PFH-Fieldblank-121707	220-3708-7	Pesticide, PCBs
PFH-MW-XX	220-3708-8	Pesticide, PCBs

Associated QC Samples(s): Field Blanks: PFH-Fieldblank-121707  
Field Duplicate pair: PFH-MW-05/PFH-MW-XX

The above-listed aqueous samples and field blank sample were collected on December 17, 2007 and were analyzed for pesticides by SW-846 method 8081A and polychlorinated biphenyls (PCBs) by SW-846 method 8082. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008* (October 1999) and the *USEPA Region II Functional Guidelines for Evaluating Organic Analyses* (March 2001), modified as necessary to accommodate the non-CLP methodology used.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- NA • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Initial and Continuing Calibrations
- Blanks
- \* • Surrogate Recoveries
- \* • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Moisture Content
- NA • Internal Standards
- \* • Field Duplicate Results

- Quantitation Limits and Data Assessment
  - Sample Quantitation and Compound Identification
- \* - All criteria were met.

NA- Not applicable to the methods reviewed.

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select pesticide results which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J). These results can be used for project objectives as estimated values which may have a minor impact on the data usability.
- The positive and nondetect results for heptachlor, endosulfan II, 4,4'-DDD, endrin aldehyde, and endrin ketone in all samples were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits which may have a minor impact on the data usability.
- The positive results for delta-BHC in samples PFH-MW-04 and PFH-MW-05 were qualified as nondetect (U) at the reporting limit due to the high dual column relative percent differences (%RPDs). The results can be used for project objectives as nondetects which may have a minor impact on the data usability.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables for the pesticide and PCB analyses.

#### **Holding Times and Sample Preservation**

All criteria were met.

### **GC/ECD Instrument Performance Checks**

The percent breakdown for endrin (34.5 and 33.5) exceeded the control limit on both columns in the standard analyzed on 01/15/08 (21:40) on instrument HP6890-7, associated with all samples. Validation action was not required on the affected results were nondetect in these samples.

### **Initial and Continuing Calibrations**

#### **Pesticides**

Compounds that did not meet criteria in the pesticide continuing calibrations are summarized in the following table.

<b>Instrument ID HP6890-7 Compound</b>	<b>CC 01/15/08 22:02 CLP</b>	<b>CC 01/15/08 22:02 CLP-pest II</b>
Heptachlor	XX (16.5%)	XX (17.2%)
Endosulfan II	XX (16.8%)	
4,4'-DDD	XX (19.1%)	
Endrin aldehyde	XX (18.0%)	
Endrin ketone	XX (22.6%)	XX (23.2%)
Samples Affected	All samples	All samples

- X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides) ; estimate (J) positive and blank-qualified (UJ) results only.
- XX = Continuing calibration (CC) percent difference (%D) > 25 for GC/MS and >15 for GC; estimate (J/UJ) positive and nondetect results.
- XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

The positive and nondetect results for heptachlor, endosulfan II, 4,4'-DDD, endrin aldehyde, and endrin ketone in all samples were estimated (J/UJ) due to continuing calibration nonconformances.

#### **PCB**

The following table lists the Aroclor peak continuing calibration results which were outside of control limits. No validation actions were required as the Aroclor %D averages for the standards were within control limits.



Compound	Calibration Date	Instrument ID/Column	%D
Aroclor 1260-3	01/11/08 13:51	HP5890-4/CLP-pest II	15.2%
Average Aroclor 1260			9.5%
Aroclor 1016-4	01/11/08 13:51	HP5890-4/CLP-pest II	26.2%
Aroclor 1016-5			19.7%
Average Aroclor 1016			13.5%

### **Blanks**

#### **PCB**

Target compounds were not detected in the PCB laboratory method and instrument blanks. Target compounds were not detected in the PCB field blank samples.

#### **Pesticide**

Target compounds were not detected in the pesticide laboratory method blanks. Target compounds were not detected in the pesticide field blank samples.

Target compounds were detected at low levels in select laboratory instrument blank samples. The following table summarizes the contamination.

Compound	Blank ID	Concentration (ug/L)	Associated Samples	Validation actions
Aldrin	01/03/08 21:39 CLP-pest II	0.0066	QC samples	Validation actions were not required.

### **Surrogate Recoveries**

All criteria were met.

### **MS/MSD Results**

MS/MSDs were performed on sample PFH-MW-01 for pesticides and PCBs. All criteria were met.

## **LCS Results**

### **Pesticide**

The following table lists the compounds recovered outside of control limits in the LCS analyses and the resulting actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation actions
4,4'-DDT	115	71-111	All samples	Validation actions were not required as the affected compound results were nondetect in the associated samples and therefore not affected by the potential high bias.
Endrin aldehyde	95	20-92		
Endrin ketone	172	58-151		

### **PCB**

All criteria were met in the PCB analyses.

## **Field Duplicate Results**

Samples PFH-MW-05 and PFH-MW-XX were submitted as the field duplicate pair with this sample group. All results were nondetect in these samples.

## **Moisture Content**

All criteria were met.

## **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the MDL in the pesticide analyses. These results were qualified as estimated (J) by the laboratory.

## **Sample Quantitation and Compound Identification**

### **Pesticide and PCBs**

Calculations were spot-checked; no discrepancies were noted. The following table lists the dual column RPDs which were outside of control limits and the resulting actions.

Sample	Compound	RPD (%)	Actions
PFH-MW-05	Delta-BHC	70.7	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.
PFH-MW-04	Delta-BHC	117.5	Result was less than the reporting limit; qualify the result as nondetect at the reporting limit.

For PCB %RPD >50%; If pattern is present, estimate (J) the positive result.

For Pesticide %RPDs between 25 and 70%; estimate (J) the positive result.

For Pesticide %RPDs between 70 and 100%; qualify the result as presumptively present (JN).

For pesticide %RPD >50% and the result < QL; raise the value to the QL and qualify as nondetect (U).

For pesticide %RPD > 100% and interference is present; qualify the result as presumptively present (JN).

For pesticide %RPD > 100% and interference is not present; reject (R) result.

**Site:** Pinelawn/Farmingdale, NY  
**Laboratory:** Test America, Shelton, CT  
**Report No.:** 220-3708  
**Reviewer:** Lorie MacKinnon/GEI Consultants  
**Date:** March 7, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-MW-05	220-3708-1	Metals, Sulfate, Sulfide
PFH-MW-02	220-3708-2	Metals, Sulfate, Sulfide
PFH-MW-04	220-3708-3	Metals, Sulfate, Sulfide
PFH-MW-01	220-3708-4	Metals, Sulfate, Sulfide
PFH-MW-03	220-3708-5	Metals, Sulfate, Sulfide
PFH-Fieldblank-121707	220-3708-7	Metals, Sulfate, Sulfide
PFH-MW-XX	220-3708-8	Metals, Sulfate, Sulfide

Associated QC Samples(s): Field Blanks: PFH-Fieldblank-121707  
Field Duplicate pair: PFH-MW-05/PFH-MW-XX

The above-listed aqueous samples and field blank sample were collected on December 17, 2007 and were analyzed for metals by SW-846 methods 6010B/7470A/7471A, sulfate by EPA method 300.0, and sulfide by EPA method 376.1. The data validation was performed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-04/004* (October 2004) and *USEPA Region 2 Standard Operating Procedure for the Evaluation of Metals for the Contract Laboratory Program, SOP HW-2, Revision 13* (September 2005), modified as necessary to accommodate the non-CLP methodologies used.

The inorganic data were evaluated based on the following parameters:

- \* • Overall Evaluation of Data and Potential Usability Issues
- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Instrument Calibration
- Contract Required Quantitation Limit (CRQL) Standard Recoveries
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Results
- \* • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- \* • Laboratory Duplicate Results
- \* • Field Duplicate Results
- \* • Laboratory Control Sample (LCS) Results
- \* • Serial Dilution Results
- \* • Moisture Content
- Detection Limits Results

- \* • Sample Quantitation Results
- \* - All criteria were met for this parameter.

**Overall Evaluation of Data and Potential Usability Issues**

All results are usable for project objectives.

Qualifications were not applied to the data as a result of sampling error. Qualifications applied to the data as a result of analytical error are discussed below.

- The nondetect result for aluminum in sample PFH-MW-01 was qualified as estimated (UJ) due to low recovery in the CRDL analysis. The result may be biased low. The result is usable for project objectives as a nondetect with estimated quantitation limit which may have a minor effect on the data usability.
- The positive result for copper in sample PFH-MW-01 was qualified as nondetect (U) at the reporting limit due to laboratory blank contamination. The result is usable for project objectives as a nondetect which may have a minor effect on the data usability.
- Potential uncertainty exists for the following results which were detected above the method detection limit (MDL) but below the low calibration check standard:

Aluminum:	PFH-MW-05, PFH-MW-02, PFH-MW-XX
Barium:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Chromium:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Cobalt:	PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-MW-XX
Copper:	PFH-MW-04
Magnesium:	PFH-MW-01
Nickel:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Potassium:	PFH-MW-05, PFH-MW-03, PFH-MW-XX
Sodium:	PFH-Fieldblank-121707
Thallium:	PFH-MW-05
Vanadium:	PFH-MW-02
Zinc:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Sulfate:	PFH-Fieldblank-121707

These results were qualified as estimated (J) and can be used for project objectives as estimated values which may have a minor effect on the data usability.

### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

### **Holding Times and Sample Preservation**

All criteria were met.

### **Instrument Calibration**

All recovery criteria were met

### **CRQL Standard Recoveries**

The following table lists the recovery which was outside the control limits in the contract required quantitation limit (CRQL) standards and the resulting validation actions. The affected level range was determined by two times the true value of the CRQL standard analyzed.

Analyte	Recovery	Associated Samples	Validation Actions
Aluminum	68%	All samples	Estimate (UJ) the nondetect result for aluminum in sample PFH-MW-01.

### **Blank Results**

Target analytes were detected below the quantitation limit in the laboratory blank samples. Analytes which were detected in the project samples at levels less than five times those in the blanks were qualified as nondetect (U). The following table summarizes the contamination.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	Method	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-Fieldblank, PFH-MW-XX	570 ug/L	2850 ug/L
Calcium	Instrument	PFH-MW-01	260 ug/L	1300 ug/L
Copper	Instrument	PFH-MW-01	5.4 ug/L	27 ug/L
Nickel	Instrument	PFH-MW-01	15 ug/L	75 ug/L

#### **Blank Actions**

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq 2$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

The positive result for copper in sample PFH-MW-01 was qualified as nondetect (U) at the reporting limit due to laboratory blank contamination.

Target analytes were detected in the field blank sample PFH-Fieldblank-121707. The following table summarizes the contamination. Validation actions were not required on this basis.

Analyte	Blank ID	Associated Samples	Maximum Concentration	Action Level
Sodium	PFH-FB-121707	All samples	380 ug/L	1900 ug/L
Sulfate	PFH-FB-121707	All samples	0.27 mg/L	1.35 mg/L

#### Blank Actions

If the sample result is < QL and < action level; report the result as nondetect (U) at the QL.

If the sample result is  $\geq$  QL and < action level; report the sample result as nondetect (U) at the reported value.

For negative blank contamination  $\geq$  MDL; professional judgement was taken to estimate (J/UJ) those results which were less than the action level.

### **ICP ICS Results**

Calcium (78%), cobalt (78%), and thallium (74%) were recovered below the control limits in the ICSAB sample analysis associated with sample PFH-MW-01. Validation actions were not required as sample interferent levels were less than those of the ICSAB sample.

Positive results for cadmium, manganese, and nickel and negative results for cobalt and thallium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with samples PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-Fieldblank-121707, and PFH-MW-XX. Positive results for cadmium, manganese, and nickel and negative results for thallium and vanadium were detected above the method detection limit (MDL) in the ICSA solution analysis associated with sample PFH-MW-01. Sample interferents levels were reviewed. Validation actions were not required as sample interferent levels were less than those of the ICSA sample.

### **MS Results**

The laboratory performed the MS analyses on sample PFH-MW-01 for metals, sulfate, and sulfide. All criteria were met.

### **Laboratory Duplicate Results**

A laboratory duplicate analysis was performed on sample PFH-MW-01 for metals, sulfate, and sulfide. All criteria were met.

**Field Duplicate Results**

Samples PFH-MW-05 and PFH-MW-XX were submitted as the aqueous field duplicate pair with this sample group. The following table summarizes the RPDs of the detected analytes, all of which were acceptable.

Analyte	PFH-MW-05 (ug/L)	PFH-MW-XX (ug/L)	RPD (%)
Aluminum	150	130	14.3
Barium	38	36	5.4
Calcium	27,200	26,200	3.7
Chromium	9.5	9.5	0
Cobalt	10 U	2.4	NC, Within QL
Iron	680	740	8.5
Magnesium	5400	5300	1.9
Manganese	420	410	2.4
Nickel	10	10	0
Potassium	3900	3700	5.3
Sodium	28,900	28,100	2.8
Thallium	9.1	40 U	NC, Within QL
Zinc	20	22	9.5
Sulfate	15.9	16.3	2.5

For aqueous results > 5xQL and RPDs >30; estimate (J) results in the field duplicate pair.  
For aqueous results < 5xQL; the sample and duplicate results must be within QL.

**LCS Results**

All criteria were met.

**Serial Dilution Results**

The laboratory performed the serial dilution analysis on sample PFH-MW-05. All criteria were met.

**Detection Limits Results**

Positive results which were above the MDL but below the reporting limit were reported by the laboratory with a "J" qualifier. These results were qualified as estimated (J) due to uncertainty at the low end of calibration. However, the low level calibration check standard analyzed was less than the laboratory reporting limit for mercury, aluminum,



arsenic, beryllium, cadmium, chromium, iron, lead, manganese, selenium, silver, thallium, and zinc. The low level calibration check standard analyzed was greater than the laboratory RL for antimony, barium, calcium, cobalt, magnesium, nickel, potassium, sodium, and vanadium. As analysis of the low level standard demonstrates the accuracy at that level, results which were above the method detection limit (MDL) but below the low level calibration check standard were estimated (J) by the validator. The following results were affected:

Aluminum:	PFH-MW-05, PFH-MW-02, PFH-MW-XX
Barium:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Chromium:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Cobalt:	PFH-MW-02, PFH-MW-04, PFH-MW-03, PFH-MW-XX
Copper:	PFH-MW-04
Magnesium:	PFH-MW-01
Nickel:	PFH-MW-05, PFH-MW-02, PFH-MW-03, PFH-MW-XX
Potassium:	PFH-MW-05, PFH-MW-03, PFH-MW-XX
Sodium:	PFH-Fieldblank-121707
Thallium:	PFH-MW-05
Vanadium:	PFH-MW-02
Zinc:	PFH-MW-05, PFH-MW-02, PFH-MW-04, PFH-MW-01, PFH-MW-03, PFH-MW-XX
Sulfate:	PFH-Fieldblank-121707

As the following results reported were greater than the lowest calibration standard or low level calibration check standard, the validator removed the "J" qualifiers: aluminum in sample PFH-MW-04 and iron in sample PFH-MW-01.

### **Sample Quantitation Results**

Calculations were spot-checked; no discrepancies were noted.

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

**Site:** Keyspan-Pinelawn/Farmingdale  
**Laboratory:** Alpha Analytical, MA  
**Report No.:** L0719081  
**Reviewer:** Lisa McDonagh/GEI Consultants  
**Date:** March 26, 2008

**Samples Reviewed and Evaluation Summary**

FIELD ID	LAB ID	FRACTIONS VALIDATED
PFH-SV-04	L0719081-01	Modified TO-15
PFH-SV-03	L0719081-02	Modified TO-15
PFH-SV-01	L0719081-03	Modified TO-15
PFH-SV-05	L0719081-04	Modified TO-15
PFH-SV-02	L0719081-05	Modified TO-15

Associated QC Samples(s): Field Blanks: None associated  
 Field Duplicate pair: None associated  
 Laboratory Duplicate \*\*\*

The above-listed samples were collected on December 18, 2007 and were analyzed for volatile organic compounds (VOCs) by modified EPA Method TO-15. The data validation was performed on the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, January 2005 and the USEPA Region II Standard Operating Procedure (SOP) for the Validation of Organic Data modified as necessary to accommodate the EPA Method TO-15.

The organic data were evaluated based on the following parameters:

- \* • Data Completeness
- \* • Holding Times and Sample Preservation
- \* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- NA • Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- \* • Internal Standards
- \* • Laboratory Duplicate Results
- NA • Field Duplicate Results
- Quantitation Limits and Data Assessment
- \* • Sample Quantitation and Compound Identification
- \* - All criteria were met.

All results are usable for project objectives, with the exception of acetaldehyde in all samples L0719081 due to laboratory control sample deficiencies.

Qualifications were not applied to the data as a result of sampling error.

Qualifications applied to the data as a result of analytical error are discussed below.

- Potential uncertainty exists for select TO-15 results, which were below the lowest calibration standard. These results were qualified as estimated (J). These results can be used for project objectives as estimated values, which may have a minor impact on the data usability.
- The positive and/or nondetect results for 3-chloropropene, heptane, benzothiophene, 2-methylnaphthalene and 1-methylnaphthalene in all samples L0719081 were qualified as estimated (J/UJ) due to continuing calibration nonconformances. The direction of the bias cannot be determined from these nonconformances. The results can be used for project objectives as estimated values and nondetects with estimated quantitation limits, which may have a minor impact on the data usability.
- The positive TO-15 results for freon-113 and methylene chloride in all samples L0719081 were qualified as nondetect due to method blank contamination. The results can be used for project objectives as nondetect with estimated quantitation limits. These qualifications may have a minor impact on the data usability.
- The positive TO-15 results in samples PFH-SV-01 were qualified (J) due to surrogate recovery, which was above the control limits. The positive results can be used for project objectives as estimated values. These qualifications may have a minor impact on the data usability.
- The TO-15 nondetect results were qualified as rejected (R) due to lab control %recoveries were less than 10% recovery: acetaldehyde in all samples L0719081. The results are not usable for project objectives.

The validation findings were based on the following information.

#### **Data Completeness**

The data package was complete as defined under the requirements for the NYSDEC ASP category B deliverables for the TO-15 analyses.

#### **Holding Times and Sample Preservation**

All holding time and sample preservation criteria were met in the TO-15 analyses.

### **GC/MS Tunes**

All criteria were met in the TO-15 analyses.

### **Initial and Continuing Calibrations**

Compounds that did not meet criteria in the TO-15 calibrations are summarized in the following table.

<b>Instrument ID R Compound</b>	<b>IC 12/06/07</b>	<b>CC 01/02/08</b>
3-chloropropene		XX(35.5%)
Acetaldehyde	X(38.2%)	
Heptane		XX(36.8%)
Benzothiophene	X(37.1%)	XX(43.2%)
2-methylnaphthalene	X(36.8%)	XX(31.6%)
1-methylnaphthalene	X(42.8%)	XX(44.4%)
Samples Affected	All samples L0719081.	All samples L0719081.

X = Initial calibration (IC) relative standard deviation (%RSD) > 30 for GC/MS (VOC and SVOC) and >20 for GC (pesticide/PCBs and herbicides); estimate (J) positive and blank-qualified (UJ) results only.

XX = Continuing calibration (CC) percent difference (%D) > 25; estimate (J/UJ) positive and nondetect results.

XXX = Continuing calibration (CC) percent difference (%D) > 90; estimate (J) positive results and reject (R) nondetect results.

+ = Response factor (RRF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

The positive and/or nondetect results for 3-chloropropene, heptane, benzothiophene, 2-methylnaphthalene and 1-methylnaphthalene in all samples L0719081 were qualified as estimated (J/UJ) due to continuing calibration nonconformances.

### **Blanks**

Acetone, freon-113, methylene chloride, trichlorofluoromethane and acetaldehyde were detected in the TO-15 method blank sample. The presence of blank contamination indicates that false positives may exist for this compound in the associated samples. Action Levels (ALs) were established at 10x (for common contaminants) and 5x (for other compounds) the concentrations detected. The following table summarizes the contamination.

Keyspan-Pinelawn/Farmingdale, Project 072710-7-1603

Compound	Type of Blank	Associated Samples	Maximum Concentration	Action Level
Acetone	Method blank	All samples L0719081.	0.139 ppbv	1.39 ppbv
Freon-113			0.147 ppbv	0.735 ppbv
Methylene chloride			0.143 ppbv	1.43 ppbv
Trichlorofluoromethane			0.053 ppbv	0.264 ppbv
Acetaldehyde			0.937 ppbv	4.69 ppbv

Sample results were qualified as follows:

- If sample concentration was < the quantitation limit (QL) and ≤ the Action Level, qualify the result as a nondetect (U) at the QL.
- If sample concentration was > the QL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the QL and > the Action Level, qualification of the data was not required.

The positive TO-15 results for freon-113 and methylene chloride in all samples L0719081 were qualified as nondetect due to method blank contamination.

**Surrogate Recoveries**

The following table summarizes the surrogate recoveries that failed to meet the acceptance criteria in the TO-15 analyses:

Sample ID	Action			
	Tol-d8	BFB	DCE	
PFH-SV-01	136	-	-	Estimate (J) the positive results.
PFH-SV-05	132	-	-	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.
PFH-SV-02	155	147	146	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.

- Within control limits

Tol-d8 – Toluene-d8

BFB – Bromofluorobenzene

DCE – 1,2-Dichloroethane-d4

DBFM - Dibromofluoromethane

### **MS/MSD Results**

MS/MSD samples were not submitted with the data package.

### **LCS Results**

The following table lists the recoveries, which were outside of control limits in the LCS analyses and the resulting validation actions.

Compound	Recovery (%)	Control Limits	Associated Samples	Validation Actions
1,2,4-trichlorobenzene	139	70-130	All samples L0719081.	Validation action was not required as all results were nondetect and therefore not affected by the potential high bias.
Hexachlorobutadiene	139	70-130		
MTBE	141	70-130		
Tertiary butyl alcohol	156	70-130		
Acetaldehyde	0	70-130	All samples L0719081.	Reject (R) the nondetect results.

### **Internal Standards**

All criteria were met in the TO-15 analyses.

### **Laboratory Duplicate Results**

Batch Lab Duplicate samples were submitted with the data package. Qualifications were not required.

### **Field Duplicate Results**

Field duplicate samples were not submitted with the data package.

### **Quantitation Limits and Data Assessment**

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the TO-15 analyses. These results were qualified as estimated (J) by the laboratory.

All samples were analyzed at a 1:1 dilution.

### **Sample Quantitation and Compound Identification**

Calculations were spot-checked; no discrepancies were noted in the TO-15 analyses.

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Date Sampled: 12/17/2007 1030

Client Matrix: Solid

% Moisture: 27.9

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-12036

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-12007

Lab File ID: Z3520.D

Dilution: 2.0

Initial Weight/Volume: 15.12 g

Date Analyzed: 12/19/2007 2109

Final Weight/Volume: 1.0 mL

Date Prepared: 12/19/2007 1244

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		910	U	160	910
Acenaphthylene		910	U	170	910
Anthracene		910	U	150	910
Benzo[a]anthracene		910	U	130	910
Benzo[a]pyrene		910	U	120	910
Benzo[b]fluoranthene		910	U	160	910
Benzo[g,h,i]perylene		910	U	180	910
Benzo[k]fluoranthene		910	U	150	910
Bis(2-chloroethoxy)methane		910	U	150	910
Bis(2-chloroethyl)ether		910	U	450	910
Bis(2-ethylhexyl) phthalate		910	U	120	910
Butyl benzyl phthalate		910	U	130	910
Carbazole		910	U	150	910
Chrysene		910	U	160	910
Di-n-butyl phthalate		910	U	140	910
Di-n-octyl phthalate		910	U	140	910
4-Bromophenyl phenyl ether		910	U	150	910
4-Chloroaniline		910	U	120	910
2-Chloronaphthalene		910	U	160	910
4-Chlorophenyl phenyl ether		910	U	180	910
Dibenz(a,h)anthracene		910	U	140	910
Dibenzofuran		910	U	160	910
Diethyl phthalate		910	U	220	910
Dimethyl phthalate		910	U	160	910
1,2-Dichlorobenzene		910	U	140	910
1,3-Dichlorobenzene		910	U	150	910
1,4-Dichlorobenzene		910	U	140	910
3,3'-Dichlorobenzidine		1800	U	100	1800
2,4-Dinitrotoluene		910	U	140	910
2,6-Dinitrotoluene		910	U	360	910
Fluoranthene		910	U	150	910
Fluorene		910	U	150	910
Hexachlorobenzene		910	U	160	910
Hexachlorobutadiene		910	U	170	910
Hexachlorocyclopentadiene		910	U	130	910
Hexachloroethane		910	U	160	910
Indeno[1,2,3-cd]pyrene		910	U	160	910
Isophorone		910	U	190	910
2-Methylnaphthalene		910	U	170	910
Naphthalene		910	U	140	910
2-Nitroaniline		4400	U	120	4400
3-Nitroaniline		4400	U	130	4400
Nitrobenzene		910	U	170	910
N-Nitrosodi-n-propylamine		910	U	200	910

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Date Sampled: 12/17/2007 1030

Client Matrix: Solid

% Moisture: 27.9

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-12036	Instrument ID: HP 6890/5973 GC/MS
Preparation: 3541	Prep Batch: 220-12007	Lab File ID: Z3520.D
Dilution: 2.0		Initial Weight/Volume: 15.12 g
Date Analyzed: 12/19/2007 2109		Final Weight/Volume: 1.0 mL
Date Prepared: 12/19/2007 1244		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		910	U	160	910
Phenanthrene		910	U	150	910
Pyrene		910	U	130	910
1,2,4-Trichlorobenzene		910	U	140	910
4-Chloro-3-methylphenol		910	U	180	910
2-Chlorophenol		910	U	200	910
2-Methylphenol		910	U	140	910
4-Methylphenol		910	U	140	910
2,4-Dichlorophenol		910	U	190	910
2,4-Dimethylphenol		910	U	120	910
2,4-Dinitrophenol		4400	U	600	4400
4,6-Dinitro-2-methylphenol		4400	U	700	4400
2-Nitrophenol		910	U	200	910
4-Nitrophenol		4400	U	410	4400
Pentachlorophenol		4400	U	64	4400
Phenol		910	U	110	910
2,4,5-Trichlorophenol		4400	U	140	4400
2,4,6-Trichlorophenol		910	U	130	910
Benzyl alcohol		910	U	190	910
4-Nitroaniline		1800	U	140	1800
2,2'-oxybis[1-chloropropane]		910	U	150	910

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	32 - 131
2-Fluorophenol	73	25 - 113
2,4,6-Tribromophenol	70	24 - 150
Nitrobenzene-d5	72	25 - 120
Phenol-d5	72	27 - 122
Terphenyl-d14	50	35 - 140

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Client Matrix: Solid

% Moisture: 27.9

Date Sampled: 12/17/2007 1030

Date Received: 12/18/2007 2020

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-12019	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	1.21 g
Date Analyzed:	12/21/2007 1300		Final Weight/Volume:	250 mL
Date Prepared:	12/19/2007 1422			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.3	U	0.43	4.3
Aluminum		4330		13.2	143
Arsenic		4.3	J	1.9	11.5
Barium		20.1 J		0.32	2.9
Beryllium		2.9	U	0.66	2.9
Calcium		2950		17.8	287
Cadmium		7.2	U	1.3	7.2
Cobalt		1.3	J	0.74	2.9
Chromium		6.4		0.49	4.3
Copper		7.3		0.63	7.2
Iron		9470		14.0	86.0
Potassium		550 J ✓		34.4	287
Magnesium		735 J ✓		8.9	50.1
Manganese		75.9 J ✓		0.95	8.6
Sodium		63.1	J	27.2	287
Nickel		3.4	J	0.63	7.2
Lead		20.6		1.2	7.2
Antimony		14.3	UJ ✓	2.0	14.3
Selenium		2.6	J	2.3	14.3
Thallium		21.5	U	3.2	21.5
Vanadium		8.8 J ✓		0.46	5.7
Zinc		26.8	J ✓	3.2	28.7

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-12221	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12209	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.64 g
Date Analyzed:	12/28/2007 0920		Final Weight/Volume:	50 mL
Date Prepared:	12/27/2007 1942			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.029	J ✓	0.017	0.065

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 2/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Date Sampled: 12/17/2007 1030

Client Matrix: Solid

% Moisture: 27.9

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12269	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12021	Lab File ID:	D7526018.D
Dilution:	1.0		Initial Weight/Volume:	30.0 g
Date Analyzed:	12/28/2007 2243		Final Weight/Volume:	10.0 mL
Date Prepared:	12/19/2007 1400		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.0 4.6 UJ ✓	JM	0.53	4.6
4,4'-DDE		8.1 JN ✓	M	0.60	4.6
4,4'-DDT		2.3 4.6 UJ ✓	J	0.43	4.6
Aldrin		0.89 2.8 U ✓	JM	0.49	2.8
alpha-BHC		4.6 2.4 U ✓	JM	0.38	2.4
beta-BHC		5.9 JN ✓	M	0.37	2.4
delta-BHC		15 JN ✓	M	0.14	2.4
Dieldrin		6.4 J ✓		0.45	4.6
Endosulfan I		2.4	U	0.20	2.4
Endosulfan II		0.68 4.6 U ✓	JM	0.24	4.6
Endosulfan sulfate		4.2 4.6 U ✓	JM	0.24	4.6
Endrin		6.9	U	1.2	6.9
Endrin aldehyde		4.6	U	0.45	4.6
Endrin ketone		4.6	U	0.20	4.6
gamma-BHC (Lindane)		2.4	UJ ✓	0.21	2.4
Heptachlor		2.5 JN ✓	M	0.21	2.4
Heptachlor epoxide		2.4	U	0.16	2.4
Methoxychlor		20 J ✓	JM	2.9	24
Toxaphene		93	U	2.4	93
alpha-Chlordane		2.5 JN ✓	M	0.15	2.4
gamma-Chlordane		2.4	U	0.13	2.4

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	25 - 159
Tetrachloro-m-xylene	107	24 - 154

Method:	8081A	Analysis Batch: 220-12269	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12021	Lab File ID:	D7526018.D
Dilution:	1.0		Initial Weight/Volume:	30.0 g
Date Analyzed:	12/28/2007 2243		Final Weight/Volume:	10.0 mL
Date Prepared:	12/19/2007 1400		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	173	25 - 159
Tetrachloro-m-xylene	310	24 - 154

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1

Client Matrix: Solid

% Moisture: 27.9

Date Sampled: 12/17/2007 1030

Date Received: 12/18/2007 2020

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/20/2007 1151  
Date Prepared: 12/19/2007 1400

Analysis Batch: 220-12106  
Prep Batch: 220-12021

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D4667088.d  
Initial Weight/Volume: 30.0 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		24	U	3.9	24
PCB-1221		46	U	2.1	46
PCB-1232		24	U	2.6	24
PCB-1242		24	U	4.1	24
PCB-1248		24	U	3.7	24
PCB-1254		9.8 J	J-M ✓	1.7	24
PCB-1260		24	U	5.5	24

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	46	24 - 154
DCB Decachlorobiphenyl	47	25 - 159

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/20/2007 1151  
Date Prepared: 12/19/2007 1400

Analysis Batch: 220-12106  
Prep Batch: 220-12021

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C4667088.d  
Initial Weight/Volume: 30.0 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	46	24 - 154
DCB Decachlorobiphenyl	48	25 - 159

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Client Sample ID: PFH-SS-01

GC Semivolatiles

Lot-Sample #...: A7L200305-001 Work Order #...: KEKTX1AC Matrix.....: SO  
Date Sampled...: 12/17/07 10:30 Date Received...: 12/20/07  
Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
Prep Batch #...: 7362038  
Dilution Factor: 1 Initial Wgt/Vol: 50.02 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 27 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	110	ug/kg	49
2,4,5-TP	ND	27	ug/kg	3.0
2,4,5-T	ND VJ ✓	27	ug/kg	4.4
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	49	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

W3/12

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3/9/08

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-01

Lab Name: TAL BURLINGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736228

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 71.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	21.0	21.0	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		71.3	

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3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12139

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6788.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/23/2007 2208

Final Weight/Volume: 5 mL

Date Prepared: 12/23/2007 2208

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	830	83	B ✓	2.7	23
Benzene		5.8	U	0.82	5.8
Bromodichloromethane		5.8	U	0.75	5.8
Bromoform		5.8	U	2.0	5.8
Bromomethane		5.8	UM ✓	1.8	5.8
Methyl Ethyl Ketone		12	U	3.9	12
Carbon disulfide		1.5	J J ✓	0.61	5.8
Carbon tetrachloride		5.8	U	0.82	5.8
Chlorobenzene		5.8	U	1.0	5.8
Chloroethane		5.8	U	1.5	5.8
Chloroform		5.8	U	0.61	5.8
Chloromethane		5.8	U	1.2	5.8
Dibromochloromethane		5.8	U	1.2	5.8
1,1-Dichloroethane		5.8	U	0.75	5.8
1,2-Dichloroethane		5.8	U	1.3	5.8
1,1-Dichloroethene		5.8	U	0.91	5.8
1,2-Dichloropropane		5.8	U	1.1	5.8
cis-1,3-Dichloropropene		5.8	U	0.72	5.8
trans-1,3-Dichloropropene		5.8	U	1.2	5.8
Ethylbenzene		5.8	U	0.82	5.8
2-Hexanone		12	U ✓	3.1	12
Methylene Chloride	230	7.3	J-B ✓	1.6	23
methyl isobutyl ketone		5.8	U	1.1	5.8
Styrene		5.8	U * U J ✓	1.5	5.8
1,1,2,2-Tetrachloroethane		5.8	U	1.2	5.8
Tetrachloroethene		5.8	U	0.86	5.8
Toluene		2.4	J J ✓	0.68	5.8
1,1,1-Trichloroethane		5.8	U	0.85	5.8
1,1,2-Trichloroethane		5.8	U	1.0	5.8
Trichloroethene		5.8	U	1.1	5.8
Vinyl chloride		5.8	U	1.5	5.8
Xylenes, Total		5.8	U	2.8	5.8
cis-1,2-Dichloroethene		5.8	U	1.1	5.8
trans-1,2-Dichloroethene		5.8	U	1.1	5.8

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71	49 - 134
4-Bromofluorobenzene	50	36 - 133
Dibromofluoromethane	72	60 - 130
Toluene-d8 (Surr)	57	51 - 137

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403/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-12285	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch:	220-12220	Lab File ID:	C4251.D
Dilution:	1.0			Initial Weight/Volume:	15.09 g
Date Analyzed:	12/31/2007 2125			Final Weight/Volume:	1.0 mL
Date Prepared:	12/28/2007 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	66	380
Acenaphthylene		380	U	72	380
Anthracene		380	U	61	380
Benzo[a]anthracene		380	U	55	380
Benzo[a]pyrene		380	U	49	380
Benzo[b]fluoranthene		380	U	65	380
Benzo[g,h,i]perylene		380	U	74	380
Benzo[k]fluoranthene		380	U	62	380
Bis(2-chloroethoxy)methane		380	U	61	380
Bis(2-chloroethyl)ether		380	U	190	380
Bis(2-ethylhexyl) phthalate		380	U	49	380
Butyl benzyl phthalate		380	U	53	380
Carbazole		380	U	65	380
Chrysene		380	U	67	380
Di-n-butyl phthalate		380	U	59	380
Di-n-octyl phthalate		380	U	60	380
4-Bromophenyl phenyl ether		380	U	61	380
4-Chloroaniline		380	U	51	380
2-Chloronaphthalene		380	U	66	380
4-Chlorophenyl phenyl ether		380	U	75	380
Dibenz(a,h)anthracene		380	U	58	380
Dibenzofuran		380	U	67	380
Diethyl phthalate		380	U	94	380
Dimethyl phthalate		380	U	67	380
1,2-Dichlorobenzene		380	U	60	380
1,3-Dichlorobenzene		380	U	61	380
1,4-Dichlorobenzene		380	U	59	380
3,3'-Dichlorobenzidine		760	U	42	760
2,4-Dinitrotoluene		380	U	58	380
2,6-Dinitrotoluene		380	U	150	380
Fluoranthene		380	U	63	380
Fluorene		380	U	65	380
Hexachlorobenzene		380	U	65	380
Hexachlorobutadiene		380	U	72	380
Hexachlorocyclopentadiene		380	U	54	380
Hexachloroethane		380	U	66	380
Indeno[1,2,3-cd]pyrene		380	U	67	380
Isophorone		380	U	78	380
2-Methylnaphthalene		380	U	70	380
Naphthalene		380	U	58	380
2-Nitroaniline		1800	U	51	1800
3-Nitroaniline		1800	U	54	1800
Nitrobenzene		380	U	70	380
N-Nitrosodi-n-propylamine		380	U	85	380

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-12285

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-12220

Lab File ID: C4251.D

Dilution: 1.0

Initial Weight/Volume: 15.09 g

Date Analyzed: 12/31/2007 2125

Final Weight/Volume: 1.0 mL

Date Prepared: 12/28/2007 0939

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		380	U	68	380
Phenanthrene		380	U	62	380
Pyrene		380	U	56	380
1,2,4-Trichlorobenzene		380	U	61	380
4-Chloro-3-methylphenol		380	U	76	380
2-Chlorophenol		380	U	82	380
2-Methylphenol		380	U	60	380
4-Methylphenol		380	U	57	380
2,4-Dichlorophenol		380	U	79	380
2,4-Dimethylphenol		380	U	51	380
2,4-Dinitrophenol		1800	U	250	1800
4,6-Dinitro-2-methylphenol		1800	U	290	1800
2-Nitrophenol		380	U	82	380
4-Nitrophenol		1800	U	170	1800
Pentachlorophenol		1800	U	27	1800
Phenol		380	U	45	380
2,4,5-Trichlorophenol		1800	U	58	1800
2,4,6-Trichlorophenol		380	U	55	380
Benzyl alcohol		380	U	79	380
4-Nitroaniline		760	U	57	760
2,2'-oxybis[1-chloropropane]		380	U	61	380

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	90	32 - 131
2-Fluorophenol	81	25 - 113
2,4,6-Tribromophenol	92	24 - 150
Nitrobenzene-d5	86	25 - 120
Phenol-d5	85	27 - 122
Terphenyl-d14	101	35 - 140

ERM  
3/8/08  
JW 3/12



**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2  
Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540  
Date Received: 12/18/2007 2020**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-12019	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	1.38 g
Date Analyzed:	12/21/2007 1323		Final Weight/Volume:	250 mL
Date Prepared:	12/19/2007 1422			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.1	U	0.31	3.1
Aluminum		16700		9.6	105
Arsenic		4.3	J ✓	1.4	8.4
Barium		35.8 J ✓		0.23	2.1
Beryllium		2.1	U	0.48	2.1
Calcium		1050		13.0	210
Cadmium		5.2	U	0.96	5.2
Cobalt		4.4 J ✓		0.55	2.1
Chromium		16.6		0.36	3.1
Copper		5.9		0.46	5.2
Iron		18500		10.3	62.9
Potassium		1130 J ✓		25.2	210
Magnesium		2020 J ✓		6.5	36.7
Manganese		171 J ✓		0.69	6.3
Sodium		44.7	J	19.9	210
Nickel		9.2		0.46	5.2
Lead		9.5		0.88	5.2
Antimony		10.5	U J ✓	1.4	10.5
Selenium		2.2	J	1.7	10.5
Thallium		15.7	U	2.3	15.7
Vanadium		28.0		0.34	4.2
Zinc		24.7		2.3	21.0

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-12221	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12209	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.64 g
Date Analyzed:	12/28/2007 0923		Final Weight/Volume:	50 mL
Date Prepared:	12/27/2007 1942			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.054	U	0.014	0.054

JW 3/14/08

Jan 3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 220-12741

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-12486

Lab File ID: D7538032.D

Dilution: 1.0

Initial Weight/Volume: 30.3 g

Date Analyzed: 01/17/2008 0213

Run Type: RE

Final Weight/Volume: 10 mL

Date Prepared: 01/08/2008 1140

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>3.8</del> R ✓	UH	0.44	3.8
4,4'-DDE		3.8 UJ ✓	UH	0.50	3.8
4,4'-DDT		<del>3.8</del> R ✓	UH	0.35	3.8
Aldrin		2.3 UJ ✓	UH	0.41	2.3
alpha-BHC		1.9 ✓	UH	0.32	1.9
beta-BHC		1.9 ✓	UH	0.31	1.9
delta-BHC		1.9 ✓	UH	0.12	1.9
Dieldrin		3.8 ✓	UH	0.37	3.8
Endosulfan I		1.9 UJ ✓	UH	0.17	1.9
Endosulfan II		<del>3.8</del> R ✓	UH	0.19	3.8
Endosulfan sulfate		3.8 UJ ✓	UH	0.20	3.8
Endrin		5.7 ✓	UH	1.0	5.7
Endrin aldehyde		3.8 ✓	UH	0.37	3.8
Endrin ketone		3.8 ✓	UH	0.17	3.8
gamma-BHC (Lindane)		1.9 ✓	UH	0.17	1.9
Heptachlor		1.9 UJ ✓	UH	0.17	1.9
Heptachlor epoxide		<del>0.20</del> 1.9 UJ ✓	JMH	0.13	1.9
Methoxychlor		<del>19</del> R ✓	UH	2.4	19
Toxaphene		77 UJ ✓	UH	2.0	77
alpha-Chlordane		<del>0.97</del> 1.9 UJ ✓	JMH	0.13	1.9
gamma-Chlordane		0.86 1.9 UJ ✓	JMH	0.10	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	49	25 - 159
Tetrachloro-m-xylene	79	24 - 154

Method: 8081A

Analysis Batch: 220-12741

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-12486

Lab File ID: D7538032.D

Dilution: 1.0

Initial Weight/Volume: 30.3 g

Date Analyzed: 01/17/2008 0213

Run Type: RE

Final Weight/Volume: 10 mL

Date Prepared: 01/08/2008 1140

Injection Volume: 1 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	25 - 159
Tetrachloro-m-xylene	77	24 - 154

20 3/14  
JAM  
3/13/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0400  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12741  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7538037.D  
Initial Weight/Volume: 30.00 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 µL  
Column ID: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>3.8</del> R	<del>U</del>	0.44	3.8
4,4'-DDE		3.8	U*	0.50	3.8
4,4'-DDT		<del>3.8</del> R	<del>U</del>	0.36	3.8
Aldrin		2.3 UJ	U*	0.41	2.3
alpha-BHC		2.0 UJ	M*B	0.32	2.0
beta-BHC		<del>4.5</del> 2.0 UJ	+	0.31	2.0
delta-BHC		2.0	UJ	0.12	2.0
Dieldrin		3.8	UJ	0.37	3.8
Endosulfan I		2.0	UJ	0.17	2.0
Endosulfan II		<del>3.8</del> R	<del>U</del>	0.20	3.8
Endosulfan sulfate		3.8	UJ	0.20	3.8
Endrin		5.8	UJ	1.0	5.8
Endrin aldehyde		3.8 UJ	U*	0.37	3.8
Endrin ketone		3.8	UJ	0.17	3.8
gamma-BHC (Lindane)		3.0 J	+	0.18	2.0
Heptachlor		<del>2.0</del> R	<del>U</del>	0.17	2.0
Heptachlor epoxide		2.0	UJ	0.13	2.0
Methoxychlor		<del>20</del> R	<del>U</del>	2.4	20
Toxaphene		78	UJ	2.0	78
alpha-Chlordane		<del>4.6</del> 2.0 UJ	JM*	0.13	2.0
gamma-Chlordane		<del>4.8</del> 2.0 UJ	+	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	53	25 - 159
DCB Decachlorobiphenyl	92	25 - 159
Tetrachloro-m-xylene	69	24 - 154
Tetrachloro-m-xylene	73	24 - 154

do not  
report

20 3/14

20m  
3/13/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2

Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/31/2007 0013  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12292  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D4669175.d  
Initial Weight/Volume: 30.00 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	3.3	20
PCB-1221		38	U	1.8	38
PCB-1232		20	U	2.2	20
PCB-1242		20	U	3.5	20
PCB-1248		20	U	3.1	20
PCB-1254		20	U	1.4	20
PCB-1260		20	U	4.6	20
Surrogate	%Rec				Acceptance Limits
Tetrachloro-m-xylene	104				24 - 154
DCB Decachlorobiphenyl	131				25 - 159

OK 3/14

Jan 3/2/08

TestAmerica Connecticut

Client Sample ID: PFH-SS-02

GC Semivolatiles

Lot-Sample #....: A7L200305-002 Work Order #....: KEKT41AC Matrix.....: SO  
 Date Sampled....: 12/17/07 15:40 Date Received...: 12/20/07  
 Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
 Prep Batch #....: 7362038  
 Dilution Factor: 1 Initial Wgt/Vol: 50.05 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 23 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	100	ug/kg	47
2,4,5-TP	ND	26	ug/kg	2.9
2,4,5-T	ND UJ ✓	26	ug/kg	4.1
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
2,4-Dichlorophenylacetic acid	100		(19 - 122)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

WJ 3/12  
 EM 3/9/08

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-02

Lab Name: TAL BURLINGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736229

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 86.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	17.6	17.6	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		86.3	

WJH

Jan  
3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12170

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6817.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/24/2007 1321

Final Weight/Volume: 5 mL

Date Prepared: 12/24/2007 1321

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	280	26	JB ✓	3.3	28
Benzene		7.0	U	0.99	7.0
Bromodichloromethane		7.0	U	0.91	7.0
Bromoform		7.0	U	2.4	7.0
Bromomethane		7.0	UM ✓	2.1	7.0
Methyl Ethyl Ketone		14	U	4.7	14
Carbon disulfide		7.0	U	0.74	7.0
Carbon tetrachloride		7.0	U	0.99	7.0
Chlorobenzene		7.0	U	1.2	7.0
Chloroethane		7.0	U	1.8	7.0
Chloroform		7.0	U	0.74	7.0
Chloromethane		7.0	U	1.4	7.0
Dibromochloromethane		7.0	U	1.5	7.0
1,1-Dichloroethane		7.0	U	0.91	7.0
1,2-Dichloroethane		7.0	U	1.5	7.0
1,1-Dichloroethene		7.0	U	1.1	7.0
1,2-Dichloropropane		7.0	U	1.4	7.0
cis-1,3-Dichloropropene		7.0	U	0.86	7.0
trans-1,3-Dichloropropene		7.0	U	1.5	7.0
Ethylbenzene		7.0	U	0.99	7.0
2-Hexanone		14	U	3.7	14
Methylene Chloride	280	7.2	JB ✓	2.0	28
methyl isobutyl ketone		7.0	U	1.3	7.0
Styrene		7.0	U ✓ VJ ✓	1.8	7.0
1,1,2,2-Tetrachloroethane		7.0	U	1.4	7.0
Tetrachloroethene		7.0	U	1.0	7.0
Toluene		1.4	J J ✓	0.82	7.0
1,1,1-Trichloroethane		7.0	U	1.0	7.0
1,1,2-Trichloroethane		7.0	U	1.2	7.0
Trichloroethene		7.0	U	1.4	7.0
Vinyl chloride		7.0	U	1.8	7.0
Xylenes, Total		3.7	J J ✓	3.4	7.0
cis-1,2-Dichloroethene		7.0	U	1.3	7.0
trans-1,2-Dichloroethene		7.0	U	1.3	7.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	67	49 - 134
4-Bromofluorobenzene	51	36 - 133
Dibromofluoromethane	74	60 - 130
Toluene-d8 (Surr)	56	51 - 137

EMM  
3/8/08  
403/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Date Sampled: 12/17/2007 1600

Client Matrix: Solid

% Moisture: 28.2

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-12285	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch:	220-12220	Lab File ID:	C4252.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	12/31/2007 2149			Final Weight/Volume:	1.0 mL
Date Prepared:	12/28/2007 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		460	U	80	460
Acenaphthylene		460	U	87	460
Anthracene		460	U	74	460
Benzo[a]anthracene		160	J J ✓	67	460
Benzo[a]pyrene		130	J J ✓	59	460
Benzo[b]fluoranthene		180	J J ✓	79	460
Benzo[g,h,i]perylene		460	U	90	460
Benzo[k]fluoranthene		460	U M ✓	75	460
Bis(2-chloroethoxy)methane		460	U	74	460
Bis(2-chloroethyl)ether		460	U	230	460
Bis(2-ethylhexyl) phthalate		83	J J ✓	59	460
Butyl benzyl phthalate		460	U	64	460
Carbazole		460	U	78	460
Chrysene		180	J J ✓	81	460
Di-n-butyl phthalate		460	U	71	460
Di-n-octyl phthalate		460	U	73	460
4-Bromophenyl phenyl ether		460	U	74	460
4-Chloroaniline		460	U	61	460
2-Chloronaphthalene		460	U	80	460
4-Chlorophenyl phenyl ether		460	U	90	460
Dibenz(a,h)anthracene		460	U	70	460
Dibenzofuran		460	U	81	460
Diethyl phthalate		460	U	110	460
Dimethyl phthalate		460	U	81	460
1,2-Dichlorobenzene		460	U	73	460
1,3-Dichlorobenzene		460	U	74	460
1,4-Dichlorobenzene		460	U	72	460
3,3'-Dichlorobenzidine		920	U	51	920
2,4-Dinitrotoluene		460	U	70	460
2,6-Dinitrotoluene		460	U	180	460
Fluoranthene		350	J J ✓	76	460
Fluorene		460	U	78	460
Hexachlorobenzene		460	U	79	460
Hexachlorobutadiene		460	U	88	460
Hexachlorocyclopentadiene		460	U	65	460
Hexachloroethane		460	U	80	460
Indeno[1,2,3-cd]pyrene		460	U	81	460
Isophorone		460	U	94	460
2-Methylnaphthalene		460	U	84	460
Naphthalene		460	U	70	460
2-Nitroaniline		2200	U	62	2200
3-Nitroaniline		2200	U	65	2200
Nitrobenzene		460	U	85	460
N-Nitrosodi-n-propylamine		460	U	100	460



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Date Sampled: 12/17/2007 1600

Client Matrix: Solid

% Moisture: 28.2

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-12285	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch:	220-12220	Lab File ID:	C4252.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Date Analyzed:	12/31/2007 2149			Final Weight/Volume:	1.0 mL
Date Prepared:	12/28/2007 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		460	U	83	460
Phenanthrene		270	J J ✓	76	460
Pyrene		270	J J ✓	67	460
1,2,4-Trichlorobenzene		460	U	73	460
4-Chloro-3-methylphenol		460	U	92	460
2-Chlorophenol		460	U	99	460
2-Methylphenol		460	U	73	460
4-Methylphenol		79	J J ✓	69	460
2,4-Dichlorophenol		460	U	95	460
2,4-Dimethylphenol		460	U	62	460
2,4-Dinitrophenol		2200	U ✓	300	2200
4,6-Dinitro-2-methylphenol		2200	U ✓	360	2200
2-Nitrophenol		460	U	99	460
4-Nitrophenol		2200	U	210	2200
Pentachlorophenol		2200	U	32	2200
Phenol		460	U	55	460
2,4,5-Trichlorophenol		2200	U	70	2200
2,4,6-Trichlorophenol		460	U	67	460
Benzyl alcohol		460	U	95	460
4-Nitroaniline		920	U	69	920
2,2'-oxybis[1-chloropropane]		460	U	74	460

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	105	32 - 131
2-Fluorophenol	88	25 - 113
2,4,6-Tribromophenol	104	24 - 150
Nitrobenzene-d5	91	25 - 120
Phenol-d5	95	27 - 122
Terphenyl-d14	102	35 - 140

EMM  
3/8/08 JWC  
3/1/08

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3  
Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600  
Date Received: 12/18/2007 2020**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-12019	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	1.30 g
Date Analyzed:	12/21/2007 1328		Final Weight/Volume:	250 mL
Date Prepared:	12/19/2007 1422			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.0	U	0.40	4.0
Aluminum		6320		12.3	134
Arsenic		7.8	J	1.8	10.7
Barium		27.6 J ✓		0.29	2.7
Beryllium		2.7	U	0.62	2.7
Calcium		4830		16.6	268
Cadmium		6.7	U	1.2	6.7
Cobalt		3.3 J ✓		0.70	2.7
Chromium		15.2		0.46	4.0
Copper		18.5		0.59	6.7
Iron		55400		13.1	80.4
Potassium		785 J ✓		32.1	268
Magnesium		1430 J ✓		8.3	46.9
Manganese		336 J ✓		0.88	8.0
Sodium		52.7	J	25.4	268
Nickel		7.9 J ✓		0.59	6.7
Lead		224		1.1	6.7
Antimony		13.4	U J ✓	1.8	13.4
Selenium		3.9	J ✓	2.2	13.4
Thallium		20.1	U	2.9	20.1
Vanadium		14.3		0.43	5.4
Zinc		72.3		2.9	26.8

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-12221	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12209	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.62 g
Date Analyzed:	12/28/2007 0924		Final Weight/Volume:	50 mL
Date Prepared:	12/27/2007 1942			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.038	J	0.017	0.067

203/14  
Jan  
3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12741	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12344	Lab File ID:	D7538033.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	01/17/2008 0235	Run Type: RE	Final Weight/Volume:	10.0 mL
Date Prepared:	01/03/2008 1309		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>4.6</del> R ✓	UH	0.53	4.6
4,4'-DDE		<del>2.7</del> 4.6 UJ ✓	JMH	0.60	4.6
4,4'-DDT		<del>4.6</del> R ✓	UH	0.43	4.6
Aldrin		2.8 UJ ✓	UH	0.50	2.8
alpha-BHC		<del>0.47</del> 2.4 UJ ✓	JH	0.38	2.4
beta-BHC		1.4 2.4 UJ ✓	JMH	0.37	2.4
delta-BHC		<del>1.4</del> 2.4 UJ ✓	JMH	0.14	2.4
Dieldrin		13 J ✓	MH	0.45	4.6
Endosulfan I		2.4 UJ ✓	UH	0.20	2.4
Endosulfan II		<del>1.3</del> 4.6 UJ ✓	JH	0.24	4.6
Endosulfan sulfate		4.6 UJ ✓	UH	0.24	4.6
Endrin		7.0 J ✓	UH	1.2	7.0
Endrin aldehyde		4.6 J ✓	UH	0.45	4.6
Endrin ketone		4.6 UJ ✓	UH	0.20	4.6
gamma-BHC (Lindane)		<del>0.70</del> 2.4 UJ ✓	JMH	0.21	2.4
Heptachlor		2.4 UJ ✓	UH	0.21	2.4
Heptachlor epoxide		2.4 UJ ✓	UH	0.16	2.4
Methoxychlor		<del>7.7</del> 2.4 UJ ✓	JMH	2.9	24
Toxaphene		93 UJ ✓	UH	2.4	93
alpha-Chlordane		5.7 JN ✓	MH	0.15	2.4
gamma-Chlordane		6.5 JN ✓	MH	0.13	2.4

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	25 - 159
Tetrachloro-m-xylene	179	24 - 154

Method:	8081A	Analysis Batch: 220-12741	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12344	Lab File ID:	D7538033.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	01/17/2008 0235	Run Type: RE	Final Weight/Volume:	10.0 mL
Date Prepared:	01/03/2008 1309		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	220	25 - 159
Tetrachloro-m-xylene	128	24 - 154

JL  
3/14

Jan  
3/1/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0421  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12741  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C7538038.D  
Initial Weight/Volume: 30.00 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		12 JN	M	0.53	4.6
4,4'-DDE		4.0 4.6 U	JM	0.60	4.6
4,4'-DDT		4.6 R	U	0.43	4.6
Aldrin		0.94 2.8 UJ	JM*	0.50	2.8
alpha-BHC		2.6 J	M*	0.38	2.4
beta-BHC		2.2 2.4 UJ	JM*	0.37	2.4
delta-BHC		3.6 J	M	0.14	2.4
Dieldrin		6.5 J	M	0.45	4.6
Endosulfan I		2.4	UJ	0.20	2.4
Endosulfan II		5.8 J	M	0.24	4.6
Endosulfan sulfate		4.6	UJ	0.24	4.6
Endrin		7.0	UJ	1.2	7.0
Endrin aldehyde		4.6 UJ	U*	0.45	4.6
Endrin ketone		4.6	UJ	0.20	4.6
gamma-BHC (Lindane)		4.4 2.4 UJ	JM*	0.21	2.4
Heptachlor		2.4 R	U*	0.21	2.4
Heptachlor epoxide		2.4	UJ	0.16	2.4
Methoxychlor		31 JN	M	2.9	24
Toxaphene		93	UJ	2.4	93
alpha-Chlordane		2.3 2.4 UJ	JM*	0.15	2.4
gamma-Chlordane		4.7 NJ	M	0.13	2.4

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	25 - 159
DCB Decachlorobiphenyl	203	25 - 159
Tetrachloro-m-xylene	76	24 - 154
Tetrachloro-m-xylene	132	24 - 154

donor  
report

10/3/14

12/13/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-03

Lab Sample ID: 220-3706-3

Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600

Date Received: 12/18/2007 2020

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/31/2007 0030  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12292  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D4669176.d  
Initial Weight/Volume: 30.00 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		24	U	3.9	24
PCB-1221		46	U	2.1	46
PCB-1232		24	U	2.6	24
PCB-1242		24	U	4.2	24
PCB-1248		24	U	3.7	24
PCB-1254		64 J✓	M✓	1.7	24
PCB-1260		40	M✓	5.6	24

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	113	24 - 154
DCB Decachlorobiphenyl	126	25 - 159

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/31/2007 0030  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12292  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C4669176.d  
Initial Weight/Volume: 30.00 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	118	24 - 154
DCB Decachlorobiphenyl	114	25 - 159

46314

Jan 3/2/08

TestAmerica Connecticut

Client Sample ID: PFH-SS-03

GC Semivolatiles

Lot-Sample #...: A7L200305-003 Work Order #...: KEKT61AC Matrix.....: SO  
 Date Sampled...: 12/17/07 16:00 Date Received...: 12/20/07  
 Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
 Prep Batch #...: 7362038  
 Dilution Factor: 1 Initial Wgt/Vol: 50.09 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 26 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	110	ug/kg	49
2,4,5-TP	ND	27	ug/kg	3.0
2,4,5-T	ND <i>UT ✓</i>	27	ug/kg	4.3
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	82	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*403/12*  
*EMM*  
*3/4/08*

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-03

Lab Name: TAL BURLINGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736230

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 66.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	22.3	22.3	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		66.8	

OK 1/3/08

dm  
3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4

Date Sampled: 12/17/2007 1630

Client Matrix: Solid

% Moisture: 24.6

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12139

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6790.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/23/2007 2259

Final Weight/Volume: 5 mL

Date Prepared: 12/23/2007 2259

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	270	18	JB VJ	3.1	27
Benzene		6.6	U VJ	0.94	6.6
Bromodichloromethane		6.6	U VJ	0.86	6.6
Bromoform		6.6	U VJ	2.3	6.6
Bromomethane		6.6	UM VJ	2.0	6.6
Methyl Ethyl Ketone		13	U VJ	4.5	13
Carbon disulfide		6.6	U VJ	0.70	6.6
Carbon tetrachloride		6.6	U VJ	0.94	6.6
Chlorobenzene		6.6	U VJ	1.2	6.6
Chloroethane		6.6	U VJ	1.7	6.6
Chloroform		6.6	U VJ	0.70	6.6
Chloromethane		6.6	U VJ	1.3	6.6
Dibromochloromethane		6.6	U VJ	1.4	6.6
1,1-Dichloroethane		6.6	U VJ	0.86	6.6
1,2-Dichloroethane		6.6	U VJ	1.4	6.6
1,1-Dichloroethene		6.6	U VJ	1.0	6.6
1,2-Dichloropropane		6.6	U VJ	1.3	6.6
cis-1,3-Dichloropropene		6.6	U VJ	0.82	6.6
trans-1,3-Dichloropropene		6.6	U VJ	1.4	6.6
Ethylbenzene		6.6	U VJ	0.94	6.6
2-Hexanone		13	U VJ	3.5	13
Methylene Chloride	270	12	JB VJ	1.9	27
methyl isobutyl ketone		6.6	U VJ	1.2	6.6
Styrene		6.6	U VJ	1.7	6.6
1,1,2,2-Tetrachloroethane		6.6	U VJ	1.4	6.6
Tetrachloroethene		6.6	U VJ	0.98	6.6
Toluene		1.8	J J	0.78	6.6
1,1,1-Trichloroethane		6.6	U VJ	0.97	6.6
1,1,2-Trichloroethane		6.6	U VJ	1.2	6.6
Trichloroethene		6.6	U VJ	1.3	6.6
Vinyl chloride		6.6	U VJ	1.7	6.6
Xylenes, Total		6.6	U VJ	3.2	6.6
cis-1,2-Dichloroethene		6.6	U VJ	1.2	6.6
trans-1,2-Dichloroethene		6.6	U VJ	1.3	6.6

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	57	49 - 134
4-Bromofluorobenzene	27	36 - 133
Dibromofluoromethane	58	60 - 130
Toluene-d8 (Surr)	42	51 - 137

EMM  
3/8/08  
40712



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4

Date Sampled: 12/17/2007 1630

Client Matrix: Solid

% Moisture: 24.6

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-12285	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch:	220-12220	Lab File ID:	C4253.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Date Analyzed:	12/31/2007 2213			Final Weight/Volume:	1.0 mL
Date Prepared:	12/28/2007 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		440	U	76	440
Acenaphthylene		440	U	83	440
Anthracene		440	U	71	440
Benzo[a]anthracene		82	J J~	64	440
Benzo[a]pyrene		81	J J~	56	440
Benzo[b]fluoranthene		120	J J~	75	440
Benzo[g,h,i]perylene		440	U	85	440
Benzo[k]fluoranthene		440	U M~	72	440
Bis(2-chloroethoxy)methane		440	U	71	440
Bis(2-chloroethyl)ether		440	U	210	440
Bis(2-ethylhexyl) phthalate		100	J J~	56	440
Butyl benzyl phthalate		440	U	61	440
Carbazole		440	U	74	440
Chrysene		100	J J~	77	440
Di-n-butyl phthalate	440 U	440	J B~	67	440
Di-n-octyl phthalate		440	U	69	440
4-Bromophenyl phenyl ether		440	U	71	440
4-Chloroaniline		440	U	58	440
2-Chloronaphthalene		440	U	76	440
4-Chlorophenyl phenyl ether		440	U	86	440
Dibenz(a,h)anthracene		440	U	66	440
Dibenzofuran		440	U	77	440
Diethyl phthalate		440	U	110	440
Dimethyl phthalate		440	U	77	440
1,2-Dichlorobenzene		440	U	69	440
1,3-Dichlorobenzene		440	U	70	440
1,4-Dichlorobenzene		440	U	68	440
3,3'-Dichlorobenzidine		870	U	49	870
2,4-Dinitrotoluene		440	U	67	440
2,6-Dinitrotoluene		440	U	170	440
Fluoranthene		130	J J~	73	440
Fluorene		440	U	74	440
Hexachlorobenzene		440	U	75	440
Hexachlorobutadiene		440	U	83	440
Hexachlorocyclopentadiene		440	U	62	440
Hexachloroethane		440	U	76	440
Indeno[1,2,3-cd]pyrene		440	U	78	440
Isophorone		440	U	90	440
2-Methylnaphthalene		440	U	80	440
Naphthalene		440	U	67	440
2-Nitroaniline		2100	U	59	2100
3-Nitroaniline		2100	U	62	2100
Nitrobenzene		440	U	80	440
N-Nitrosodi-n-propylamine		440	U	98	440

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4

Client Matrix: Solid

% Moisture: 24.6

Date Sampled: 12/17/2007 1630

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-12285

Instrument ID: HP 6890/5975

Preparation: 3541

Prep Batch: 220-12220

Lab File ID: C4253.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Date Analyzed: 12/31/2007 2213

Final Weight/Volume: 1.0 mL

Date Prepared: 12/28/2007 0939

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		440	U	79	440
Phenanthrene		440	U	72	440
Pyrene		130	J J ✓	64	440
1,2,4-Trichlorobenzene		440	U	70	440
4-Chloro-3-methylphenol		440	U	87	440
2-Chlorophenol		440	U	94	440
2-Methylphenol		440	U	69	440
4-Methylphenol		440	U	66	440
2,4-Dichlorophenol		440	U	91	440
2,4-Dimethylphenol		440	U	59	440
2,4-Dinitrophenol		2100	U	290	2100
4,6-Dinitro-2-methylphenol		2100	U	340	2100
2-Nitrophenol		440	U	94	440
4-Nitrophenol		2100	U	200	2100
Pentachlorophenol		2100	U	31	2100
Phenol		440	U	52	440
2,4,5-Trichlorophenol		2100	U	66	2100
2,4,6-Trichlorophenol		440	U	64	440
Benzyl alcohol		440	U	91	440
4-Nitroaniline		870	U	66	870
2,2'-oxybis[1-chloropropane]		440	U	71	440

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	92	32 - 131
2-Fluorophenol	78	25 - 113
2,4,6-Tribromophenol	116	24 - 150
Nitrobenzene-d5	84	25 - 120
Phenol-d5	84	27 - 122
Terphenyl-d14	120	35 - 140

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3/8/08 J03/12

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4  
Client Matrix: Solid

% Moisture: 24.6

Date Sampled: 12/17/2007 1630  
Date Received: 12/18/2007 2020**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-12019	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	1.12 g
Date Analyzed:	12/21/2007 1333		Final Weight/Volume:	250 mL
Date Prepared:	12/19/2007 1422			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.4	U	0.44	4.4
Aluminum		8240		13.6	148
Arsenic		5.4	J	2.0	11.8
Barium		27.6 J ✓		0.33	3.0
Beryllium		3.0	U	0.68	3.0
Calcium		81000		18.4	296
Cadmium		7.4	U	1.4	7.4
Cobalt		2.4	J	0.77	3.0
Chromium		10.0		0.50	4.4
Copper		24.3		0.65	7.4
Iron		12900		14.5	88.8
Potassium		1050 J ✓		35.5	296
Magnesium		26200 J ✓		9.2	51.8
Manganese		228 J ✓		0.98	8.9
Sodium		101	J	28.1	296
Nickel		7.1	J	0.65	7.4
Lead		88.7		1.2	7.4
Antimony		14.8	UJ ✓	2.0	14.8
Selenium		14.8	U	2.4	14.8
Thallium		22.2	U	3.3	22.2
Vanadium		20.9		0.47	5.9
Zinc		85.0		3.3	29.6

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-12221	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12209	Lab File ID:	N/A
Dilution:	10		Initial Weight/Volume:	0.67 g
Date Analyzed:	12/28/2007 0935		Final Weight/Volume:	50 mL
Date Prepared:	12/27/2007 1942			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.4		0.15	0.59

3/14  
3/14/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4  
Client Matrix: Solid

% Moisture: 24.6

Date Sampled: 12/17/2007 1630  
Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A Analysis Batch: 220-12741 Instrument ID: HP 5890 with dual ECD  
Preparation: 3550B Prep Batch: 220-12344 Lab File ID: C7538034.D  
Dilution: 1.0 Initial Weight/Volume: 30.04 g  
Date Analyzed: 01/17/2008 0256 Run Type: RE Final Weight/Volume: 10.0 mL  
Date Prepared: 01/03/2008 1309 Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD	2.4	4.4 UJ ✓	JMH	0.50	4.4
4,4'-DDE	27	JN ✓	H	0.57	4.4
4,4'-DDT	4.4	R ✓	UH	0.41	4.4
Aldrin	2.6	UJ ✓	UH	0.47	2.6
alpha-BHC	2.3	UJ ✓	UH	0.36	2.3
beta-BHC	0.84	2.3 UJ ✓	JMH	0.36	2.3
delta-BHC	0.30	2.3 UJ ✓	JH	0.14	2.3
Dieldrin	4.1	4.4 UJ ✓	JMH	0.43	4.4
Endosulfan I	2.3	UJ ✓	UH	0.19	2.3
Endosulfan II	4.4	R ✓	UH	0.23	4.4
Endosulfan sulfate	4.4	UJ ✓	UH	0.23	4.4
Endrin	6.6	✓	UH	1.2	6.6
Endrin aldehyde	4.4	✓	UH	0.43	4.4
Endrin ketone	4.4	✓	UH	0.19	4.4
gamma-BHC (Lindane)	2.3	✓	UH	0.20	2.3
Heptachlor	2.3	✓	UH	0.20	2.3
Heptachlor epoxide	2.3	UJ ✓	UH	0.15	2.3
Methoxychlor	23	R ✓	UH	2.8	23
Toxaphene	89	UJ ✓	UH	2.3	89
alpha-Chlordane	15	J ✓	H	0.15	2.3
gamma-Chlordane	3.3	JN ✓	MH	0.12	2.3

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	180	25 - 159
Tetrachloro-m-xylene	126	24 - 154

Method: 8081A Analysis Batch: 220-12741 Instrument ID: HP 5890 with dual ECD  
Preparation: 3550B Prep Batch: 220-12344 Lab File ID: C7538034.D  
Dilution: 1.0 Initial Weight/Volume: 30.04 g  
Date Analyzed: 01/17/2008 0256 Run Type: RE Final Weight/Volume: 10.0 mL  
Date Prepared: 01/03/2008 1309 Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	129	25 - 159
Tetrachloro-m-xylene	483	24 - 154

OK 3/14

Jan 3/15/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Client Sample ID: PFH-SS-04

Sdg Number: 220-3706

Lab Sample ID: 220-3706-4

Date Sampled: 12/17/2007 1630

Client Matrix: Solid

% Moisture: 24.6

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 220-12741

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-12218

Lab File ID: C7538039.D

Dilution: 1.0

Initial Weight/Volume: 30.04 g

Date Analyzed: 01/17/2008 0443

Final Weight/Volume: 10.0 mL

Date Prepared: 12/28/2007 0858

Injection Volume: 1 uL

Column ID: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.3 4.4 UJ	JM	0.50	4.4
4,4'-DDE		19 JN	M*	0.57	4.4
4,4'-DDT		4.0 4.4 UJ	J	0.41	4.4
Aldrin		2.6 UJ	U*	0.47	2.6
alpha-BHC		2.3 UJ	U*	0.36	2.3
beta-BHC		0.98 2.3 UJ	JM	0.36	2.3
delta-BHC		0.89 J	JM	0.14	2.3
Dieldrin		4.8 4.4 UJ	JM	0.43	4.4
Endosulfan I		2.3	UJ	0.19	2.3
Endosulfan II		4.4 R	U	0.23	4.4
Endosulfan sulfate		4.4	UJ	0.23	4.4
Endrin		6.6	UJ	1.2	6.6
Endrin aldehyde		4.4 UJ	U*	0.43	4.4
Endrin ketone		4.4	UJ	0.19	4.4
gamma-BHC (Lindane)		2.3 UJ	U*	0.20	2.3
Heptachlor		2.3 R	U*	0.20	2.3
Heptachlor epoxide		2.3	UJ	0.15	2.3
Methoxychlor		2.3 R	U	2.8	2.3
Toxaphene		89	UJ	2.3	89
alpha-Chlordane		10 J	M*	0.15	2.3
gamma-Chlordane		4.0 JN	M*	0.12	2.3

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	54	25 - 159
DCB Decachlorobiphenyl	97	25 - 159
Tetrachloro-m-xylene	60	24 - 154
Tetrachloro-m-xylene	265	24 - 154

do not report

20 3/14

Am 3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-04

Lab Sample ID: 220-3706-4

Client Matrix: Solid

% Moisture: 24.6

Date Sampled: 12/17/2007 1630

Date Received: 12/18/2007 2020

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/31/2007 0047  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12292  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D4669177.d  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		23	U	3.7	23
PCB-1221		44	U	2.0	44
PCB-1232		23	U	2.5	23
PCB-1242		23	U	4.0	23
PCB-1248		23	U	3.6	23
PCB-1254		63 J ✓	M	1.6	23
PCB-1260		46 ✓	M	5.3	23

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	99	24 - 154
DCB Decachlorobiphenyl	110	25 - 159

Method: 8082  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/31/2007 0047  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12292  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C4669177.d  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	100	24 - 154
DCB Decachlorobiphenyl	107	25 - 159

3/1/4

Jan 3/2/08

TestAmerica Connecticut

Client Sample ID: PFH-SS-04

GC Semivolatiles

Lot-Sample #....: A7L200305-004 Work Order #....: KEKT71AC Matrix.....: SO  
 Date Sampled...: 12/17/07 16:30 Date Received...: 12/20/07  
 Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
 Prep Batch #....: 7362038  
 Dilution Factor: 1 Initial Wgt/Vol: 50.02 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 36 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	120	ug/kg	56
2,4,5-TP	ND	31	ug/kg	3.4
2,4,5-T	ND <i>VT</i> ✓	31	ug/kg	5.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	77	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

*WJ3/12*  
*Emm*  
*3/9/08*

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-04

Lab Name: TAL BURLINGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736231

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 78.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	19.4	19.4	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		78.8	

WJ3/14

Jan  
3/4/08



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12139

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6791.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/23/2007 2325

Final Weight/Volume: 5 mL

Date Prepared: 12/23/2007 2325

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	20	J-B ✓	2.7	23
Benzene		5.8	U	0.82	5.8
Bromodichloromethane		5.8	U	0.75	5.8
Bromoform		5.8	U	2.0	5.8
Bromomethane		5.8	U-M ✓	1.8	5.8
Methyl Ethyl Ketone		12	U	3.9	12
Carbon disulfide		5.8	U	0.62	5.8
Carbon tetrachloride		5.8	U	0.82	5.8
Chlorobenzene		5.8	U	1.0	5.8
Chloroethane		5.8	U	1.5	5.8
Chloroform		5.8	U	0.62	5.8
Chloromethane		5.8	U	1.2	5.8
Dibromochloromethane		5.8	U	1.2	5.8
1,1-Dichloroethane		5.8	U	0.75	5.8
1,2-Dichloroethane		5.8	U	1.3	5.8
1,1-Dichloroethene		5.8	U	0.92	5.8
1,2-Dichloropropane		5.8	U	1.1	5.8
cis-1,3-Dichloropropene		5.8	U	0.72	5.8
trans-1,3-Dichloropropene		5.8	U	1.2	5.8
Ethylbenzene		5.8	U	0.82	5.8
2-Hexanone		12	U	3.1	12
Methylene Chloride	230	5.2	J-B ✓	1.6	23
methyl isobutyl ketone		5.8	U	1.1	5.8
Styrene		5.8	U ✓	1.5	5.8
1,1,2,2-Tetrachloroethane		5.8	U	1.2	5.8
Tetrachloroethene		5.8	U	0.86	5.8
Toluene		5.8	U	0.69	5.8
1,1,1-Trichloroethane		5.8	U	0.85	5.8
1,1,2-Trichloroethane		5.8	U	1.0	5.8
Trichloroethene		5.8	U	1.1	5.8
Vinyl chloride		5.8	U	1.5	5.8
Xylenes, Total		5.8	U	2.8	5.8
cis-1,2-Dichloroethene		5.8	U	1.1	5.8
trans-1,2-Dichloroethene		5.8	U	1.1	5.8

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76	49 - 134
4-Bromofluorobenzene	46	36 - 133
Dibromofluoromethane	77	60 - 130
Toluene-d8 (Surr)	57	51 - 137

EMM  
3/8/08 JWB/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Date Sampled: 12/17/2007 1615

Client Matrix: Solid

% Moisture: 13.9

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12285	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-12220	Lab File ID: C4254.D
Dilution:	1.0		Initial Weight/Volume: 15.24 g
Date Analyzed:	12/31/2007 2238		Final Weight/Volume: 1.0 mL
Date Prepared:	12/28/2007 0939		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	66	380
Acenaphthylene		380	U	72	380
Anthracene		180	J J	61	380
Benzo[a]anthracene		540		55	380
Benzo[a]pyrene		460		48	380
Benzo[b]fluoranthene		620		65	380
Benzo[g,h,i]perylene		280	J J	74	380
Benzo[k]fluoranthene		240	J J	62	380
Bis(2-chloroethoxy)methane		380	U	61	380
Bis(2-chloroethyl)ether		380	U	190	380
Bis(2-ethylhexyl) phthalate		100	J J	48	380
Butyl benzyl phthalate		380	U	53	380
Carbazole		380	U	64	380
Chrysene		590		66	380
Di-n-butyl phthalate	380 U	490	J B	58	380
Di-n-octyl phthalate		380	U	60	380
4-Bromophenyl phenyl ether		380	U	61	380
4-Chloroaniline		380	U	50	380
2-Chloronaphthalene		380	U	66	380
4-Chlorophenyl phenyl ether		380	U	74	380
Dibenz(a,h)anthracene		68	J J	57	380
Dibenzofuran		380	U	66	380
Diethyl phthalate		380	U	93	380
Dimethyl phthalate		380	U	67	380
1,2-Dichlorobenzene		380	U	60	380
1,3-Dichlorobenzene		380	U	61	380
1,4-Dichlorobenzene		380	U	59	380
3,3'-Dichlorobenzidine		750	U	42	750
2,4-Dinitrotoluene		380	U	57	380
2,6-Dinitrotoluene		380	U	150	380
Fluoranthene		1300		63	380
Fluorene		65	J J	64	380
Hexachlorobenzene		380	U	65	380
Hexachlorobutadiene		380	U	72	380
Hexachlorocyclopentadiene		380	U	54	380
Hexachloroethane		380	U	65	380
Indeno[1,2,3-cd]pyrene		320	J	67	380
Isophorone		380	U	77	380
2-Methylnaphthalene		380	U	69	380
Naphthalene		380	U	57	380
2-Nitroaniline		1800	U	51	1800
3-Nitroaniline		1800	U	54	1800
Nitrobenzene		380	U	69	380
N-Nitrosodi-n-propylamine		380	U	84	380

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Date Sampled: 12/17/2007 1615

Client Matrix: Solid

% Moisture: 13.9

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-12285	Instrument ID:	HP 6890/5975
Preparation:	3541	Prep Batch:	220-12220	Lab File ID:	C4254.D
Dilution:	1.0			Initial Weight/Volume:	15.24 g
Date Analyzed:	12/31/2007 2238			Final Weight/Volume:	1.0 mL
Date Prepared:	12/28/2007 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		380	U	68	380
Phenanthrene		910		62	380
Pyrene		940		55	380
1,2,4-Trichlorobenzene		380	U	60	380
4-Chloro-3-methylphenol		380	U	75	380
2-Chlorophenol		380	U	81	380
2-Methylphenol		380	U	60	380
4-Methylphenol		110	J	57	380
2,4-Dichlorophenol		380	U	78	380
2,4-Dimethylphenol		380	U	51	380
2,4-Dinitrophenol		1800	U	250	1800
4,6-Dinitro-2-methylphenol		1800	U	290	1800
2-Nitrophenol		380	U	81	380
4-Nitrophenol		1800	U	170	1800
Pentachlorophenol		1800	U	27	1800
Phenol		380	U	45	380
2,4,5-Trichlorophenol		1800	U	57	1800
2,4,6-Trichlorophenol		380	U	55	380
Benzyl alcohol		380	U	78	380
4-Nitroaniline		750	U	57	750
2,2'-oxybis[1-chloropropane]		380	U	61	380

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	106	32 - 131
2-Fluorophenol	74	25 - 113
2,4,6-Tribromophenol	118	24 - 150
Nitrobenzene-d5	80	25 - 120
Phenol-d5	90	27 - 122
Terphenyl-d14	116	35 - 140

EMM  
3/8/08 WJ3/10

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5  
Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-12019	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	1.31 g
Date Analyzed:	12/21/2007 1347		Final Weight/Volume:	250 mL
Date Prepared:	12/19/2007 1422			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.3	U	0.33	3.3
Aluminum		5770		10.2	111
Arsenic		6.3	J ✓	1.5	8.9
Barium		36.9 J ✓		0.24	2.2
Beryllium		2.2	U	0.51	2.2
Calcium		87700		13.7	222
Cadmium		5.5	U	1.0	5.5
Cobalt		3.4 J ✓		0.58	2.2
Chromium		8.8		0.38	3.3
Copper		16.6		0.49	5.5
Iron		11000		10.9	66.5
Potassium		1020 J ✓		26.6	222
Magnesium		9840 J ✓		6.9	38.8
Manganese		436 J ✓		0.73	6.6
Sodium		116	J	21.1	222
Nickel		9.0 J ✓		0.49	5.5
Lead		37.8		0.93	5.5
Antimony		11.1	U J ✓	1.5	11.1
Selenium		11.1	U	1.8	11.1
Thallium		16.6	U	2.4	16.6
Vanadium		15.7		0.35	4.4
Zinc		41.8		2.4	22.2

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-12221	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12209	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.62 g
Date Analyzed:	12/28/2007 0926		Final Weight/Volume:	50 mL
Date Prepared:	12/27/2007 1942			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.056		0.014	0.056

2/3/14

Jm  
3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12741	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12344	Lab File ID:	C7538035.D
Dilution:	1.0		Initial Weight/Volume:	30.00 g
Date Analyzed:	01/17/2008 0317	Run Type: RE	Final Weight/Volume:	10.0 mL
Date Prepared:	01/03/2008 1309		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD	4.5	3.8 UJ ✓	JH	0.44	3.8
4,4'-DDE	11	JN ✓	MH	0.50	3.8
4,4'-DDT	4.5	3.8 UJ ✓	JMH	0.36	3.8
Aldrin	2.3	UJ ✓	UH	0.41	2.3
alpha-BHC	2.0	UJ ✓	UH	0.32	2.0
beta-BHC	0.63	2.0 UJ ✓	JMH	0.31	2.0
delta-BHC	0.31	2.0 UJ ✓	JMH	0.12	2.0
Dieldrin	2.7	3.8 UJ ✓	JMH	0.37	3.8
Endosulfan I	2.0	UJ ✓	UH	0.17	2.0
Endosulfan II	3.8	R ✓	UH	0.20	3.8
Endosulfan sulfate	0.76	J ✓	JH	0.20	3.8
Endrin	5.8	UJ ✓	UH	1.0	5.8
Endrin aldehyde	3.8	UJ ✓	UH	0.38	3.8
Endrin ketone	0.31	3.8 UJ ✓	JH	0.17	3.8
gamma-BHC (Lindane)	2.0	UJ ✓	UH	0.18	2.0
Heptachlor	4.4	2.0 UJ ✓	JH	0.17	2.0
Heptachlor epoxide	0.31	2.0 UJ ✓	JMH	0.13	2.0
Methoxychlor	20	R ✓	UH	2.5	20
Toxaphene	78	UJ ✓	UH	2.0	78
alpha-Chlordane	9.3	J ✓	MH	0.13	2.0
gamma-Chlordane	3.6	JN ✓	MH	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	169	25 - 159
Tetrachloro-m-xylene	166	24 - 154

Method:	8081A	Analysis Batch: 220-12741	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-12344	Lab File ID:	C7538035.D
Dilution:	1.0		Initial Weight/Volume:	30.00 g
Date Analyzed:	01/17/2008 0317	Run Type: RE	Final Weight/Volume:	10.0 mL
Date Prepared:	01/03/2008 1309		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	131	25 - 159
Tetrachloro-m-xylene	134	24 - 154

203/14

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3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0504  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12741  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7538040.D  
Initial Weight/Volume: 30.06 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 µL  
Column ID: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>3.8</del> R	<del>U</del>	0.44	3.8
4,4'-DDE		<del>2.6</del> 3.8 U	<del>JM</del>	0.50	3.8
4,4'-DDT		<del>3.8</del> R	<del>U</del>	0.36	3.8
Aldrin		2.3 UJ	U**	0.41	2.3
alpha-BHC		2.0 UJ	U*	0.32	2.0
beta-BHC		2.0	UJ	0.31	2.0
delta-BHC		2.0	UJ	0.12	2.0
Dieldrin		<del>4.4</del> 3.8 UJ	<del>JM</del>	0.37	3.8
Endosulfan I		2.0	UJ	0.17	2.0
Endosulfan II		<del>3.8</del> R	<del>U</del>	0.20	3.8
Endosulfan sulfate		3.8	UJ	0.20	3.8
Endrin		5.8	UJ	1.0	5.8
Endrin aldehyde		3.8 UJ	U**	0.37	3.8
Endrin ketone		0.59 J	JM	0.17	3.8
gamma-BHC (Lindane)		2.0 UJ	U*	0.18	2.0
Heptachlor		<del>1.5</del> 2.0 R	<del>JM</del>	0.17	2.0
Heptachlor epoxide		0.24 2.0 UJ	JM	0.13	2.0
Methoxychlor		<del>20</del> R	<del>U</del>	2.4	20
Toxaphene		78	UJ	2.0	78
alpha-Chlordane		3.0 JN	M*	0.13	2.0
gamma-Chlordane		<del>4.4</del> 2.0 UJ	<del>JM</del>	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	26	25 - 159
DCB Decachlorobiphenyl	76	25 - 159
Tetrachloro-m-xylene	34	24 - 154
Tetrachloro-m-xylene	47	24 - 154

do not report

W 3/14

Am  
3/10/8

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-05

Lab Sample ID: 220-3706-5

Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12292	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-12218	Lab File ID:	D4669178.d
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Date Analyzed:	12/31/2007 0103			Final Weight/Volume:	10.0 mL
Date Prepared:	12/28/2007 0858			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	3.3	20
PCB-1221		38	U	1.8	38
PCB-1232		20	U	2.2	20
PCB-1242		20	U	3.5	20
PCB-1248		24	<del>M</del>	3.1	20
PCB-1254		37 J ✓	<del>M</del>	1.4	20
PCB-1260		26		4.6	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	126	24 - 154
DCB Decachlorobiphenyl	191 *	25 - 159

Method:	8082	Analysis Batch:	220-12292	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-12218	Lab File ID:	C4669178.d
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Date Analyzed:	12/31/2007 0103			Final Weight/Volume:	10.0 mL
Date Prepared:	12/28/2007 0858			Injection Volume:	1 uL
				Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	127	24 - 154
DCB Decachlorobiphenyl	158	25 - 159

12/31/08

Jan  
3/2/08

TestAmerica Connecticut

Client Sample ID: PFH-SS-05

GC Semivolatiles

Lot-Sample #....: A7L200305-005 Work Order #....: KEKT81AC Matrix.....: SO  
 Date Sampled...: 12/17/07 16:15 Date Received...: 12/20/07  
 Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
 Prep Batch #....: 7362038  
 Dilution Factor: 1 Initial Wgt/Vol: 50.16 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 26 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	110	ug/kg	48
2,4,5-TP	ND	27	ug/kg	3.0
2,4,5-T	ND VJ✓	27	ug/kg	4.3
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
2,4-Dichlorophenylacetic acid	91		(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

WJ3/12

Emm  
3/9/08



# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-05

Lab Name: TAL BURL NGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736232

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 86.9

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	18.0	18.0	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		86.9	

*20314*

*Am  
3/4/08*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12139

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6792.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/23/2007 2351

Final Weight/Volume: 5 mL

Date Prepared: 12/23/2007 2351

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	100 U	100	B ✓	2.8	24
Benzene		5.9	U	0.84	5.9
Bromodichloromethane		5.9	U	0.77	5.9
Bromoform		5.9	U	2.0	5.9
Bromomethane		5.9	UM	1.8	5.9
Methyl Ethyl Ketone		5.9	J M J	4.0	12
Carbon disulfide		20		0.62	5.9
Carbon tetrachloride		5.9	U	0.84	5.9
Chlorobenzene		5.9	U	1.0	5.9
Chloroethane		5.9	U	1.5	5.9
Chloroform		5.9	U	0.62	5.9
Chloromethane		5.9	U	1.2	5.9
Dibromochloromethane		5.9	U	1.3	5.9
1,1-Dichloroethane		5.9	U	0.77	5.9
1,2-Dichloroethane		5.9	U	1.3	5.9
1,1-Dichloroethene		5.9	U	0.93	5.9
1,2-Dichloropropane		5.9	U	1.1	5.9
cis-1,3-Dichloropropene		5.9	U	0.73	5.9
trans-1,3-Dichloropropene		5.9	U	1.3	5.9
Ethylbenzene		5.9	U	0.84	5.9
2-Hexanone		12	U	3.1	12
Methylene Chloride	24 U	6.3	J B ✓	1.6	24
methyl isobutyl ketone		5.9	U	1.1	5.9
Styrene		5.9	U ✓ ✓ ✓	1.5	5.9
1,1,2,2-Tetrachloroethane		5.9	U	1.2	5.9
Tetrachloroethene		5.9	U	0.87	5.9
Toluene		4.3	J J ✓	0.70	5.9
1,1,1-Trichloroethane		5.9	U	0.86	5.9
1,1,2-Trichloroethane		5.9	U	1.0	5.9
Trichloroethene		5.9	U	1.2	5.9
Vinyl chloride		5.9	U	1.5	5.9
Xylenes, Total		5.9	U	2.9	5.9
cis-1,2-Dichloroethene		5.9	U	1.1	5.9
trans-1,2-Dichloroethene		5.9	U	1.1	5.9

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	49 - 134
4-Bromofluorobenzene	62	36 - 133
Dibromofluoromethane	80	60 - 130
Toluene-d8 (Surr)	66	51 - 137

EW  
3/8/08 WJ 3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Date Sampled: 12/17/2007 1620

Client Matrix: Solid

% Moisture: 15.1

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12285	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-12220	Lab File ID: C4250.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	12/31/2007 2101		Final Weight/Volume: 1.0 mL
Date Prepared:	12/28/2007 0939		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		390	U	67	390
Acenaphthylene		390	U	73	390
Anthracene		390	U	62	390
Benzo[a]anthracene		390	U	56	390
Benzo[a]pyrene		390	U	49	390
Benzo[b]fluoranthene		390	U	66	390
Benzo[g,h,i]perylene		390	U	75	390
Benzo[k]fluoranthene		390	U	63	390
Bis(2-chloroethoxy)methane		390	U	62	390
Bis(2-chloroethyl)ether		390	U	190	390
Bis(2-ethylhexyl) phthalate		390	U	49	390
Butyl benzyl phthalate		390	U	54	390
Carbazole		390	U	66	390
Chrysene		390	U	68	390
Di-n-butyl phthalate		440	U	60	390
Di-n-octyl phthalate		390	U	61	390
4-Bromophenyl phenyl ether		390	U	62	390
4-Chloroaniline		390	U	52	390
2-Chloronaphthalene		390	U	67	390
4-Chlorophenyl phenyl ether		390	U	76	390
Dibenz(a,h)anthracene		390	U	58	390
Dibenzofuran		390	U	68	390
Diethyl phthalate		390	U	96	390
Dimethyl phthalate		390	U	68	390
1,2-Dichlorobenzene		390	U	61	390
1,3-Dichlorobenzene		390	U	62	390
1,4-Dichlorobenzene		390	U	60	390
3,3'-Dichlorobenzidine		770	U	43	770
2,4-Dinitrotoluene		390	U	59	390
2,6-Dinitrotoluene		390	U	150	390
Fluoranthene		390	U	64	390
Fluorene		390	U	66	390
Hexachlorobenzene		390	U	67	390
Hexachlorobutadiene		390	U	74	390
Hexachlorocyclopentadiene		390	U	55	390
Hexachloroethane		390	U	67	390
Indeno[1,2,3-cd]pyrene		390	U	68	390
Isophorone		390	U	79	390
2-Methylnaphthalene		390	U	71	390
Naphthalene		390	U	59	390
2-Nitroaniline		1900	U	52	1900
3-Nitroaniline		1900	U	55	1900
Nitrobenzene		390	U	71	390
N-Nitrosodi-n-propylamine		390	U	86	390

EMM  
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3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12285	Instrument ID: HP 6890/5975
Preparation:	3541	Prep Batch: 220-12220	Lab File ID: C4250.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	12/31/2007 2101		Final Weight/Volume: 1.0 mL
Date Prepared:	12/28/2007 0939		Injection Volume: 1 µL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		390	U	70	390
Phenanthrene		390	U	64	390
Pyrene		390	U	56	390
1,2,4-Trichlorobenzene		390	U	62	390
4-Chloro-3-methylphenol		390	U	77	390
2-Chlorophenol		390	U	83	390
2-Methylphenol		390	U	61	390
4-Methylphenol		62	J J	58	390
2,4-Dichlorophenol		390	U	80	390
2,4-Dimethylphenol		390	U	52	390
2,4-Dinitrophenol		1900	U	250	1900
4,6-Dinitro-2-methylphenol		1900	U	300	1900
2-Nitrophenol		390	U	83	390
4-Nitrophenol		1900	U	180	1900
Pentachlorophenol		1900	U	27	1900
Phenol		390	U	46	390
2,4,5-Trichlorophenol		1900	U	59	1900
2,4,6-Trichlorophenol		390	U	56	390
Benzyl alcohol		390	U	80	390
4-Nitroaniline		770	U	58	770
2,2'-oxybis[1-chloropropane]		390	U	62	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	103	32 - 131
2-Fluorophenol	98	25 - 113
2,4,6-Tribromophenol	103	24 - 150
Nitrobenzene-d5	102	25 - 120
Phenol-d5	101	27 - 122
Terphenyl-d14	116	35 - 140

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 12/21/2007 1351  
Date Prepared: 12/19/2007 1422

Analysis Batch: 220-12141  
Prep Batch: 220-12019

Instrument ID: TJA Trace ICAP  
Lab File ID: W122107  
Initial Weight/Volume: 1.19 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.7	U	0.37	3.7
Aluminum		19500		11.4	124
Arsenic		5.3	J ✓	1.7	9.9
Barium		40.5 J ✓		0.27	2.5
Beryllium		2.5	U	0.57	2.5
Calcium		1250		15.3	247
Cadmium		6.2	U	1.1	6.2
Cobalt		6.3 J ✓		0.64	2.5
Chromium		20.4		0.42	3.7
Copper		6.1	J	0.54	6.2
Iron		21100		12.1	74.2
Potassium		1390 J ✓		29.7	247
Magnesium		2150 J ✓		7.7	43.3
Manganese		220 J ✓		0.82	7.4
Sodium		64.2	J	23.5	247
Nickel		11.3		0.54	6.2
Lead		11.0		1.0	6.2
Antimony		12.4	U J ✓	1.7	12.4
Selenium		12.4	U	2.0	12.4
Thallium		18.6	U	2.7	18.6
Vanadium		33.7		0.40	4.9
Zinc		26.3		2.7	24.7

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 12/28/2007 0928  
Date Prepared: 12/27/2007 1942

Analysis Batch: 220-12221  
Prep Batch: 220-12209

Instrument ID: Perkin Elmer FIMS  
Lab File ID: N/A  
Initial Weight/Volume: 0.64 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.048	J	0.014	0.055

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Jan 3/4/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0339  
Date Prepared: 01/03/2008 1309

Analysis Batch: 220-12741

Prep Batch: 220-12344

Run Type: RE

Instrument ID: HP 5890 with dual ECD

Lab File ID: D7538036.D

Initial Weight/Volume: 30.01 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.9 R ✓	UH	0.45	3.9
4,4'-DDE		3.9 UJ ✓	UH	0.51	3.9
4,4'-DDT		3.9 R ✓	UH	0.36	3.9
Aldrin		2.4 UJ ✓	UH	0.42	2.4
alpha-BHC		2.0 UJ ✓	UH	0.32	2.0
beta-BHC		2.0 UJ ✓	UH	0.32	2.0
delta-BHC		0.19 2.0 UJ ✓	JH	0.12	2.0
Dieldrin		3.9 UJ ✓	UH	0.38	3.9
Endosulfan I		2.0 UJ ✓	UH	0.17	2.0
Endosulfan II		3.9 R ✓	UH	0.20	3.9
Endosulfan sulfate		3.9 UJ ✓	UH	0.20	3.9
Endrin		5.9 ✓	UH	1.0	5.9
Endrin aldehyde		3.9 ✓	UH	0.38	3.9
Endrin ketone		3.9 ✓	UH	0.17	3.9
gamma-BHC (Lindane)		2.0 ✓	UH	0.18	2.0
Heptachlor		2.0 ✓	UH	0.18	2.0
Heptachlor epoxide		2.0 UJ ✓	UH	0.13	2.0
Methoxychlor		20 R ✓	UH	2.5	20
Toxaphene		79 UJ ✓	UH	2.1	79
alpha-Chlordane		2.0 UJ ✓	UH	0.13	2.0
gamma-Chlordane		0.34 2.0 UJ ✓	JMH	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	25 - 159
Tetrachloro-m-xylene	105	24 - 154

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0339  
Date Prepared: 01/03/2008 1309

Analysis Batch: 220-12741

Prep Batch: 220-12344

Run Type: RE

Instrument ID: HP 5890 with dual ECD

Lab File ID: C7538036.D

Initial Weight/Volume: 30.01 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	78	25 - 159
Tetrachloro-m-xylene	88	24 - 154

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3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 01/17/2008 0525  
Date Prepared: 12/28/2007 0858

Analysis Batch: 220-12741  
Prep Batch: 220-12218

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7538041.D  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>3.9</del> R	<del>U</del>	0.45	3.9
4,4'-DDE		3.9	U*	0.51	3.9
4,4'-DDT		<del>3.9</del> R	<del>U</del>	0.36	3.9
Aldrin		2.4 UJ	U*	0.42	2.4
alpha-BHC		2.0 UJ	U*	0.32	2.0
beta-BHC		2.0	UJ	0.32	2.0
delta-BHC		2.0	UJ	0.12	2.0
Dieldrin		3.9	UJ	0.38	3.9
Endosulfan I		2.0	UJ	0.17	2.0
Endosulfan II		<del>3.9</del> R	<del>U</del>	0.20	3.9
Endosulfan sulfate		3.9	UJ	0.20	3.9
Endrin		5.9	UJ	1.0	5.9
Endrin aldehyde		3.9 UJ	U*	0.38	3.9
Endrin ketone		3.9	UJ	0.17	3.9
gamma-BHC (Lindane)		2.0 UJ	U*	0.18	2.0
Heptachlor		<del>2.0</del> R	<del>U</del>	0.18	2.0
Heptachlor epoxide		2.0	UJ	0.13	2.0
Methoxychlor		<del>2.0</del> R	<del>U</del>	2.5	20
Toxaphene		79	UJ	2.1	79
alpha-Chlordane		0.24 J	J*	0.13	2.0
gamma-Chlordane		2.0	UJ	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	55	25 - 159
DCB Decachlorobiphenyl	69	25 - 159
Tetrachloro-m-xylene	60	24 - 154
Tetrachloro-m-xylene	62	24 - 154

do not  
report

220 3/14

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3/13/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

Client Sample ID: PFH-SS-06

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12292	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-12218	Lab File ID:	D4669179.d
Dilution:	1.0			Initial Weight/Volume:	30.04 g
Date Analyzed:	12/31/2007 0120			Final Weight/Volume:	10.0 mL
Date Prepared:	12/28/2007 0858			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	3.3	20
PCB-1221		39	U	1.8	39
PCB-1232		20	U	2.2	20
PCB-1242		20	U	3.5	20
PCB-1248		20	U	3.2	20
PCB-1254		20	U	1.4	20
PCB-1260		20	U	4.7	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	85	24 - 154
DCB Decachlorobiphenyl	95	25 - 159

WJ 3/14

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3/21/08



TestAmerica Connecticut

Client Sample ID: PFH-SS-06

GC Semivolatiles

Lot-Sample #....: A7L200305-006 Work Order #....: KEKT91AC Matrix.....: SO  
 Date Sampled....: 12/17/07 16:20 Date Received...: 12/20/07  
 Prep Date.....: 12/28/07 Analysis Date...: 12/30/07  
 Prep Batch #....: 7362038  
 Dilution Factor: 1 Initial Wgt/Vol: 50.09 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 17 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	96	ug/kg	43
2,4,5-TP	9.4 J J ✓	24	ug/kg	2.6
2,4,5-T	ND UJ ✓	24	ug/kg	3.8
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	104	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

WJ 3/12

Emm  
3/9/08

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-SS-06

Lab Name: TAL BURLINGTON

Contract: 220-3706-1

SDG No.: 220-3706

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 736233

Matrix: SOLID

Client: STLCTS

Date Received: 12/20/07

% Solids: 87.6

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/22/07	BLKSU122207A	mg/Kg	1	17.1	17.1	U
IN623	Solids, Percent	12/21/07	N/A	%	1.0		87.6	

203/4

Am  
3/4/08

rec'd 3/11

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Date Sampled: 12/10/2007 1120

Client Matrix: Solid

% Moisture: 19.3

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6657.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1702

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1702

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	1600	460	*B UJ ✓	2.9	25
Benzene		6.2	U	0.88	6.2
Bromodichloromethane		6.2	U	0.81	6.2
Bromoform		6.2	U	2.1	6.2
Bromomethane		6.2	U	1.9	6.2
Methyl Ethyl Ketone		15		4.2	12
Carbon disulfide		6.2	U	0.66	6.2
Carbon tetrachloride		6.2	U	0.88	6.2
Chlorobenzene		6.2	U	1.1	6.2
Chloroethane		6.2	U	1.6	6.2
Chloroform		6.2	U	0.66	6.2
Chloromethane		6.2	U ✓	1.3	6.2
Dibromochloromethane		6.2	U	1.3	6.2
1,1-Dichloroethane		6.2	U	0.81	6.2
1,2-Dichloroethane		6.2	U	1.3	6.2
1,1-Dichloroethene		6.2	U	0.98	6.2
1,2-Dichloropropane		6.2	U	1.2	6.2
cis-1,3-Dichloropropene		6.2	U	0.77	6.2
trans-1,3-Dichloropropene		6.2	U	1.3	6.2
Ethylbenzene		6.2	U	0.88	6.2
2-Hexanone		12	U	3.3	12
Methylene Chloride	250	5.2	J-B ✓	1.7	25
methyl isobutyl ketone		6.2	U	1.2	6.2
Styrene		6.2	U	1.6	6.2
1,1,2,2-Tetrachloroethane		6.2	U	1.3	6.2
Tetrachloroethene	6.20	4.2	J-B ✓	0.92	6.2
Toluene		6.2	U	0.73	6.2
1,1,1-Trichloroethane		6.2	U	0.90	6.2
1,1,2-Trichloroethane		6.2	U	1.1	6.2
Trichloroethene		6.2	U	1.2	6.2
Vinyl chloride		6.2	U	1.6	6.2
Xylenes, Total		6.2	U	3.0	6.2
cis-1,2-Dichloroethene		6.2	U	1.1	6.2
trans-1,2-Dichloroethene		6.2	U	1.2	6.2

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	49 - 134
4-Bromofluorobenzene	83	36 - 133
Dibromofluoromethane	90	60 - 130
Toluene-d8 (Surr)	75	51 - 137

3/12  
Emm  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Date Sampled: 12/10/2007 1120

Client Matrix: Solid

% Moisture: 19.3

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3465.D

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Date Analyzed: 12/17/2007 1542

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		410	U	71	410
Acenaphthylene		410	U	78	410
Anthracene		410	U	66	410
Benzo[a]anthracene		410	U	59	410
Benzo[a]pyrene		410	U	52	410
Benzo[b]fluoranthene		410	U	70	410
Benzo[g,h,i]perylene		410	U	80	410
Benzo[k]fluoranthene		410	U	67	410
Bis(2-chloroethoxy)methane		410	U	66	410
Bis(2-chloroethyl)ether		410	U	200	410
Bis(2-ethylhexyl) phthalate	410 U	<del>410</del>	JB ✓	52	410
Butyl benzyl phthalate		410	U	57	410
Carbazole		410	U	69	410
Chrysene		410	U	72	410
Di-n-butyl phthalate		410	U	63	410
Di-n-octyl phthalate		410	U	65	410
4-Bromophenyl phenyl ether		410	U	66	410
4-Chloroaniline		410	U	55	410
2-Chloronaphthalene		410	U	71	410
4-Chlorophenyl phenyl ether		410	U	80	410
Dibenz(a,h)anthracene		410	U	62	410
Dibenzofuran		410	U	72	410
Diethyl phthalate		410	U	100	410
Dimethyl phthalate		410	U	72	410
1,2-Dichlorobenzene		410	U	65	410
1,3-Dichlorobenzene		410	U	66	410
1,4-Dichlorobenzene		410	U	64	410
3,3'-Dichlorobenzidine		820	U	46	820
2,4-Dinitrotoluene		410	U	62	410
2,6-Dinitrotoluene		410	U	160	410
Fluoranthene		410	U	68	410
Fluorene		410	U	70	410
Hexachlorobenzene		410	U	70	410
Hexachlorobutadiene		410	U	78	410
Hexachlorocyclopentadiene		410	U	58	410
Hexachloroethane		410	U	71	410
Indeno[1,2,3-cd]pyrene		410	U	72	410
Isophorone		410	U	84	410
2-Methylnaphthalene		410	U	75	410
Naphthalene		410	U	62	410
2-Nitroaniline		2000	U	55	2000
3-Nitroaniline		2000	U	58	2000
Nitrobenzene		410	U	75	410
N-Nitrosodi-n-propylamine		410	U	91	410

3/12  
EMM  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Date Sampled: 12/10/2007 1120

Client Matrix: Solid

% Moisture: 19.3

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3465.D

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Date Analyzed: 12/17/2007 1542

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		410	U	74	410
Phenanthrene		410	U	67	410
Pyrene		410	U	60	410
1,2,4-Trichlorobenzene		410	U	65	410
4-Chloro-3-methylphenol		410	U	82	410
2-Chlorophenol		410	U	88	410
2-Methylphenol		410	U	65	410
4-Methylphenol		410	U	61	410
2,4-Dichlorophenol		410	U	85	410
2,4-Dimethylphenol		410	U	55	410
2,4-Dinitrophenol		2000	U	270	2000
4,6-Dinitro-2-methylphenol		2000	U	320	2000
2-Nitrophenol		410	U	88	410
4-Nitrophenol		2000	U	190	2000
Pentachlorophenol		2000	U	29	2000
Phenol		410	U	49	410
2,4,5-Trichlorophenol		2000	U	62	2000
2,4,6-Trichlorophenol		410	U	60	410
Benzyl alcohol		410	U	85	410
4-Nitroaniline		820	U	61	820
2,2'-oxybis[1-chloropropane]		410	U	66	410

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	96	32 - 131
2-Fluorophenol	91	25 - 113
2,4,6-Tribromophenol	81	24 - 150
Nitrobenzene-d5	91	25 - 120
Phenol-d5	96	27 - 122
Terphenyl-d14	114	35 - 140

403/12  
Emm  
3/6/08

rec'd 3/5

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Client Matrix: Solid

% Moisture: 19.3

Date Sampled: 12/10/2007 1120

Date Received: 12/11/2007 1820

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch:	220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch:	220-11852	Lab File ID:	W121807
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	12/18/2007 1403			Final Weight/Volume:	250 mL
Date Prepared:	12/14/2007 0955				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.5	U	0.45	4.5
Aluminum		18100		13.8	150
Arsenic		4.7	J ✓	2.0	12.0
Barium		40.4 J ✓		0.33	3.0
Beryllium		3.0	U	0.69	3.0
Calcium		2510		18.7	301
Cadmium		7.5	U	1.4	7.5
Cobalt		7.2 J ✓		0.78	3.0
Chromium		21.1 J ✓		0.51	4.5
Copper		9.1 J ✓		0.66	7.5
Iron		19700 J ✓		14.7	90.3
Potassium		1300 J ✓		36.1	301
Magnesium		2530 J ✓		9.3	52.7
Manganese		235 J ✓		0.99	9.0
Sodium		<del>62.4</del> 301 U ✓	J	28.6	301
Nickel		12.2		0.66	7.5
Lead		20.0 J ✓		1.3	7.5
Antimony		15.0	U	2.1	15.0
Selenium		15.0	U	2.5	15.0
Thallium		22.6	U	3.3	22.6
Vanadium		32.4		0.48	6.0
Zinc		36.6		3.3	30.1

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch:	220-11901	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch:	220-11880	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Date Analyzed:	12/15/2007 1638			Final Weight/Volume:	50 mL
Date Prepared:	12/14/2007 1549				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.11		0.015	0.060

W 3/7

Jm  
3/3/08

recd 3/5

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Client Matrix: Solid

% Moisture: 19.3

Date Sampled: 12/10/2007 1120

Date Received: 12/11/2007 1820

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/20/2007 2358  
Date Prepared: 12/18/2007 0907

Analysis Batch: 220-12056  
Prep Batch: 220-11947

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7522023.D  
Initial Weight/Volume: 30.07 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.1	U	0.47	4.1
4,4'-DDE		39	M	0.54	4.1
4,4'-DDT		4.1	U	0.38	4.1
Aldrin		2.5	U	0.44	2.5
alpha-BHC		2.1	U	0.34	2.1
beta-BHC		2.1	U	0.33	2.1
delta-BHC		2.1	U	0.13	2.1
Dieldrin		4.1	U	0.40	4.1
Endosulfan I		2.1	U	0.18	2.1
Endosulfan II		4.1	U	0.21	4.1
Endosulfan sulfate		4.1	U	0.21	4.1
Endrin		6.2	U	1.1	6.2
Endrin aldehyde		4.1	U	0.40	4.1
Endrin ketone		4.1	U	0.18	4.1
gamma-BHC (Lindane)		2.1	U	0.19	2.1
Heptachlor		2.1	U	0.19	2.1
Heptachlor epoxide		2.1	U	0.14	2.1
Methoxychlor		21	U	2.6	21
Toxaphene		83	U	2.2	83
alpha-Chlordane		2.1	U	0.14	2.1
gamma-Chlordane		2.1	U	0.11	2.1

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	70	25 - 159
Tetrachloro-m-xylene	71	24 - 154

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/20/2007 2358  
Date Prepared: 12/18/2007 0907

Analysis Batch: 220-12056  
Prep Batch: 220-11947

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C7522023.D  
Initial Weight/Volume: 30.07 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	67	25 - 159
Tetrachloro-m-xylene	60	24 - 154

WJ3/7

Am  
2/26/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Date Sampled: 12/10/2007 1120

Client Matrix: Solid

% Moisture: 19.3

Date Received: 12/11/2007 1820

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082	Analysis Batch: 220-12039	Instrument ID: HP 5890 with dual ECD
Preparation: 3550B	Prep Batch: 220-11947	Lab File ID: D4667068.d
Dilution: 1.0		Initial Weight/Volume: 30.07 g
Date Analyzed: 12/19/2007 1831		Final Weight/Volume: 10.0 mL
Date Prepared: 12/18/2007 0907		Injection Volume: 1 uL
		Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		21	U	3.5	21
PCB-1221		41	U	1.9	41
PCB-1232		21	U	2.3	21
PCB-1242		21	U	3.7	21
PCB-1248		21	U	3.3	21
PCB-1254		21	U	1.5	21
PCB-1260		21	U	4.9	21

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	107	24 - 154
DCB Decachlorobiphenyl	124	25 - 159

*W 3/7*

*Am  
2/26/08*



rec'd 3/11

TestAmerica Connecticut

Client Sample ID: PFH-GP-01(0.5-1)

GC Semivolatiles

Lot-Sample #....: A7L130383-001 Work Order #....: KD45J1AC Matrix.....: SO  
Date Sampled...: 12/10/07 11:20 Date Received...: 12/13/07  
Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
Prep Batch #....: 7352046  
Dilution Factor: 1 Initial Wgt/Vol: 50.07 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 20 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	100	ug/kg	45
2,4,5-TP	ND	25	ug/kg	2.7
2,4,5-T	ND	25	ug/kg	4.0
		PERCENT RECOVERY	RECOVERY LIMITS	
SURROGATE				
2,4-Dichlorophenylacetic acid	76		(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

EMM  
3/6/08  
W03/12

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-01(0.5-1)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735475

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 80.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	19.8	19.8	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		80.0	

12/31/12

3/5/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Date Sampled: 12/10/2007 1400

Client Matrix: Solid

% Moisture: 9.0

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6658.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1730

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1730

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	17	J-B VJ ✓	2.6	22
Benzene		5.5	U	0.78	5.5
Bromodichloromethane		5.5	U	0.71	5.5
Bromoform		5.5	U	1.9	5.5
Bromomethane		5.5	U	1.7	5.5
Methyl Ethyl Ketone		11	U	3.7	11
Carbon disulfide		5.5	U	0.58	5.5
Carbon tetrachloride		5.5	U	0.78	5.5
Chlorobenzene		5.5	U	0.97	5.5
Chloroethane		5.5	U	1.4	5.5
Chloroform		5.5	U	0.58	5.5
Chloromethane		5.5	U ✓	1.1	5.5
Dibromochloromethane		5.5	U	1.2	5.5
1,1-Dichloroethane		5.5	U	0.71	5.5
1,2-Dichloroethane		5.5	U	1.2	5.5
1,1-Dichloroethene		5.5	U	0.87	5.5
1,2-Dichloropropane		5.5	U	1.1	5.5
cis-1,3-Dichloropropene		5.5	U	0.68	5.5
trans-1,3-Dichloropropene		5.5	U	1.2	5.5
Ethylbenzene		5.5	U	0.78	5.5
2-Hexanone		11	U	2.9	11
Methylene Chloride	220	4.6	J-B ✓	1.5	22
methyl isobutyl ketone		5.5	U	1.0	5.5
Styrene		5.5	U	1.4	5.5
1,1,2,2-Tetrachloroethane		5.5	U	1.1	5.5
Tetrachloroethene	6.4 U	6.4	B ✓	0.81	5.5
Toluene		5.5	U	0.65	5.5
1,1,1-Trichloroethane		5.5	U	0.80	5.5
1,1,2-Trichloroethane		5.5	U	0.96	5.5
Trichloroethene		5.5	U	1.1	5.5
Vinyl chloride		5.5	U	1.4	5.5
Xylenes, Total		5.5	U	2.7	5.5
cis-1,2-Dichloroethene		5.5	U	1.0	5.5
trans-1,2-Dichloroethene		5.5	U	1.1	5.5

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	49 - 134
4-Bromofluorobenzene	83	36 - 133
Dibromofluoromethane	92	60 - 130
Toluene-d8 (Surr)	81	51 - 137

WU 3/12  
Emm  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Date Sampled: 12/10/2007 1400

Client Matrix: Solid

% Moisture: 9.0

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3466.D

Dilution: 1.0

Initial Weight/Volume: 15.08 g

Date Analyzed: 12/17/2007 1605

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		360	U	63	360
Acenaphthylene		360	U	69	360
Anthracene		360	U	58	360
Benzo[a]anthracene		360	U	52	360
Benzo[a]pyrene		360	U	46	360
Benzo[b]fluoranthene		360	U	62	360
Benzo[g,h,i]perylene		360	U	70	360
Benzo[k]fluoranthene		360	U	59	360
Bis(2-chloroethoxy)methane		360	U	58	360
Bis(2-chloroethyl)ether		360	U	180	360
Bis(2-ethylhexyl) phthalate		360	U	46	360
Butyl benzyl phthalate		360	U	51	360
Carbazole		360	U	61	360
Chrysene		360	U	63	360
Di-n-butyl phthalate		360	U	56	360
Di-n-octyl phthalate		360	U	57	360
4-Bromophenyl phenyl ether		360	U	58	360
4-Chloroaniline		360	U	48	360
2-Chloronaphthalene		360	U	63	360
4-Chlorophenyl phenyl ether		360	U	71	360
Dibenz(a,h)anthracene		360	U	55	360
Dibenzofuran		360	U	63	360
Diethyl phthalate		360	U	89	360
Dimethyl phthalate		360	U	64	360
1,2-Dichlorobenzene		360	U	57	360
1,3-Dichlorobenzene		360	U	58	360
1,4-Dichlorobenzene		360	U	56	360
3,3'-Dichlorobenzidine		720	U	40	720
2,4-Dinitrotoluene		360	U	55	360
2,6-Dinitrotoluene		360	U	140	360
Fluoranthene		360	U	60	360
Fluorene		360	U	61	360
Hexachlorobenzene		360	U	62	360
Hexachlorobutadiene		360	U	69	360
Hexachlorocyclopentadiene		360	U	51	360
Hexachloroethane		360	U	63	360
Indeno[1,2,3-cd]pyrene		360	U	64	360
Isophorone		360	U	74	360
2-Methylnaphthalene		360	U	66	360
Naphthalene		360	U	55	360
2-Nitroaniline		1700	U	49	1700
3-Nitroaniline		1700	U	51	1700
Nitrobenzene		360	U	66	360
N-Nitrosodi-n-propylamine		360	U	81	360

W3/D  
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3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Date Sampled: 12/10/2007 1400

Client Matrix: Solid

% Moisture: 9.0

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3466.D

Dilution: 1.0

Initial Weight/Volume: 15.08 g

Date Analyzed: 12/17/2007 1605

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		360	U	65	360
Phenanthrene		360	U	59	360
Pyrene		360	U	53	360
1,2,4-Trichlorobenzene		360	U	57	360
4-Chloro-3-methylphenol		360	U	72	360
2-Chlorophenol		360	U	78	360
2-Methylphenol		360	U	57	360
4-Methylphenol		360	U	54	360
2,4-Dichlorophenol		360	U	75	360
2,4-Dimethylphenol		360	U	48	360
2,4-Dinitrophenol		1700	U	240	1700
4,6-Dinitro-2-methylphenol		1700	U	280	1700
2-Nitrophenol		360	U	77	360
4-Nitrophenol		1700	U	160	1700
Pentachlorophenol		1700	U	25	1700
Phenol		360	U	43	360
2,4,5-Trichlorophenol		1700	U	55	1700
2,4,6-Trichlorophenol		360	U	53	360
Benzyl alcohol		360	U	75	360
4-Nitroaniline		720	U	54	720
2,2'-oxybis[1-chloropropane]		360	U	58	360

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	101	32 - 131
2-Fluorophenol	99	25 - 113
2,4,6-Tribromophenol	88	24 - 150
Nitrobenzene-d5	99	25 - 120
Phenol-d5	104	27 - 122
Terphenyl-d14	128	35 - 140

3/12  
EMM  
3/6/08

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2  
Client Matrix: Solid

% Moisture: 9.0

Date Sampled: 12/10/2007 1400  
Date Received: 12/11/2007 1820**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-11852	Lab File ID:	W121807
Dilution:	1.0		Initial Weight/Volume:	1.29 g
Date Analyzed:	12/18/2007 1408		Final Weight/Volume:	250 mL
Date Prepared:	12/14/2007 0955			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.2	U	0.32	3.2
Aluminum		595		9.8	106
Arsenic		8.5	U	1.4	8.5
Barium		2.9 J ✓		0.23	2.1
Beryllium		2.1	U	0.49	2.1
Calcium		29.6	J	13.2	213
Cadmium		5.3	U	0.98	5.3
Cobalt		2.1	U	0.55	2.1
Chromium		1.7	J	0.36	3.2
Copper		0.84 J ✓		0.47	5.3
Iron		1290 J ✓		10.4	63.9
Potassium		62.6	J	25.5	213
Magnesium		106 J ✓		6.6	37.3
Manganese		77.1 J ✓		0.70	6.4
Sodium		213	U	20.2	213
Nickel		0.82	J	0.47	5.3
Lead		5.3	U	0.89	5.3
Antimony		10.6	U	1.5	10.6
Selenium		10.6	U	1.7	10.6
Thallium		16.0	U	2.3	16.0
Vanadium		1.6	J	0.34	4.3
Zinc		11.1	J	2.3	21.3

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-11901	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-11880	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.63 g
Date Analyzed:	12/15/2007 1642		Final Weight/Volume:	50 mL
Date Prepared:	12/14/2007 1549			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.047</del> 0.052 U ✓ J		0.013	0.052

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Date Sampled: 12/10/2007 1400

Client Matrix: Solid

% Moisture: 9.0

Date Received: 12/11/2007 1820

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522024.D
Dilution:	1.0		Initial Weight/Volume:	30.02 g
Date Analyzed:	12/21/2007 0019		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.6	U	0.42	3.6
4,4'-DDE		0.79	J ✓	0.48	3.6
4,4'-DDT		3.6	U	0.34	3.6
Aldrin		2.2	U	0.39	2.2
alpha-BHC		1.9	U	0.30	1.9
beta-BHC		1.9	U	0.30	1.9
delta-BHC		1.9	U	0.11	1.9
Dieldrin		3.6	U	0.35	3.6
Endosulfan I		1.9	U	0.16	1.9
Endosulfan II		3.6	U	0.19	3.6
Endosulfan sulfate		3.6	U	0.19	3.6
Endrin		5.5	U	0.98	5.5
Endrin aldehyde		3.6	U	0.35	3.6
Endrin ketone		3.6	U	0.16	3.6
gamma-BHC (Lindane)		1.9	U	0.17	1.9
Heptachlor		1.9	U	0.16	1.9
Heptachlor epoxide		1.9	U	0.13	1.9
Methoxychlor		19	U	2.3	19
Toxaphene		74	U	1.9	74
alpha-Chlordane		1.9	U	0.12	1.9
gamma-Chlordane		1.9	U	0.10	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	25 - 159
Tetrachloro-m-xylene	36	24 - 154

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	C7522024.D
Dilution:	1.0		Initial Weight/Volume:	30.02 g
Date Analyzed:	12/21/2007 0019		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	25 - 159
Tetrachloro-m-xylene	36	24 - 154

WJ 3/7  
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2/26/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Date Sampled: 12/10/2007 1400

Client Matrix: Solid

% Moisture: 9.0

Date Received: 12/11/2007 1820

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12039	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-11947	Lab File ID:	D4667069.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	12/19/2007 1848			Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	3.1	19
PCB-1221		36	U	1.7	36
PCB-1232		19	U	2.0	19
PCB-1242		19	U	3.3	19
PCB-1248		19	U	3.0	19
PCB-1254		19	U	1.3	19
PCB-1260		19	U	4.4	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	44	24 - 154
DCB Decachlorobiphenyl	114	25 - 159

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TestAmerica Connecticut

Client Sample ID: PFH-GP-01(25-27)

GC Semivolatiles

Lot-Sample #....: A7L130383-002 Work Order #....: KD4541AC Matrix.....: SO  
 Date Sampled....: 12/10/07 14:00 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.01 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 18 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	97	ug/kg	44
2,4,5-TP	ND	24	ug/kg	2.7
2,4,5-T	ND	24	ug/kg	3.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	82	(19 - 122)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

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# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-01(25-27)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735476

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 89.7

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	17.4	17.4	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		89.7	

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3/13/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Date Sampled: 12/11/2007 1020

Client Matrix: Solid

% Moisture: 12.2

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6661.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1846

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1846

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	260	26	B ✓	2.7	23
Benzene		5.7	U	0.81	5.7
Bromodichloromethane		5.7	U	0.74	5.7
Bromoform		5.7	U	2.0	5.7
Bromomethane		5.7	U	1.7	5.7
Methyl Ethyl Ketone		11	U	3.8	11
Carbon disulfide		5.7	U	0.60	5.7
Carbon tetrachloride		5.7	U	0.81	5.7
Chlorobenzene		5.7	U	1.0	5.7
Chloroethane		5.7	U	1.4	5.7
Chloroform		5.7	U	0.60	5.7
Chloromethane		5.7	U ✓	1.2	5.7
Dibromochloromethane		5.7	U	1.2	5.7
1,1-Dichloroethane		5.7	U	0.74	5.7
1,2-Dichloroethane		5.7	U	1.2	5.7
1,1-Dichloroethene		5.7	U	0.90	5.7
1,2-Dichloropropane		5.7	U	1.1	5.7
cis-1,3-Dichloropropene		5.7	U	0.71	5.7
trans-1,3-Dichloropropene		5.7	U	1.2	5.7
Ethylbenzene		5.7	U	0.81	5.7
2-Hexanone		11	U	3.0	11
Methylene Chloride	230	4.1	B ✓	1.6	23
methyl isobutyl ketone		5.7	U	1.1	5.7
Styrene		1.6	J ✓	1.5	5.7
1,1,2,2-Tetrachloroethane		5.7	U	1.2	5.7
Tetrachloroethene		5.7	U	0.84	5.7
Toluene		5.7	U	0.67	5.7
1,1,1-Trichloroethane		5.7	U	0.83	5.7
1,1,2-Trichloroethane		5.7	U	0.99	5.7
Trichloroethene		5.7	U	1.1	5.7
Vinyl chloride		5.7	U	1.5	5.7
Xylenes, Total		5.7	U	2.8	5.7
cis-1,2-Dichloroethene		5.7	U	1.0	5.7
trans-1,2-Dichloroethene		5.7	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	49 - 134
4-Bromofluorobenzene	63	36 - 133
Dibromofluoromethane	77	60 - 130
Toluene-d8 (Surr)	64	51 - 137

W3/12  
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3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Date Sampled: 12/11/2007 1020

Client Matrix: Solid

% Moisture: 12.2

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3469.D

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Date Analyzed: 12/17/2007 1715

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		370	U	66	370
Acenaphthylene		370	U	71	370
Anthracene		370	U	60	370
Benzo[a]anthracene		370	U	55	370
Benzo[a]pyrene		370	U	48	370
Benzo[b]fluoranthene		370	U	64	370
Benzo[g,h,i]perylene		370	U	73	370
Benzo[k]fluoranthene		370	U	61	370
Bis(2-chloroethoxy)methane		370	U	61	370
Bis(2-chloroethyl)ether		370	U	180	370
Bis(2-ethylhexyl) phthalate	370	<del>160</del>	<del>JB</del> ✓	48	370
Butyl benzyl phthalate		370	U	53	370
Carbazole		370	U	64	370
Chrysene		370	U	66	370
Di-n-butyl phthalate		370	U	58	370
Di-n-octyl phthalate		370	U	59	370
4-Bromophenyl phenyl ether		370	U	61	370
4-Chloroaniline		370	U	50	370
2-Chloronaphthalene		370	U	65	370
4-Chlorophenyl phenyl ether		370	U	74	370
Dibenz(a,h)anthracene		370	U	57	370
Dibenzofuran		370	U	66	370
Diethyl phthalate		370	U	93	370
Dimethyl phthalate		370	U	66	370
1,2-Dichlorobenzene		370	U	59	370
1,3-Dichlorobenzene		370	U	60	370
1,4-Dichlorobenzene		370	U	59	370
3,3'-Dichlorobenzidine		750	U	42	750
2,4-Dinitrotoluene		370	U	57	370
2,6-Dinitrotoluene		370	U	150	370
Fluoranthene		370	U	62	370
Fluorene		370	U	64	370
Hexachlorobenzene		370	U	65	370
Hexachlorobutadiene		370	U	71	370
Hexachlorocyclopentadiene		370	U	53	370
Hexachloroethane		370	U	65	370
Indeno[1,2,3-cd]pyrene		370	U	66	370
Isophorone		370	U	77	370
2-Methylnaphthalene		370	U	69	370
Naphthalene		370	U	57	370
2-Nitroaniline		1800	U	51	1800
3-Nitroaniline		1800	U	53	1800
Nitrobenzene		370	U	69	370
N-Nitrosodi-n-propylamine		370	U	84	370

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Date Sampled: 12/11/2007 1020

Client Matrix: Solid

% Moisture: 12.2

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID:	Z3469.D
Dilution:	1.0		Initial Weight/Volume:	15.04 g
Date Analyzed:	12/17/2007 1715		Final Weight/Volume:	1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		370	U	68	370
Phenanthrene		370	U	62	370
Pyrene		370	U	55	370
1,2,4-Trichlorobenzene		370	U	60	370
4-Chloro-3-methylphenol		370	U	75	370
2-Chlorophenol		370	U	81	370
2-Methylphenol		370	U	59	370
4-Methylphenol		370	U	56	370
2,4-Dichlorophenol		370	U	78	370
2,4-Dimethylphenol		370	U	50	370
2,4-Dinitrophenol		1800	U	250	1800
4,6-Dinitro-2-methylphenol		1800	U	290	1800
2-Nitrophenol		370	U	81	370
4-Nitrophenol		1800	U	170	1800
Pentachlorophenol		1800	U	26	1800
Phenol		370	U	45	370
2,4,5-Trichlorophenol		1800	U	57	1800
2,4,6-Trichlorophenol		370	U	55	370
Benzyl alcohol		370	U	78	370
4-Nitroaniline		750	U	56	750
2,2'-oxybis[1-chloropropane]		370	U	61	370

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	91	32 - 131
2-Fluorophenol	90	25 - 113
2,4,6-Tribromophenol	81	24 - 150
Nitrobenzene-d5	88	25 - 120
Phenol-d5	95	27 - 122
Terphenyl-d14	118	35 - 140

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3/6/08

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Client Matrix: Solid

% Moisture: 12.2

Date Sampled: 12/11/2007 1020

Date Received: 12/11/2007 1820

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-11852	Lab File ID:	W121807
Dilution:	1.0		Initial Weight/Volume:	1.44 g
Date Analyzed:	12/18/2007 1422		Final Weight/Volume:	250 mL
Date Prepared:	12/14/2007 0955			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.0	U	0.30	3.0
Aluminum		10800		9.1	98.9
Arsenic		3.2	J	1.3	7.9
Barium		20.7 J ✓		0.22	2.0
Beryllium		2.0	U	0.45	2.0
Calcium		173	J	12.3	198
Cadmium		4.9	U	0.91	4.9
Cobalt		5.2 J ✓		0.51	2.0
Chromium		13.9 J ✓		0.34	3.0
Copper		5.0 J ✓		0.44	4.9
Iron		12300 J ✓		9.7	59.3
Potassium		323 J ✓		23.7	198
Magnesium		1600 J ✓		6.1	34.6
Manganese		146 J ✓		0.65	5.9
Sodium		<del>37.3</del> 1980 J ✓	J	18.8	198
Nickel		8.4		0.44	4.9
Lead		5.5 J ✓		0.83	4.9
Antimony		9.9	U	1.4	9.9
Selenium		9.9	U	1.6	9.9
Thallium		14.8	U	2.2	14.8
Vanadium		19.1		0.32	4.0
Zinc		28.7		2.2	19.8

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method:	7471A	Analysis Batch: 220-11901	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-11880	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.65 g
Date Analyzed:	12/15/2007 1644		Final Weight/Volume:	50 mL
Date Prepared:	12/14/2007 1549			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.022</del> 0.053 J	J	0.013	0.053

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3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Date Sampled: 12/11/2007 1020

Client Matrix: Solid

% Moisture: 12.2

Date Received: 12/11/2007 1820

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522027.D
Dilution:	1.0		Initial Weight/Volume:	30.01 g
Date Analyzed:	12/21/2007 0123		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U	0.43	3.8
4,4'-DDE		3.8	U	0.49	3.8
4,4'-DDT		3.8	U	0.35	3.8
Aldrin		2.3	U	0.41	2.3
alpha-BHC		1.9	U	0.31	1.9
beta-BHC		1.9	U	0.31	1.9
delta-BHC		1.9	U	0.12	1.9
Dieldrin		3.8	U	0.37	3.8
Endosulfan I		1.9	U	0.17	1.9
Endosulfan II		3.8	U	0.19	3.8
Endosulfan sulfate		3.8	U	0.20	3.8
Endrin		5.7	U	1.0	5.7
Endrin aldehyde		3.8	U	0.37	3.8
Endrin ketone		3.8	U	0.16	3.8
gamma-BHC (Lindane)		1.9	U	0.17	1.9
Heptachlor		1.9	U	0.17	1.9
Heptachlor epoxide		1.9	U	0.13	1.9
Methoxychlor		19	U	2.4	19
Toxaphene		76	U	2.0	76
alpha-Chlordane		1.9	U	0.13	1.9
gamma-Chlordane		0.24* 1.9U	J	0.10	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	25 - 159
Tetrachloro-m-xylene	97	24 - 154

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522027.D
Dilution:	1.0		Initial Weight/Volume:	30.01 g
Date Analyzed:	12/21/2007 0123		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	25 - 159
Tetrachloro-m-xylene	85	24 - 154

*Jan*  
2/28/08

*W 3/4*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Date Sampled: 12/11/2007 1020

Client Matrix: Solid

% Moisture: 12.2

Date Received: 12/11/2007 1820

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12039	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-11947	Lab File ID:	D4667075.d
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	12/19/2007 2028			Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	3.2	19
PCB-1221		38	U	1.7	38
PCB-1232		19	U	2.1	19
PCB-1242		19	U	3.4	19
PCB-1248		19	U	3.1	19
PCB-1254		19	U	1.4	19
PCB-1260		19	U	4.5	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	24 - 154
DCB Decachlorobiphenyl	107	25 - 159

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TestAmerica Connecticut

Client Sample ID: PFH-GP-02(1-1.25)

GC Semivolatiles

Lot-Sample #....: A7L130383-005 Work Order #....: KD46L1AC Matrix.....: SO  
 Date Sampled...: 12/11/07 10:20 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.06 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 13 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	92	ug/kg	42
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.7
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	74	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*Enr*  
*3/6/08*  
*dw 3/12*

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-02(1-1.25)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735479

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 82.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	18.5	18.5	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		82.3	

WJ 3/12

Jan  
3/2/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6662.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1911

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1911

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	21V	47	J*B VJ	2.5	21
Benzene		5.3	U	0.75	5.3
Bromodichloromethane		5.3	U	0.69	5.3
Bromoform		5.3	U	1.8	5.3
Bromomethane		5.3	U	1.6	5.3
Methyl Ethyl Ketone		11	U	3.6	11
Carbon disulfide		5.3	U	0.56	5.3
Carbon tetrachloride		5.3	U	0.75	5.3
Chlorobenzene		5.3	U	0.93	5.3
Chloroethane		5.3	U	1.3	5.3
Chloroform		5.3	U	0.56	5.3
Chloromethane		5.3	U	1.1	5.3
Dibromochloromethane		5.3	U	1.1	5.3
1,1-Dichloroethane		5.3	U	0.69	5.3
1,2-Dichloroethane		5.3	U	1.1	5.3
1,1-Dichloroethene		5.3	U	0.83	5.3
1,2-Dichloropropane		5.3	U	1.0	5.3
cis-1,3-Dichloropropene		5.3	U	0.66	5.3
trans-1,3-Dichloropropene		5.3	U	1.1	5.3
Ethylbenzene		5.3	U	0.75	5.3
2-Hexanone		11	U	2.8	11
Methylene Chloride	21V	3.6	J*B	1.5	21
methyl isobutyl ketone		5.3	U	0.99	5.3
Styrene		5.3	U	1.4	5.3
1,1,2,2-Tetrachloroethane		5.3	U	1.1	5.3
Tetrachloroethene		5.3	U	0.78	5.3
Toluene		5.3	U	0.62	5.3
1,1,1-Trichloroethane		5.3	U	0.77	5.3
1,1,2-Trichloroethane		5.3	U	0.92	5.3
Trichloroethene		5.3	U	1.0	5.3
Vinyl chloride		5.3	U	1.4	5.3
Xylenes, Total		5.3	U	2.6	5.3
cis-1,2-Dichloroethene		5.3	U	0.97	5.3
trans-1,2-Dichloroethene		5.3	U	1.0	5.3

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	49 - 134
4-Bromofluorobenzene	85	36 - 133
Dibromofluoromethane	91	60 - 130
Toluene-d8 (Surr)	77	51 - 137

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3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID: Z3470.D
Dilution:	1.0		Initial Weight/Volume: 15.26 g
Date Analyzed:	12/17/2007 1739		Final Weight/Volume: 1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		340	U	60	340
Acenaphthylene		340	U	65	340
Anthracene		340	U	55	340
Benzo[a]anthracene		340	U	50	340
Benzo[a]pyrene		340	U	44	340
Benzo[b]fluoranthene		340	U	59	340
Benzo[g,h,i]perylene		340	U	67	340
Benzo[k]fluoranthene		340	U	56	340
Bis(2-chloroethoxy)methane		340	U	55	340
Bis(2-chloroethyl)ether		340	U	170	340
Bis(2-ethylhexyl) phthalate	340 U	<del>130</del>	<del>JB</del> ✓	44	340
Butyl benzyl phthalate		340	U	48	340
Carbazole		340	U	58	340
Chrysene		340	U	60	340
Di-n-butyl phthalate		340	U	53	340
Di-n-octyl phthalate		340	U	54	340
4-Bromophenyl phenyl ether		340	U	55	340
4-Chloroaniline		340	U	46	340
2-Chloronaphthalene		340	U	60	340
4-Chlorophenyl phenyl ether		340	U	67	340
Dibenz(a,h)anthracene		340	U	52	340
Dibenzofuran		340	U	60	340
Diethyl phthalate		340	U	85	340
Dimethyl phthalate		340	U	60	340
1,2-Dichlorobenzene		340	U	54	340
1,3-Dichlorobenzene		340	U	55	340
1,4-Dichlorobenzene		340	U	54	340
3,3'-Dichlorobenzidine		690	U	38	690
2,4-Dinitrotoluene		340	U	52	340
2,6-Dinitrotoluene		340	U	140	340
Fluoranthene		340	U	57	340
Fluorene		340	U	58	340
Hexachlorobenzene		340	U	59	340
Hexachlorobutadiene		340	U	65	340
Hexachlorocyclopentadiene		340	U	49	340
Hexachloroethane		340	U	59	340
Indeno[1,2,3-cd]pyrene		340	U	61	340
Isophorone		340	U	70	340
2-Methylnaphthalene		340	U	63	340
Naphthalene		340	U	52	340
2-Nitroaniline		1700	U	46	1700
3-Nitroaniline		1700	U	49	1700
Nitrobenzene		340	U	63	340
N-Nitrosodi-n-propylamine		340	U	77	340

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID:	Z3470.D
Dilution:	1.0		Initial Weight/Volume:	15.26 g
Date Analyzed:	12/17/2007 1739		Final Weight/Volume:	1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		340	U	62	340
Phenanthrene		340	U	56	340
Pyrene		340	U	50	340
1,2,4-Trichlorobenzene		340	U	55	340
4-Chloro-3-methylphenol		340	U	68	340
2-Chlorophenol		340	U	74	340
2-Methylphenol		340	U	54	340
4-Methylphenol		340	U	51	340
2,4-Dichlorophenol		340	U	71	340
2,4-Dimethylphenol		340	U	46	340
2,4-Dinitrophenol		1700	U	230	1700
4,6-Dinitro-2-methylphenol		1700	U	270	1700
2-Nitrophenol		340	U	74	340
4-Nitrophenol		1700	U	160	1700
Pentachlorophenol		1700	U	24	1700
Phenol		340	U	41	340
2,4,5-Trichlorophenol		1700	U	52	1700
2,4,6-Trichlorophenol		340	U	50	340
Benzyl alcohol		340	U	71	340
4-Nitroaniline		690	U	52	690
2,2'-oxybis[1-chloropropane]		340	U	55	340

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	94	32 - 131
2-Fluorophenol	92	25 - 113
2,4,6-Tribromophenol	80	24 - 150
Nitrobenzene-d5	93	25 - 120
Phenol-d5	96	27 - 122
Terphenyl-d14	113	35 - 140

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-11852	Lab File ID:	W121807
Dilution:	1.0		Initial Weight/Volume:	1.25 g
Date Analyzed:	12/18/2007 1427		Final Weight/Volume:	250 mL
Date Prepared:	12/14/2007 0955			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.2	U	0.32	3.2
Aluminum		621		9.7	106
Arsenic		8.5	U	1.4	8.5
Barium		5.6 J✓		0.23	2.1
Beryllium		2.1	U	0.49	2.1
Calcium		34.6	J✓	13.1	211
Cadmium		5.3	U	0.97	5.3
Cobalt		2.1	U	0.55	2.1
Chromium		1.8	J✓	0.36	3.2
Copper		0.81	J✓	0.46	5.3
Iron		1280 J✓		10.4	63.4
Potassium		70.6	J✓	25.4	211
Magnesium		128 J✓		6.6	37.0
Manganese		32.1 J✓		0.70	6.3
Sodium		211	U	20.1	211
Nickel		1.2	J	0.46	5.3
Lead		1.6	J	0.89	5.3
Antimony		10.6	U	1.5	10.6
Selenium		10.6	U	1.7	10.6
Thallium		15.8	U	2.3	15.8
Vanadium		1.5	J	0.34	4.2
Zinc		4.6	J	2.3	21.1

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 220-11901	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-11880	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.64 g
Date Analyzed:	12/15/2007 1645		Final Weight/Volume:	50 mL
Date Prepared:	12/14/2007 1549			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.015 0.050 U	J✓	0.013	0.050

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

**8081A Organochlorine Pesticides by Gas Chromatography**

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522028.D
Dilution:	1.0		Initial Weight/Volume:	30.07 g
Date Analyzed:	12/21/2007 0144		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.5	U	0.40	3.5
4,4'-DDE		3.5	U	0.46	3.5
4,4'-DDT		3.5	U	0.33	3.5
Aldrin		2.1	U	0.38	2.1
alpha-BHC		1.8	U	0.29	1.8
beta-BHC		1.8	U	0.28	1.8
delta-BHC		0.60	J	0.11	1.8
Dieldrin		3.5	U	0.34	3.5
Endosulfan I		1.8	U	0.15	1.8
Endosulfan II		3.5	U	0.18	3.5
Endosulfan sulfate		3.5	U	0.18	3.5
Endrin		5.3	U	0.94	5.3
Endrin aldehyde		3.5	U	0.34	3.5
Endrin ketone		3.5	U	0.15	3.5
gamma-BHC (Lindane)		1.8	U	0.16	1.8
Heptachlor		1.8	U	0.16	1.8
Heptachlor epoxide		1.8	U	0.12	1.8
Methoxychlor		18	U	2.2	18
Toxaphene		71	U	1.8	71
alpha-Chlordane		1.8	U	0.12	1.8
gamma-Chlordane		1.8	U	0.096	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	25 - 159
Tetrachloro-m-xylene	39	24 - 154

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	C7522028.D
Dilution:	1.0		Initial Weight/Volume:	30.07 g
Date Analyzed:	12/21/2007 0144		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	25 - 159
Tetrachloro-m-xylene	38	24 - 154

JW  
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2/26/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Date Sampled: 12/11/2007 1345

Client Matrix: Solid

% Moisture: 5.4

Date Received: 12/11/2007 1820

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-12039

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-11947

Lab File ID: D4667076.d

Dilution: 1.0

Initial Weight/Volume: 30.07 g

Date Analyzed: 12/19/2007 2045

Final Weight/Volume: 10.0 mL

Date Prepared: 12/18/2007 0907

Injection Volume: 1 µL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U	3.0	18
PCB-1221		35	U	1.6	35
PCB-1232		18	U	2.0	18
PCB-1242		18	U	3.2	18
PCB-1248		18	U	2.8	18
PCB-1254		18	U	1.3	18
PCB-1260		18	U	4.2	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	48	24 - 154
DCB Decachlorobiphenyl	109	25 - 159

JW  
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Jan  
2/26/08



TestAmerica Connecticut

Client Sample ID: PFH-GP-02(23.5-25)

GC Semivolatiles

Lot-Sample #....: A7L130383-006 Work Order #....: KD46P1AC Matrix.....: SO  
 Date Sampled....: 12/11/07 13:45 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.08 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 5.6 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	85	ug/kg	38
2,4,5-TP	ND	21	ug/kg	2.3
2,4,5-T	ND	21	ug/kg	3.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	79	(19 - 122)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

*Handwritten:* 2/16/08 403/12

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-02(23.5-25)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735480

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 73.4

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030E/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	21.6	21.6	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		73.4	

W3/12

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3/2/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Date Sampled: 12/11/2007 1325

Client Matrix: Solid

% Moisture: 1.6

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6663.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1936

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1936

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	23	B ✓	2.4	20
Benzene		5.1	U	0.72	5.1
Bromodichloromethane		5.1	U	0.66	5.1
Bromoform		5.1	U	1.8	5.1
Bromomethane		5.1	U	1.5	5.1
Methyl Ethyl Ketone		10	U	3.4	10
Carbon disulfide		5.1	U	0.54	5.1
Carbon tetrachloride		5.1	U	0.72	5.1
Chlorobenzene		5.1	U	0.89	5.1
Chloroethane		5.1	U	1.3	5.1
Chloroform		5.1	U	0.54	5.1
Chloromethane		5.1	U ✓	1.0	5.1
Dibromochloromethane		5.1	U	1.1	5.1
1,1-Dichloroethane		5.1	U	0.66	5.1
1,2-Dichloroethane		5.1	U	1.1	5.1
1,1-Dichloroethene		5.1	U	0.80	5.1
1,2-Dichloropropane		5.1	U	0.99	5.1
cis-1,3-Dichloropropene		5.1	U	0.63	5.1
trans-1,3-Dichloropropene		5.1	U	1.1	5.1
Ethylbenzene		5.1	U	0.72	5.1
2-Hexanone		10	U	2.7	10
Methylene Chloride	200	3.6	B ✓	1.4	20
methyl isobutyl ketone		5.1	U	0.96	5.1
Styrene		5.1	U	1.3	5.1
1,1,2,2-Tetrachloroethane		5.1	U	1.1	5.1
Tetrachloroethene		5.1	U	0.75	5.1
Toluene		5.1	U	0.60	5.1
1,1,1-Trichloroethane		5.1	U	0.74	5.1
1,1,2-Trichloroethane		5.1	U	0.88	5.1
Trichloroethene		5.1	U	1.0	5.1
Vinyl chloride		5.1	U	1.3	5.1
Xylenes, Total		5.1	U	2.5	5.1
cis-1,2-Dichloroethene		5.1	U	0.93	5.1
trans-1,2-Dichloroethene		5.1	U	0.98	5.1

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	49 - 134
4-Bromofluorobenzene	78	36 - 133
Dibromofluoromethane	98	60 - 130
Toluene-d8 (Surr)	79	51 - 137

223/12  
EMM  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Date Sampled: 12/11/2007 1325

Client Matrix: Solid

% Moisture: 1.6

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3471.D

Dilution: 1.0

Initial Weight/Volume: 15.09 g

Date Analyzed: 12/17/2007 1803

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	58	330
Acenaphthylene		330	U	63	330
Anthracene		330	U	54	330
Benzo[a]anthracene		330	U	48	330
Benzo[a]pyrene		330	U	43	330
Benzo[b]fluoranthene		330	U	57	330
Benzo[g,h,i]perylene		330	U	65	330
Benzo[k]fluoranthene		330	U	55	330
Bis(2-chloroethoxy)methane		330	U	54	330
Bis(2-chloroethyl)ether		330	U	160	330
Bis(2-ethylhexyl) phthalate	330 U	<del>430</del>	<del>U</del>	43	330
Butyl benzyl phthalate		330	U	47	330
Carbazole		330	U	57	330
Chrysene		330	U	59	330
Di-n-butyl phthalate		330	U	51	330
Di-n-octyl phthalate		330	U	53	330
4-Bromophenyl phenyl ether		330	U	54	330
4-Chloroaniline		330	U	45	330
2-Chloronaphthalene		330	U	58	330
4-Chlorophenyl phenyl ether		330	U	65	330
Dibenz(a,h)anthracene		330	U	50	330
Dibenzofuran		330	U	58	330
Diethyl phthalate		330	U	83	330
Dimethyl phthalate		330	U	59	330
1,2-Dichlorobenzene		330	U	53	330
1,3-Dichlorobenzene		330	U	54	330
1,4-Dichlorobenzene		330	U	52	330
3,3'-Dichlorobenzidine		670	U	37	670
2,4-Dinitrotoluene		330	U	51	330
2,6-Dinitrotoluene		330	U	130	330
Fluoranthene		330	U	55	330
Fluorene		330	U	57	330
Hexachlorobenzene		330	U	57	330
Hexachlorobutadiene		330	U	64	330
Hexachlorocyclopentadiene		330	U	47	330
Hexachloroethane		330	U	58	330
Indeno[1,2,3-cd]pyrene		330	U	59	330
Isophorone		330	U	68	330
2-Methylnaphthalene		330	U	61	330
Naphthalene		330	U	51	330
2-Nitroaniline		1600	U	45	1600
3-Nitroaniline		1600	U	47	1600
Nitrobenzene		330	U	61	330
N-Nitrosodi-n-propylamine		330	U	74	330

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Date Sampled: 12/11/2007 1325

Client Matrix: Solid

% Moisture: 1.6

Date Received: 12/11/2007 1820

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-11954	Instrument ID: HP 6890/5973 GC/MS
Preparation: 3541	Prep Batch: 220-11858	Lab File ID: Z3471.D
Dilution: 1.0		Initial Weight/Volume: 15.09 g
Date Analyzed: 12/17/2007 1803		Final Weight/Volume: 1.0 mL
Date Prepared: 12/14/2007 1111		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		330	U	60	330
Phenanthrene		330	U	55	330
Pyrene		330	U	49	330
1,2,4-Trichlorobenzene		330	U	53	330
4-Chloro-3-methylphenol		330	U	67	330
2-Chlorophenol		330	U	72	330
2-Methylphenol		330	U	53	330
4-Methylphenol		330	U	50	330
2,4-Dichlorophenol		330	U	69	330
2,4-Dimethylphenol		330	U	45	330
2,4-Dinitrophenol		1600	U	220	1600
4,6-Dinitro-2-methylphenol		1600	U	260	1600
2-Nitrophenol		330	U	72	330
4-Nitrophenol		1600	U	150	1600
Pentachlorophenol		1600	U	24	1600
Phenol		330	U	40	330
2,4,5-Trichlorophenol		1600	U	51	1600
2,4,6-Trichlorophenol		330	U	49	330
Benzyl alcohol		330	U	69	330
4-Nitroaniline		670	U	50	670
2,2'-oxybis[1-chloropropane]		330	U	54	330

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	98	32 - 131
2-Fluorophenol	94	25 - 113
2,4,6-Tribromophenol	79	24 - 150
Nitrobenzene-d5	95	25 - 120
Phenol-d5	98	27 - 122
Terphenyl-d14	115	35 - 140

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7  
Client Matrix: Solid

% Moisture: 1.6

Date Sampled: 12/11/2007 1325  
Date Received: 12/11/2007 1820

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B Analysis Batch: 220-12022 Instrument ID: TJA Trace ICAP  
Preparation: 3050B Prep Batch: 220-11852 Lab File ID: W121807  
Dilution: 1.0 Initial Weight/Volume: 1.47 g  
Date Analyzed: 12/18/2007 1431 Final Weight/Volume: 250 mL  
Date Prepared: 12/14/2007 0955

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.6	U	0.26	2.6
Aluminum		994		7.9	86.4
Arsenic		1.9	J	1.2	6.9
Barium		3.4 J ✓		0.19	1.7
Beryllium		1.7	U	0.40	1.7
Calcium		73.9	J	10.7	173
Cadmium		4.3	U	0.79	4.3
Cobalt		1.3	J	0.45	1.7
Chromium		2.1	J	0.29	2.6
Copper		1.5	J	0.38	4.3
Iron		2660 J ✓		8.5	51.8
Potassium		88.4	J	20.7	173
Magnesium		211 J ✓		5.4	30.2
Manganese		85.0 J ✓		0.57	5.2
Sodium		173	U	16.4	173
Nickel		1.4	J	0.38	4.3
Lead		1.1	J	0.73	4.3
Antimony		8.6	U	1.2	8.6
Selenium		8.6	U	1.4	8.6
Thallium		13.0	U	1.9	13.0
Vanadium		2.1	J	0.28	3.5
Zinc		3.1	J	1.9	17.3

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A Analysis Batch: 220-11901 Instrument ID: Perkin Elmer FIMS  
Preparation: 7471A Prep Batch: 220-11880 Lab File ID: N/A  
Dilution: 1.0 Initial Weight/Volume: 0.68 g  
Date Analyzed: 12/15/2007 1646 Final Weight/Volume: 50 mL  
Date Prepared: 12/14/2007 1549

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.014</del> 0.045 U ✓	J	0.011	0.045

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Date Sampled: 12/11/2007 1325

Client Matrix: Solid

% Moisture: 1.6

Date Received: 12/11/2007 1820

**8081A Organochlorine Pesticides by Gas Chromatography**

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522029.D
Dilution:	1.0		Initial Weight/Volume:	30.02 g
Date Analyzed:	12/21/2007 0206		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.4	U	0.39	3.4
4,4'-DDE		3.4	U	0.44	3.4
4,4'-DDT		3.4	U	0.31	3.4
Aldrin		2.0	U	0.36	2.0
alpha-BHC		1.7	U	0.28	1.7
beta-BHC		1.7	U	0.27	1.7
delta-BHC		1.7	U	0.10	1.7
Dieldrin		3.4	U	0.33	3.4
Endosulfan I		1.7	U	0.15	1.7
Endosulfan II		3.4	U	0.17	3.4
Endosulfan sulfate		3.4	U	0.18	3.4
Endrin		5.1	U	0.90	5.1
Endrin aldehyde		3.4	U	0.33	3.4
Endrin ketone		3.4	U	0.15	3.4
gamma-BHC (Lindane)		1.7	U	0.15	1.7
Heptachlor		1.7	U	0.15	1.7
Heptachlor epoxide		1.7	U	0.12	1.7
Methoxychlor		17	U	2.1	17
Toxaphene		68	U	1.8	68
alpha-Chlordane		1.7	U	0.11	1.7
gamma-Chlordane		1.7	U	0.092	1.7

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	25 - 159
Tetrachloro-m-xylene	57	24 - 154

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522029.D
Dilution:	1.0		Initial Weight/Volume:	30.02 g
Date Analyzed:	12/21/2007 0206		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	25 - 159
Tetrachloro-m-xylene	55	24 - 154

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Date Sampled: 12/11/2007 1325

Client Matrix: Solid

% Moisture: 1.6

Date Received: 12/11/2007 1820

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12039	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-11947	Lab File ID:	D4667077.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	12/19/2007 2101			Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		17	U	2.9	17
PCB-1221		34	U	1.6	34
PCB-1232		17	U	1.9	17
PCB-1242		17	U	3.0	17
PCB-1248		17	U	2.7	17
PCB-1254		17	U	1.2	17
PCB-1260		17	U	4.1	17

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	63	24 - 154
DCB Decachlorobiphenyl	108	25 - 159

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Client Sample ID: PFH-GP-03(2-2.25)

GC Semivolatiles

Lot-Sample #....: A7L130383-007 Work Order #....: KD46T1AC Matrix.....: SO  
 Date Sampled....: 12/11/07 13:25 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 6.0 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	85	ug/kg	38
2,4,5-TP	ND	21	ug/kg	2.3
2,4,5-T	ND	21	ug/kg	3.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	78	(19 - 122)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

*Emm*  
*3/16/08*  
*WJ3/12*

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-03(2-2.25)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735481

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 98.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	15.9	15.9	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		98.8	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Date Sampled: 12/12/2007 0950

Client Matrix: Solid

% Moisture: 8.8

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12034

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6686.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/19/2007 1930

Final Weight/Volume: 5 mL

Date Prepared: 12/19/2007 1930

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	20	JB UJ ✓	2.6	22
Benzene		5.5	U	0.78	5.5
Bromodichloromethane		5.5	U	0.71	5.5
Bromoform		5.5	U	1.9	5.5
Bromomethane		5.5	UM ✓	1.7	5.5
Methyl Ethyl Ketone		11	U	3.7	11
Carbon disulfide		5.5	U	0.58	5.5
Carbon tetrachloride		5.5	U	0.78	5.5
Chlorobenzene		5.5	U	0.96	5.5
Chloroethane		5.5	U	1.4	5.5
Chloroform		5.5	U	0.58	5.5
Chloromethane		5.5	U	1.1	5.5
Dibromochloromethane		5.5	U	1.2	5.5
1,1-Dichloroethane		5.5	U	0.71	5.5
1,2-Dichloroethane		5.5	U	1.2	5.5
1,1-Dichloroethene		5.5	U	0.87	5.5
1,2-Dichloropropane		5.5	U	1.1	5.5
cis-1,3-Dichloropropene		5.5	U	0.68	5.5
trans-1,3-Dichloropropene		5.5	U	1.2	5.5
Ethylbenzene		5.5	U	0.78	5.5
2-Hexanone		11	U	2.9	11
Methylene Chloride	220	4.4	JB ✓	1.5	22
methyl isobutyl ketone		5.5	U	1.0	5.5
Styrene		5.5	U	1.4	5.5
1,1,2,2-Tetrachloroethane		5.5	U	1.1	5.5
Tetrachloroethene		5.5	U	0.81	5.5
Toluene		5.5	U	0.65	5.5
1,1,1-Trichloroethane		5.5	U	0.80	5.5
1,1,2-Trichloroethane		5.5	U	0.95	5.5
Trichloroethene		5.5	U	1.1	5.5
Vinyl chloride		5.5	U	1.4	5.5
Xylenes, Total		5.5	U	2.7	5.5
cis-1,2-Dichloroethene		5.5	U	1.0	5.5
trans-1,2-Dichloroethene		5.5	U	1.1	5.5

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	49 - 134
4-Bromofluorobenzene	82	36 - 133
Dibromofluoromethane	87	60 - 130
Toluene-d8 (Surr)	77	51 - 137

403/12  
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3/7/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Date Sampled: 12/12/2007 0950

Client Matrix: Solid

% Moisture: 8.8

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID:	Z3472.D
Dilution:	1.0		Initial Weight/Volume:	15.26 g
Date Analyzed:	12/17/2007 1826		Final Weight/Volume:	1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		360	U	62	360
Acenaphthylene		360	U	68	360
Anthracene		360	U	57	360
Benzo[a]anthracene		360	U	52	360
Benzo[a]pyrene		360	U	45	360
Benzo[b]fluoranthene		360	U	61	360
Benzo[g,h,i]perylene		360	U	69	360
Benzo[k]fluoranthene		360	U	58	360
Bis(2-chloroethoxy)methane		360	U	58	360
Bis(2-chloroethyl)ether		360	U	170	360
Bis(2-ethylhexyl) phthalate		360	U	45	360
Butyl benzyl phthalate		360	U	50	360
Carbazole		360	U	60	360
Chrysene		360	U	62	360
Di-n-butyl phthalate		360	U	55	360
Di-n-octyl phthalate		360	U	56	360
4-Bromophenyl phenyl ether		360	U	58	360
4-Chloroaniline		360	U	48	360
2-Chloronaphthalene		360	U	62	360
4-Chlorophenyl phenyl ether		360	U	70	360
Dibenz(a,h)anthracene		360	U	54	360
Dibenzofuran		360	U	62	360
Diethyl phthalate		360	U	88	360
Dimethyl phthalate		360	U	63	360
1,2-Dichlorobenzene		360	U	56	360
1,3-Dichlorobenzene		360	U	57	360
1,4-Dichlorobenzene		360	U	56	360
3,3'-Dichlorobenzidine		710	U	40	710
2,4-Dinitrotoluene		360	U	54	360
2,6-Dinitrotoluene		360	U	140	360
Fluoranthene		360	U	59	360
Fluorene		360	U	61	360
Hexachlorobenzene		360	U	61	360
Hexachlorobutadiene		360	U	68	360
Hexachlorocyclopentadiene		360	U	51	360
Hexachloroethane		360	U	62	360
Indeno[1,2,3-cd]pyrene		360	U	63	360
Isophorone		360	U	73	360
2-Methylnaphthalene		360	U	65	360
Naphthalene		360	U	54	360
2-Nitroaniline		1700	U	48	1700
3-Nitroaniline		1700	U	51	1700
Nitrobenzene		360	U	65	360
N-Nitrosodi-n-propylamine		360	U	79	360

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Date Sampled: 12/12/2007 0950

Client Matrix: Solid

% Moisture: 8.8

Date Received: 12/13/2007 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3472.D

Dilution: 1.0

Initial Weight/Volume: 15.26 g

Date Analyzed: 12/17/2007 1826

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		360	U	64	360
Phenanthrene		360	U	58	360
Pyrene		360	U	52	360
1,2,4-Trichlorobenzene		360	U	57	360
4-Chloro-3-methylphenol		360	U	71	360
2-Chlorophenol		360	U	77	360
2-Methylphenol		360	U	56	360
4-Methylphenol		360	U	53	360
2,4-Dichlorophenol		360	U	74	360
2,4-Dimethylphenol		360	U	48	360
2,4-Dinitrophenol		1700	U	230	1700
4,6-Dinitro-2-methylphenol		1700	U	280	1700
2-Nitrophenol		360	U	76	360
4-Nitrophenol		1700	U	160	1700
Pentachlorophenol		1700	U	25	1700
Phenol		360	U	42	360
2,4,5-Trichlorophenol		1700	U	54	1700
2,4,6-Trichlorophenol		360	U	52	360
Benzyl alcohol		360	U	74	360
4-Nitroaniline		710	U	53	710
2,2'-oxybis[1-chloropropane]		360	U	58	360

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	80	32 - 131
2-Fluorophenol	77	25 - 113
2,4,6-Tribromophenol	70	24 - 150
Nitrobenzene-d5	78	25 - 120
Phenol-d5	81	27 - 122
Terphenyl-d14	105	35 - 140

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1  
Client Matrix: Solid

% Moisture: 8.8

Date Sampled: 12/12/2007 0950  
Date Received: 12/13/2007 1940

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-11914	Lab File ID:	W121807
Dilution:	1.0		Initial Weight/Volume:	1.20 g
Date Analyzed:	12/18/2007 1838		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2007 1032			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.4	U	0.34	3.4
Aluminum		629		10.5	114
Arsenic		9.1	U	1.6	9.1
Barium		1.9	J ✓	0.25	2.3
Beryllium		2.3	U	0.53	2.3
Calcium		99.5	J ✓	14.2	228
Cadmium		5.7	U	1.1	5.7
Cobalt		2.3	U	0.59	2.3
Chromium		1.3	J ✓	0.39	3.4
Copper		0.86	J ✓	0.50	5.7
Iron		1130 J ✓		11.2	68.5
Potassium		48.8 J ✓	J ✓	27.4	228
Magnesium		75.5 J ✓		7.1	40.0
Manganese		18.5 J		0.75	6.8
Sodium		<del>41.6</del> 2280 J ✓	J ✓	21.7	228
Nickel		0.84	J ✓	0.50	5.7
Lead		5.7	U	0.96	5.7
Antimony		11.4	U	1.6	11.4
Selenium		11.4	U	1.9	11.4
Thallium		17.1	U	2.5	17.1
Vanadium		1.4	J	0.37	4.6
Zinc		4.9	J	2.5	22.8

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 220-12203	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12165	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.67 g
Date Analyzed:	12/27/2007 1519		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1503			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.049	U	0.012	0.049

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Client Matrix: Solid

% Moisture: 8.8

Date Sampled: 12/12/2007 0950

Date Received: 12/13/2007 1940

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12052	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11862	Lab File ID:	D7521018.D
Dilution:	1.0		Initial Weight/Volume:	30.53 g
Date Analyzed:	12/19/2007 2043		Final Weight/Volume:	10.0 mL
Date Prepared:	12/14/2007 1143		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.6	UJ ✓	0.41	3.6
4,4'-DDE		3.6	U	0.47	3.6
4,4'-DDT		3.6	U	0.33	3.6
Aldrin		2.2	U	0.38	2.2
alpha-BHC		1.8	U	0.30	1.8
beta-BHC		1.8	U	0.29	1.8
delta-BHC		1.8	U	0.11	1.8
Dieldrin		3.6	UJ ✓	0.35	3.6
Endosulfan I		1.8	UJ ✓	0.16	1.8
Endosulfan II		3.6	UJ ✓	0.18	3.6
Endosulfan sulfate		3.6	U	0.19	3.6
Endrin		5.4	UJ ✓	0.96	5.4
Endrin aldehyde		3.6	UJ ✓	0.35	3.6
Endrin ketone		3.6	UJ ✓	0.16	3.6
gamma-BHC (Lindane)		1.8	UJ ✓	0.16	1.8
Heptachlor		1.8	UJ ✓	0.16	1.8
Heptachlor epoxide		1.8	U	0.12	1.8
Methoxychlor		18	U	2.3	18
Toxaphene		72	U	1.9	72
alpha-Chlordane		1.8	U	0.12	1.8
gamma-Chlordane		0.11	J	0.098	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	130	25 - 159
Tetrachloro-m-xylene	113	24 - 154

Method:	8081A	Analysis Batch: 220-12052	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11862	Lab File ID:	D7521018.D
Dilution:	1.0		Initial Weight/Volume:	30.53 g
Date Analyzed:	12/19/2007 2043		Final Weight/Volume:	10.0 mL
Date Prepared:	12/14/2007 1143		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	25 - 159
Tetrachloro-m-xylene	110	24 - 154

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Client Matrix: Solid

% Moisture: 8.8

Date Sampled: 12/12/2007 0950

Date Received: 12/13/2007 1940

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-11952

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-11862

Lab File ID: D4666096.d

Dilution: 1.0

Initial Weight/Volume: 30.53 g

Date Analyzed: 12/17/2007 1543

Final Weight/Volume: 10.0 mL

Date Prepared: 12/14/2007 1143

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U	3.0	18
PCB-1221		36	U	1.6	36
PCB-1232		18	U	2.0	18
PCB-1242		18	U	3.2	18
PCB-1248		18	U	2.9	18
PCB-1254		18	U	1.3	18
PCB-1260		18	U	4.3	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	76	24 - 154
DCB Decachlorobiphenyl	84	25 - 159

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Client Sample ID: PFH-GP-03(23.5-25)

GC Semivolatiles

Lot-Sample #...: A7L150193-001 Work Order #...: KD9MP1AC Matrix.....: SO  
Date Sampled...: 12/12/07 09:50 Date Received...: 12/15/07  
Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
Prep Batch #...: 7352046  
Dilution Factor: 1 Initial Wgt/Vol: 50.08 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 16 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	96	ug/kg	43
2,4,5-TP	ND	24	ug/kg	2.6
2,4,5-T	ND	24	ug/kg	3.8
PERCENT		RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	46	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

EMM  
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# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-03(23.5-25)

Lab Name: TAL BURLINGTON

Contract: 220-3652-1

SDG No.: 220-3652

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735629

Matrix: SOLID

Client: STLCTS

Date Received: 12/15/07

% Solids: 90.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/18/07	BLKSU121807A	mg/Kg	1	16.5	16.5	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		90.1	

Printed on: 12/22/07 12:59 PM

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3/3/08

Duplicate of:  
PFH-GP-03 (23.5-25)

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Date Sampled: 12/12/2007 1700

Client Matrix: Solid

% Moisture: 6.9

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12034

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6689.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/19/2007 2046

Final Weight/Volume: 5 mL

Date Prepared: 12/19/2007 2046

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	210	-20	JB- v Jv	2.5	21
Benzene		5.4	U	0.76	5.4
Bromodichloromethane		5.4	U	0.70	5.4
Bromoform		5.4	U	1.9	5.4
Bromomethane		5.4	UM ✓	1.6	5.4
Methyl Ethyl Ketone		11	U	3.6	11
Carbon disulfide		5.4	U	0.57	5.4
Carbon tetrachloride		5.4	U	0.76	5.4
Chlorobenzene		5.4	U	0.95	5.4
Chloroethane		5.4	U	1.4	5.4
Chloroform		5.4	U	0.57	5.4
Chloromethane		5.4	U	1.1	5.4
Dibromochloromethane		5.4	U	1.1	5.4
1,1-Dichloroethane		5.4	U	0.70	5.4
1,2-Dichloroethane		5.4	U	1.2	5.4
1,1-Dichloroethene		5.4	U	0.85	5.4
1,2-Dichloropropane		5.4	U	1.0	5.4
cis-1,3-Dichloropropene		5.4	U	0.67	5.4
trans-1,3-Dichloropropene		5.4	U	1.1	5.4
Ethylbenzene		5.4	U	0.76	5.4
2-Hexanone		11	U	2.8	11
Methylene Chloride	210	4.1	JB ✓	1.5	21
methyl isobutyl ketone		5.4	U	1.0	5.4
Styrene		5.4	U	1.4	5.4
1,1,2,2-Tetrachloroethane		5.4	U	1.1	5.4
Tetrachloroethene		5.4	U	0.80	5.4
Toluene		5.4	U	0.63	5.4
1,1,1-Trichloroethane		5.4	U	0.78	5.4
1,1,2-Trichloroethane		5.4	U	0.93	5.4
Trichloroethene		5.4	U	1.1	5.4
Vinyl chloride		5.4	U	1.4	5.4
Xylenes, Total		5.4	U	2.6	5.4
cis-1,2-Dichloroethene		5.4	U	0.99	5.4
trans-1,2-Dichloroethene		5.4	U	1.0	5.4

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	49 - 134
4-Bromofluorobenzene	80	36 - 133
Dibromofluoromethane	88	60 - 130
Toluene-d8 (Surr)	75	51 - 137

103/12  
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Duplicate of  
PFH-GP-03 (23.5-25)

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Date Sampled: 12/12/2007 1700

Client Matrix: Solid

% Moisture: 6.9

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID:	Z3475.D
Dilution:	1.0		Initial Weight/Volume:	15.39 g
Date Analyzed:	12/17/2007 1937		Final Weight/Volume:	1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		350	U	60	350
Acenaphthylene		350	U	66	350
Anthracene		350	U	56	350
Benzo[a]anthracene		350	U	50	350
Benzo[a]pyrene		350	U	44	350
Benzo[b]fluoranthene		350	U	59	350
Benzo[g,h,i]perylene		350	U	68	350
Benzo[k]fluoranthene		350	U	57	350
Bis(2-chloroethoxy)methane		350	U	56	350
Bis(2-chloroethyl)ether		350	U	170	350
Bis(2-ethylhexyl) phthalate		350	U	44	350
Butyl benzyl phthalate		350	U	48	350
Carbazole		350	U	59	350
Chrysene		350	U	61	350
Di-n-butyl phthalate		350	U	53	350
Di-n-octyl phthalate		350	U	55	350
4-Bromophenyl phenyl ether		350	U	56	350
4-Chloroaniline		350	U	46	350
2-Chloronaphthalene		350	U	60	350
4-Chlorophenyl phenyl ether		350	U	68	350
Dibenz(a,h)anthracene		350	U	52	350
Dibenzofuran		350	U	61	350
Diethyl phthalate		350	U	86	350
Dimethyl phthalate		350	U	61	350
1,2-Dichlorobenzene		350	U	55	350
1,3-Dichlorobenzene		350	U	56	350
1,4-Dichlorobenzene		350	U	54	350
3,3'-Dichlorobenzidine		690	U	39	690
2,4-Dinitrotoluene		350	U	53	350
2,6-Dinitrotoluene		350	U	140	350
Fluoranthene		350	U	57	350
Fluorene		350	U	59	350
Hexachlorobenzene		350	U	60	350
Hexachlorobutadiene		350	U	66	350
Hexachlorocyclopentadiene		350	U	49	350
Hexachloroethane		350	U	60	350
Indeno[1,2,3-cd]pyrene		350	U	61	350
Isophorone		350	U	71	350
2-Methylnaphthalene		350	U	63	350
Naphthalene		350	U	53	350
2-Nitroaniline		1700	U	47	1700
3-Nitroaniline		1700	U	49	1700
Nitrobenzene		350	U	64	350
N-Nitrosodi-n-propylamine		350	U	77	350

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Duplicate of  
PFH-GP-03(23.5-25)

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Date Sampled: 12/12/2007 1700

Client Matrix: Solid

% Moisture: 6.9

Date Received: 12/13/2007 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3475.D

Dilution: 1.0

Initial Weight/Volume: 15.39 g

Date Analyzed: 12/17/2007 1937

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		350	U	62	350
Phenanthrene		350	U	57	350
Pyrene		350	U	51	350
1,2,4-Trichlorobenzene		350	U	55	350
4-Chloro-3-methylphenol		350	U	69	350
2-Chlorophenol		350	U	75	350
2-Methylphenol		350	U	55	350
4-Methylphenol		350	U	52	350
2,4-Dichlorophenol		350	U	72	350
2,4-Dimethylphenol		350	U	46	350
2,4-Dinitrophenol		1700	U ✓	230	1700
4,6-Dinitro-2-methylphenol		1700	U	270	1700
2-Nitrophenol		350	U	74	350
4-Nitrophenol		1700	U	160	1700
Pentachlorophenol		1700	U	24	1700
Phenol		350	U	41	350
2,4,5-Trichlorophenol		1700	U	52	1700
2,4,6-Trichlorophenol		350	U	50	350
Benzyl alcohol		350	U	72	350
4-Nitroaniline		690	U	52	690
2,2'-oxybis[1-chloropropane]		350	U	56	350

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	97	32 - 131
2-Fluorophenol	94	25 - 113
2,4,6-Tribromophenol	82	24 - 150
Nitrobenzene-d5	95	25 - 120
Phenol-d5	97	27 - 122
Terphenyl-d14	117	35 - 140

ERM  
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Duplicate of.  
PFH-GP-03(235-25)

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4  
Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 12/12/2007 1700

Date Received: 12/13/2007 1940

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 12/18/2007 1852  
Date Prepared: 12/17/2007 1032

Analysis Batch: 220-12022  
Prep Batch: 220-11914

Instrument ID: TJA Trace ICAP  
Lab File ID: W121807  
Initial Weight/Volume: 1.08 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.7	U	0.37	3.7
Aluminum		522		11.4	124
Arsenic		2.1	J	1.7	9.9
Barium		2.5 J✓		0.27	2.5
Beryllium		2.5	U	0.57	2.5
Calcium		22.5	J	15.4	249
Cadmium		6.2	U	1.1	6.2
Cobalt		2.5	U	0.65	2.5
Chromium		2.4	J	0.42	3.7
Copper		0.80	J	0.55	6.2
Iron		4070 J✓		12.2	74.6
Potassium		47.3	J	29.8	249
Magnesium		58.4 J✓		7.7	43.5
Manganese		42.6 J✓		0.82	7.5
Sodium		249	U	23.6	249
Nickel		0.90	J	0.55	6.2
Lead		6.2	U	1.0	6.2
Antimony		12.4	U	1.7	12.4
Selenium		12.4	U	2.0	12.4
Thallium		18.7	U	2.7	18.7
Vanadium		3.8	J	0.40	5.0
Zinc		7.5	J	2.7	24.9

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 12/27/2007 1526  
Date Prepared: 12/26/2007 1503

Analysis Batch: 220-12203  
Prep Batch: 220-12165

Instrument ID: Perkin Elmer FIMS  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.051	U	0.013	0.051

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Jan 3/3/08

Duplicate of  
PFH-GP-03 (23.5-25)

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 12/12/2007 1700

Date Received: 12/13/2007 1940

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 220-12052

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-11862

Lab File ID: D7521021.D

Dilution: 1.0

Initial Weight/Volume: 30.82 g

Date Analyzed: 12/19/2007 2147

Final Weight/Volume: 10.0 mL

Date Prepared: 12/14/2007 1143

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.5	UJ ✓	0.40	3.5
4,4'-DDE		3.5	U	0.45	3.5
4,4'-DDT		3.5	U	0.32	3.5
Aldrin		2.1	U	0.37	2.1
alpha-BHC		1.8	U	0.29	1.8
beta-BHC		1.8	U	0.28	1.8
delta-BHC		1.8	U	0.11	1.8
Dieldrin		3.5	UJ ✓	0.34	3.5
Endosulfan I		1.8	UJ ✓	0.15	1.8
Endosulfan II		3.5	UJ ✓	0.18	3.5
Endosulfan sulfate		3.5	U	0.18	3.5
Endrin		5.2	UJ ✓	0.93	5.2
Endrin aldehyde		3.5	UJ ✓	0.34	3.5
Endrin ketone		3.5	UJ ✓	0.15	3.5
gamma-BHC (Lindane)		1.8	UJ ✓	0.16	1.8
Heptachlor		1.8	UJ ✓	0.16	1.8
Heptachlor epoxide		1.8	U	0.12	1.8
Methoxychlor		18	U	2.2	18
Toxaphene		70	U	1.8	70
alpha-Chlordane		1.8	U	0.12	1.8
gamma-Chlordane		1.8	U	0.095	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	128	25 - 159
Tetrachloro-m-xylene	107	24 - 154

Method: 8081A      Analysis Batch: 220-12052      Instrument ID: HP 5890 with dual ECD  
Preparation: 3550B      Prep Batch: 220-11862      Lab File ID: D7521021.D  
Dilution: 1.0      Initial Weight/Volume: 30.82 g  
Date Analyzed: 12/19/2007 2147      Final Weight/Volume: 10.0 mL  
Date Prepared: 12/14/2007 1143      Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	25 - 159
Tetrachloro-m-xylene	106	24 - 154

203/14

Am  
2/28/08

Duplicate of  
PFH-GP-03(235-25)

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 12/12/2007 1700

Date Received: 12/13/2007 1940

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-11952

Instrument ID: HP 5890 with dual ECD

Preparation: 3550B

Prep Batch: 220-11862

Lab File ID: D4666099.d

Dilution: 1.0

Initial Weight/Volume: 30.82 g

Date Analyzed: 12/17/2007 1633

Final Weight/Volume: 10.0 mL

Date Prepared: 12/14/2007 1143

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U	2.9	18
PCB-1221		35	U	1.6	35
PCB-1232		18	U	1.9	18
PCB-1242		18	U	3.1	18
PCB-1248		18	U	2.8	18
PCB-1254		18	U	1.3	18
PCB-1260		18	U	4.2	18

Surrogate

%Rec

Acceptance Limits

Tetrachloro-m-xylene

62

24 - 154

DCB Decachlorobiphenyl

70

25 - 159

103/14

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2/27/08



Duplicate of  
PFH-GP-03(23.5-25)

TestAmerica Connecticut

Client Sample ID: PFH-GP-XX-121207

GC Semivolatiles

Lot-Sample #....: A7L150193-004 Work Order #....: KD9M01AC Matrix.....: SO  
Date Sampled....: 12/12/07 17:00 Date Received...: 12/15/07  
Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
Prep Batch #....: 7352046  
Dilution Factor: 1 Initial Wgt/Vol: 50.06 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 14 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	93	ug/kg	42
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.7

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	78	(19 - 122)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

EM  
3/8/08

403/12

Duplicate of  
PFH-GP-03 (235-25)

**WET CHEMISTRY**  
**Sample Report Summary**

Client Sample No.

PFH-GP-XX-121207

Lab Name: TAL BURLINGTON

Contract: 220-3652-1

SDG No.: 220-3652

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735632

Matrix: SOLID

Client: STLCTS

Date Received: 12/15/07

% Solids: 96.2

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/18/07	BLKSU121807A	mg/Kg	1	16.3	16.3	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		96.2	

Printed on: 12/22/07 12:59 PM

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3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Date Sampled: 12/12/2007 1130

Client Matrix: Solid

% Moisture: 1.3

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12034

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6687.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/19/2007 1955

Final Weight/Volume: 5 mL

Date Prepared: 12/19/2007 1955

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	200	16	JB ✓	2.4	20
Benzene		5.1	U	0.72	5.1
Bromodichloromethane		5.1	U	0.66	5.1
Bromoform		5.1	U	1.8	5.1
Bromomethane		5.1	UM ✓	1.5	5.1
Methyl Ethyl Ketone		10	U	3.4	10
Carbon disulfide		5.1	U	0.54	5.1
Carbon tetrachloride		5.1	U	0.72	5.1
Chlorobenzene		5.1	U	0.89	5.1
Chloroethane		5.1	U	1.3	5.1
Chloroform		5.1	U	0.54	5.1
Chloromethane		5.1	U	1.0	5.1
Dibromochloromethane		5.1	U	1.1	5.1
1,1-Dichloroethane		5.1	U	0.66	5.1
1,2-Dichloroethane		5.1	U	1.1	5.1
1,1-Dichloroethene		5.1	U	0.80	5.1
1,2-Dichloropropane		5.1	U	0.98	5.1
cis-1,3-Dichloropropene		5.1	U	0.63	5.1
trans-1,3-Dichloropropene		5.1	U	1.1	5.1
Ethylbenzene		5.1	U	0.72	5.1
2-Hexanone		10	U	2.7	10
Methylene Chloride	200	3.3	JB ✓	1.4	20
methyl isobutyl ketone		5.1	U	0.95	5.1
Styrene		5.1	U	1.3	5.1
1,1,2,2-Tetrachloroethane		5.1	U	1.1	5.1
Tetrachloroethene		5.1	U	0.75	5.1
Toluene		5.1	U	0.60	5.1
1,1,1-Trichloroethane		5.1	U	0.74	5.1
1,1,2-Trichloroethane		5.1	U	0.88	5.1
Trichloroethene		5.1	U	1.0	5.1
Vinyl chloride		5.1	U	1.3	5.1
Xylenes, Total		5.1	U	2.5	5.1
cis-1,2-Dichloroethene		5.1	U	0.93	5.1
trans-1,2-Dichloroethene		5.1	U	0.97	5.1

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	49 - 134
4-Bromofluorobenzene	79	36 - 133
Dibromofluoromethane	90	60 - 130
Toluene-d8 (Surr)	80	51 - 137

EMM  
3/7/08  
W3/10

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Date Sampled: 12/12/2007 1130

Client Matrix: Solid

% Moisture: 1.3

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3473.D

Dilution: 1.0

Initial Weight/Volume: 15.18 g

Date Analyzed: 12/17/2007 1850

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	58	330
Acenaphthylene		330	U	63	330
Anthracene		330	U	53	330
Benzo[a]anthracene		330	U	48	330
Benzo[a]pyrene		330	U	42	330
Benzo[b]fluoranthene		330	U	57	330
Benzo[g,h,i]perylene		330	U	65	330
Benzo[k]fluoranthene		330	U	54	330
Bis(2-chloroethoxy)methane		330	U	53	330
Bis(2-chloroethyl)ether		330	U	160	330
Bis(2-ethylhexyl) phthalate	3300	140	J-B	42	330
Butyl benzyl phthalate		330	U	46	330
Carbazole		330	U	56	330
Chrysene		330	U	58	330
Di-n-butyl phthalate		330	U	51	330
Di-n-octyl phthalate		330	U	52	330
4-Bromophenyl phenyl ether		330	U	53	330
4-Chloroaniline		330	U	44	330
2-Chloronaphthalene		330	U	58	330
4-Chlorophenyl phenyl ether		330	U	65	330
Dibenz(a,h)anthracene		330	U	50	330
Dibenzofuran		330	U	58	330
Diethyl phthalate		330	U	82	330
Dimethyl phthalate		330	U	58	330
1,2-Dichlorobenzene		330	U	52	330
1,3-Dichlorobenzene		330	U	53	330
1,4-Dichlorobenzene		330	U	52	330
3,3'-Dichlorobenzidine		660	U	37	660
2,4-Dinitrotoluene		330	U	50	330
2,6-Dinitrotoluene		330	U	130	330
Fluoranthene		330	U	55	330
Fluorene		330	U	56	330
Hexachlorobenzene		330	U	57	330
Hexachlorobutadiene		330	U	63	330
Hexachlorocyclopentadiene		330	U	47	330
Hexachloroethane		330	U	57	330
Indeno[1,2,3-cd]pyrene		330	U	59	330
Isophorone		330	U	68	330
2-Methylnaphthalene		330	U	61	330
Naphthalene		330	U	50	330
2-Nitroaniline		1600	U	45	1600
3-Nitroaniline		1600	U	47	1600
Nitrobenzene		330	U	61	330
N-Nitrosodi-n-propylamine		330	U	74	330

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Date Sampled: 12/12/2007 1130

Client Matrix: Solid

% Moisture: 1.3

Date Received: 12/13/2007 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-11954	Instrument ID: HP 6890/5973 GC/MS
Preparation: 3541	Prep Batch: 220-11858	Lab File ID: Z3473.D
Dilution: 1.0		Initial Weight/Volume: 15.18 g
Date Analyzed: 12/17/2007 1850		Final Weight/Volume: 1.0 mL
Date Prepared: 12/14/2007 1111		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		330	U	60	330
Phenanthrene		330	U	54	330
Pyrene		330	U	48	330
1,2,4-Trichlorobenzene		330	U	53	330
4-Chloro-3-methylphenol		330	U	66	330
2-Chlorophenol		330	U	71	330
2-Methylphenol		330	U	52	330
4-Methylphenol		330	U	50	330
2,4-Dichlorophenol		330	U	69	330
2,4-Dimethylphenol		330	U	44	330
2,4-Dinitrophenol		1600	U	220	1600
4,6-Dinitro-2-methylphenol		1600	U	260	1600
2-Nitrophenol		330	U	71	330
4-Nitrophenol		1600	U	150	1600
Pentachlorophenol		1600	U	23	1600
Phenol		330	U	39	330
2,4,5-Trichlorophenol		1600	U	50	1600
2,4,6-Trichlorophenol		330	U	48	330
Benzyl alcohol		330	U	69	330
4-Nitroaniline		660	U	50	660
2,2'-oxybis[1-chloropropane]		330	U	53	330

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	88	32 - 131
2-Fluorophenol	84	25 - 113
2,4,6-Tribromophenol	72	24 - 150
Nitrobenzene-d5	86	25 - 120
Phenol-d5	86	27 - 122
Terphenyl-d14	107	35 - 140

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Client Matrix: Solid

% Moisture: 1.3

Date Sampled: 12/12/2007 1130

Date Received: 12/13/2007 1940

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B

Preparation: 3050B

Dilution: 1.0

Date Analyzed: 12/18/2007 1843

Date Prepared: 12/17/2007 1032

Analysis Batch: 220-12022

Prep Batch: 220-11914

Instrument ID:

TJA Trace ICAP

Lab File ID:

W121807

Initial Weight/Volume:

1.12 g

Final Weight/Volume:

250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.4	U	0.34	3.4
Aluminum		1440		10.4	113
Arsenic		9.0	U	1.5	9.0
Barium		3.8 J✓		0.25	2.3
Beryllium		2.3	U	0.52	2.3
Calcium		57.1	J✓	14.0	226
Cadmium		5.7	U	1.0	5.7
Cobalt		1.3	J✓	0.59	2.3
Chromium		3.4 J✓		0.38	3.4
Copper		2.2	J	0.50	5.7
Iron		4350 J✓		11.1	67.8
Potassium		85.6	J	27.1	226
Magnesium		290 J✓		7.0	39.6
Manganese		89.2 J✓		0.75	6.8
Sodium		<del>22.9</del> 226 U✓	J	21.5	226
Nickel		1.9	J	0.50	5.7
Lead		4.6 J✓	J	0.95	5.7
Antimony		11.3	U	1.6	11.3
Selenium		11.3	U	1.9	11.3
Thallium		17.0	U	2.5	17.0
Vanadium		3.6	J	0.36	4.5
Zinc		4.8	J	2.5	22.6

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A

Preparation: 7471A

Dilution: 1.0

Date Analyzed: 12/27/2007 1520

Date Prepared: 12/26/2007 1503

Analysis Batch: 220-12203

Prep Batch: 220-12165

Instrument ID:

Perkin Elmer FIMS

Lab File ID:

N/A

Initial Weight/Volume:

0.64 g

Final Weight/Volume:

50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.047	U	0.012	0.047

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Client Matrix: Solid

% Moisture: 1.3

Date Sampled: 12/12/2007 1130

Date Received: 12/13/2007 1940

**8081A Organochlorine Pesticides by Gas Chromatography**

Method:	8081A	Analysis Batch: 220-12052	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11862	Lab File ID:	D7521019.D
Dilution:	1.0		Initial Weight/Volume:	30.20 g
Date Analyzed:	12/19/2007 2104		Final Weight/Volume:	10.0 mL
Date Prepared:	12/14/2007 1143		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.3	UJ ✓	0.38	3.3
4,4'-DDE		3.3	U	0.44	3.3
4,4'-DDT		3.3	U	0.31	3.3
Aldrin		2.0	U	0.36	2.0
alpha-BHC		1.7	U	0.28	1.7
beta-BHC		1.7	U	0.27	1.7
delta-BHC		1.7	U	0.10	1.7
Dieldrin		3.3	UJ ✓	0.32	3.3
Endosulfan I		1.7	UJ ✓	0.15	1.7
Endosulfan II		3.3	UJ ✓	0.17	3.3
Endosulfan sulfate		3.3	U	0.17	3.3
Endrin		5.0	UJ ✓	0.90	5.0
Endrin aldehyde		3.3	UJ ✓	0.32	3.3
Endrin ketone		3.3	UJ ✓	0.14	3.3
gamma-BHC (Lindane)		1.7	UJ ✓	0.15	1.7
Heptachlor		1.7	UJ ✓	0.15	1.7
Heptachlor epoxide		1.7	U	0.11	1.7
Methoxychlor		17	U	2.1	17
Toxaphene		67	U	1.8	67
alpha-Chlordane		1.7	U	0.11	1.7
gamma-Chlordane		0.093 1.7U	J ✓	0.092	1.7

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	123	25 - 159
Tetrachloro-m-xylene	126	24 - 154

Method:	8081A	Analysis Batch: 220-12052	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11862	Lab File ID:	D7521019.D
Dilution:	1.0		Initial Weight/Volume:	30.20 g
Date Analyzed:	12/19/2007 2104		Final Weight/Volume:	10.0 mL
Date Prepared:	12/14/2007 1143		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	25 - 159
Tetrachloro-m-xylene	121	24 - 154

JO 3/14

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2/28/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Client Matrix: Solid

% Moisture: 1.3

Date Sampled: 12/12/2007 1130

Date Received: 12/13/2007 1940

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Preparation: 3550B

Dilution: 1.0

Date Analyzed: 12/17/2007 1600

Date Prepared: 12/14/2007 1143

Analysis Batch: 220-11952

Prep Batch: 220-11862

Instrument ID: HP 5890 with dual ECD

Lab File ID: D4666097.d

Initial Weight/Volume: 30.20 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		17	U	2.8	17
PCB-1221		33	U	1.5	33
PCB-1232		17	U	1.9	17
PCB-1242		17	U	3.0	17
PCB-1248		17	U	2.7	17
PCB-1254		17	U	1.2	17
PCB-1260		17	U	4.0	17

Surrogate

%Rec

Acceptance Limits

Tetrachloro-m-xylene

85

24 - 154

DCB Decachlorobiphenyl

84

25 - 159

31/14

2/27/08



TestAmerica Connecticut

Client Sample ID: PFH-GP-04(2.5-3)

GC Semivolatiles

Lot-Sample #....: A7L150193-002 Work Order #....: KD9MT1AC Matrix.....: SO  
 Date Sampled...: 12/12/07 11:30 Date Received...: 12/15/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.11 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 2.3 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	82	ug/kg	37
2,4,5-TP	ND	20	ug/kg	2.3
2,4,5-T	ND	20	ug/kg	3.3
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	52	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Emm  
3/8/08  
JO 3/12

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-04(2.5-3)

Lab Name: TAL BURLINGTON

Contract: 220-3652-1

SDG No.: 220-3652

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735630

Matrix: SOLID

Client: STLCTS

Date Received: 12/15/07

% Solids: 99.6

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/18/07	BLKSU121807A	mg/Kg	1	14.3	14.3	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		99.6	

Printed on: 12/22/07 12:59 PM

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3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Date Sampled: 12/12/2007 1555

Client Matrix: Solid

% Moisture: 12.1

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12034

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6688.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Date Analyzed: 12/19/2007 2021

Final Weight/Volume: 5 mL

Date Prepared: 12/19/2007 2021

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	47	J-B ✓	2.7	23
Benzene		5.7	U	0.81	5.7
Bromodichloromethane		5.7	U	0.74	5.7
Bromoform		5.7	U	2.0	5.7
Bromomethane		5.7	U	1.7	5.7
Methyl Ethyl Ketone		11	U	3.8	11
Carbon disulfide		5.7	U	0.60	5.7
Carbon tetrachloride		5.7	U	0.81	5.7
Chlorobenzene		5.7	U	1.0	5.7
Chloroethane		5.7	U	1.4	5.7
Chloroform		5.7	U	0.60	5.7
Chloromethane		5.7	U	1.1	5.7
Dibromochloromethane		5.7	U	1.2	5.7
1,1-Dichloroethane		5.7	U	0.74	5.7
1,2-Dichloroethane		5.7	U	1.2	5.7
1,1-Dichloroethene		5.7	U	0.90	5.7
1,2-Dichloropropane		5.7	U	1.1	5.7
cis-1,3-Dichloropropene		5.7	U	0.71	5.7
trans-1,3-Dichloropropene		5.7	U	1.2	5.7
Ethylbenzene		5.7	U	0.81	5.7
2-Hexanone		11	U	3.0	11
Methylene Chloride	230	5.8	J-B ✓	1.6	23
methyl isobutyl ketone		5.7	U	1.1	5.7
Styrene		5.7	U	1.5	5.7
1,1,2,2-Tetrachloroethane		5.7	U	1.2	5.7
Tetrachloroethene		5.7	U	0.84	5.7
Toluene		5.7	U	0.67	5.7
1,1,1-Trichloroethane		5.7	U	0.83	5.7
1,1,2-Trichloroethane		5.7	U	0.99	5.7
Trichloroethene		5.7	U	1.1	5.7
Vinyl chloride		5.7	U	1.5	5.7
Xylenes, Total		5.7	U	2.8	5.7
cis-1,2-Dichloroethene		5.7	U	1.0	5.7
trans-1,2-Dichloroethene		5.7	U	1.1	5.7

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	49 - 134
4-Bromofluorobenzene	81	36 - 133
Dibromofluoromethane	88	60 - 130
Toluene-d8 (Surr)	79	51 - 137

103/12  
EM  
3/7/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Date Sampled: 12/12/2007 1555

Client Matrix: Solid

% Moisture: 12.1

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3474.D

Dilution: 1.0

Initial Weight/Volume: 15.31 g

Date Analyzed: 12/17/2007 1914

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		370	U	64	370
Acenaphthylene		370	U	70	370
Anthracene		370	U	59	370
Benzo[a]anthracene		370	U	54	370
Benzo[a]pyrene		370	U	47	370
Benzo[b]fluoranthene		370	U	63	370
Benzo[g,h,i]perylene		370	U	72	370
Benzo[k]fluoranthene		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	60	370
Bis(2-chloroethyl)ether		370	U	180	370
Bis(2-ethylhexyl) phthalate		370	U	47	370
Butyl benzyl phthalate		370	U	52	370
Carbazole		370	U	63	370
Chrysene		370	U	65	370
Di-n-butyl phthalate		370	U	57	370
Di-n-octyl phthalate		370	U	58	370
4-Bromophenyl phenyl ether		370	U	60	370
4-Chloroaniline		370	U	49	370
2-Chloronaphthalene		370	U	64	370
4-Chlorophenyl phenyl ether		370	U	72	370
Dibenz(a,h)anthracene		370	U	56	370
Dibenzofuran		370	U	64	370
Diethyl phthalate		370	U	91	370
Dimethyl phthalate		370	U	65	370
1,2-Dichlorobenzene		370	U	58	370
1,3-Dichlorobenzene		370	U	59	370
1,4-Dichlorobenzene		370	U	58	370
3,3'-Dichlorobenzidine		740	U	41	740
2,4-Dinitrotoluene		370	U	56	370
2,6-Dinitrotoluene		370	U	150	370
Fluoranthene		370	U	61	370
Fluorene		370	U	63	370
Hexachlorobenzene		370	U	63	370
Hexachlorobutadiene		370	U	70	370
Hexachlorocyclopentadiene		370	U	52	370
Hexachloroethane		370	U	64	370
Indeno[1,2,3-cd]pyrene		370	U	65	370
Isophorone		370	U	75	370
2-Methylnaphthalene		370	U	67	370
Naphthalene		370	U	56	370
2-Nitroaniline		1800	U	50	1800
3-Nitroaniline		1800	U	52	1800
Nitrobenzene		370	U	68	370
N-Nitrosodi-n-propylamine		370	U	82	370

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Date Sampled: 12/12/2007 1555

Client Matrix: Solid

% Moisture: 12.1

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID: Z3474.D
Dilution:	1.0		Initial Weight/Volume: 15.31 g
Date Analyzed:	12/17/2007 1914		Final Weight/Volume: 1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		370	U	66	370
Phenanthrene		370	U	61	370
Pyrene		370	U	54	370
1,2,4-Trichlorobenzene		370	U	59	370
4-Chloro-3-methylphenol		370	U	73	370
2-Chlorophenol		370	U	79	370
2-Methylphenol		370	U	58	370
4-Methylphenol		370	U	55	370
2,4-Dichlorophenol		370	U	76	370
2,4-Dimethylphenol		370	U	49	370
2,4-Dinitrophenol		1800	U	240	1800
4,6-Dinitro-2-methylphenol		1800	U	280	1800
2-Nitrophenol		370	U	79	370
4-Nitrophenol		1800	U	170	1800
Pentachlorophenol		1800	U	26	1800
Phenol		370	U	44	370
2,4,5-Trichlorophenol		1800	U	56	1800
2,4,6-Trichlorophenol		370	U	54	370
Benzyl alcohol		370	U	76	370
4-Nitroaniline		740	U	55	740
2,2'-oxybis[1-chloropropane]		370	U	60	370

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	100	32 - 131
2-Fluorophenol	99	25 - 113
2,4,6-Tribromophenol	87	24 - 150
Nitrobenzene-d5	99	25 - 120
Phenol-d5	104	27 - 122
Terphenyl-d14	127	35 - 140

Emm  
3/8/08 J03/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1  
Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3  
Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 12/12/2007 1555  
Date Received: 12/13/2007 1940

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch: 220-11914	Lab File ID:	W121807
Dilution:	1.0		Initial Weight/Volume:	1.04 g
Date Analyzed:	12/18/2007 1847		Final Weight/Volume:	250 mL
Date Prepared:	12/17/2007 1032			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		4.1	U	0.41	4.1
Aluminum		743		12.6	137
Arsenic		10.9	U	1.9	10.9
Barium		2.6	J	0.30	2.7
Beryllium		2.7	U	0.63	2.7
Calcium		26.7	J	17.0	274
Cadmium		6.8	U	1.3	6.8
Cobalt		2.7	U	0.71	2.7
Chromium		1.7	J	0.47	4.1
Copper		0.74	J	0.60	6.8
Iron		1890 J✓		13.4	82.1
Potassium		46.1	J	32.8	274
Magnesium		150 J✓		8.5	47.9
Manganese		41.8 J✓		0.90	8.2
Sodium		274	U	26.0	274
Nickel		1.1	J	0.60	6.8
Lead		6.8	U	1.1	6.8
Antimony		13.7	U	1.9	13.7
Selenium		13.7	U	2.2	13.7
Thallium		20.5	U	3.0	20.5
Vanadium		1.6	J	0.44	5.5
Zinc		27.4	U	3.0	27.4

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 220-12203	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch: 220-12165	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.61 g
Date Analyzed:	12/27/2007 1525		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1503			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.056	U	0.014	0.056

203114

Jan 3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1  
Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 12/12/2007 1555

Date Received: 12/13/2007 1940

## 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Preparation: 3550B

Dilution: 1.0

Date Analyzed: 12/19/2007 2126

Date Prepared: 12/14/2007 1143

Analysis Batch: 220-12052

Prep Batch: 220-11862

Instrument ID: HP 5890 with dual ECD

Lab File ID: D7521020.D

Initial Weight/Volume: 30.20 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.7	UJ ✓	0.43	3.7
4,4'-DDE		3.7	U	0.49	3.7
4,4'-DDT		3.7	U	0.35	3.7
Aldrin		2.3	U	0.40	2.3
alpha-BHC		1.9	U	0.31	1.9
beta-BHC		1.9	U	0.30	1.9
delta-BHC		1.9	U	0.12	1.9
Dieldrin		3.7	UJ ✓	0.36	3.7
Endosulfan I		1.9	UJ ✓	0.17	1.9
Endosulfan II		3.7	UJ ✓	0.19	3.7
Endosulfan sulfate		3.7	U	0.20	3.7
Endrin		5.7	UJ ✓	1.0	5.7
Endrin aldehyde		3.7	UJ ✓	0.37	3.7
Endrin ketone		3.7	UJ ✓	0.16	3.7
gamma-BHC (Lindane)		1.9	UJ ✓	0.17	1.9
Heptachlor		1.9	UJ ✓	0.17	1.9
Heptachlor epoxide		1.9	U	0.13	1.9
Methoxychlor		19	U	2.4	19
Toxaphene		76	U	2.0	76
alpha-Chlordane		1.9	U	0.12	1.9
gamma-Chlordane		1.9	U	0.10	1.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	132	25 - 159
Tetrachloro-m-xylene	108	24 - 154

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/19/2007 2126  
Date Prepared: 12/14/2007 1143

Analysis Batch: 220-12052  
Prep Batch: 220-11862

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7521020.D  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	122	25 - 159
Tetrachloro-m-xylene	108	24 - 154

003114  
Jan 2/28/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 12/12/2007 1555

Date Received: 12/13/2007 1940

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Preparation: 3550B

Dilution: 1.0

Date Analyzed: 12/17/2007 1616

Date Prepared: 12/14/2007 1143

Analysis Batch: 220-11952

Prep Batch: 220-11862

Instrument ID: HP 5890 with dual ECD

Lab File ID: D4666098.d

Initial Weight/Volume: 30.20 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	3.2	19
PCB-1221		37	U	1.7	37
PCB-1232		19	U	2.1	19
PCB-1242		19	U	3.4	19
PCB-1248		19	U	3.0	19
PCB-1254		19	U	1.4	19
PCB-1260		19	U	4.5	19

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	68	24 - 154
DCB Decachlorobiphenyl	81	25 - 159

W3/14  
Jan 2/27/08



TestAmerica Connecticut

Client Sample ID: PFH-GP-04(25-26)

GC Semivolatiles

Lot-Sample #....: A7L150193-003 Work Order #....: KD9MW1AC Matrix.....: SO  
 Date Sampled...: 12/12/07 15:55 Date Received...: 12/15/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 12 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	91	ug/kg	41
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.7
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	78	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Emm  
3/8/08  
JG3/12

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-04(25-26)

Lab Name: TAL BURLINGTON

Contract: 220-3652-1

SDG No.: 220-3652

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735631

Matrix: SOLID

Client: STLCTS

Date Received: 12/15/07

% Solids: 77.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/18/07	BLKSU121807A	mg/Kg	1	20.1	20.1	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		77.0	

12/23/14

Jan  
3/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Date Sampled: 12/10/2007 1450

Client Matrix: Solid

% Moisture: 16.2

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6659.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1755

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1755

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24.0	20	J*B	2.8	24
Benzene		6.0	U	0.85	6.0
Bromodichloromethane		6.0	U	0.78	6.0
Bromoform		6.0	U	2.1	6.0
Bromomethane		6.0	U	1.8	6.0
Methyl Ethyl Ketone		12	U	4.0	12
Carbon disulfide		6.0	U	0.63	6.0
Carbon tetrachloride		6.0	U	0.85	6.0
Chlorobenzene		6.0	U	1.0	6.0
Chloroethane		6.0	U	1.5	6.0
Chloroform		6.0	U	0.63	6.0
Chloromethane		6.0	U	1.2	6.0
Dibromochloromethane		6.0	U	1.3	6.0
1,1-Dichloroethane		6.0	U	0.78	6.0
1,2-Dichloroethane		6.0	U	1.3	6.0
1,1-Dichloroethene		6.0	U	0.94	6.0
1,2-Dichloropropane		6.0	U	1.2	6.0
cis-1,3-Dichloropropene		6.0	U	0.74	6.0
trans-1,3-Dichloropropene		6.0	U	1.3	6.0
Ethylbenzene		6.0	U	0.85	6.0
2-Hexanone		12	U	3.1	12
Methylene Chloride	24.0	5.3	J*B	1.7	24
methyl isobutyl ketone		6.0	U	1.1	6.0
Styrene		1.7	J	1.5	6.0
1,1,2,2-Tetrachloroethane		6.0	U	1.2	6.0
Tetrachloroethene	6.0	0.90	J*B	0.88	6.0
Toluene		6.0	U	0.70	6.0
1,1,1-Trichloroethane		6.0	U	0.87	6.0
1,1,2-Trichloroethane		6.0	U	1.0	6.0
Trichloroethene		6.0	U	1.2	6.0
Vinyl chloride		6.0	U	1.6	6.0
Xylenes, Total		6.0	U	2.9	6.0
cis-1,2-Dichloroethene		6.0	U	1.1	6.0
trans-1,2-Dichloroethene		6.0	U	1.1	6.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	49 - 134
4-Bromofluorobenzene	86	36 - 133
Dibromofluoromethane	99	60 - 130
Toluene-d8 (Surr)	85	51 - 137

2/3/12

EMM  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Date Sampled: 12/10/2007 1450

Client Matrix: Solid

% Moisture: 16.2

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3467.D

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Date Analyzed: 12/17/2007 1628

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		390	U	69	390
Acenaphthylene		390	U	75	390
Anthracene		390	U	63	390
Benzo[a]anthracene		390	U	57	390
Benzo[a]pyrene		390	U	50	390
Benzo[b]fluoranthene		390	U	67	390
Benzo[g,h,i]perylene		390	U	77	390
Benzo[k]fluoranthene		390	U	64	390
Bis(2-chloroethoxy)methane		390	U	64	390
Bis(2-chloroethyl)ether		390	U	190	390
Bis(2-ethylhexyl) phthalate		390	U	50	390
Butyl benzyl phthalate		390	U	55	390
Carbazole		390	U	67	390
Chrysene		390	U	69	390
Di-n-butyl phthalate		390	U	61	390
Di-n-octyl phthalate		390	U	62	390
4-Bromophenyl phenyl ether		390	U	64	390
4-Chloroaniline		390	U	52	390
2-Chloronaphthalene		390	U	68	390
4-Chlorophenyl phenyl ether		390	U	77	390
Dibenz(a,h)anthracene		390	U	60	390
Dibenzofuran		390	U	69	390
Diethyl phthalate		390	U	97	390
Dimethyl phthalate		390	U	69	390
1,2-Dichlorobenzene		390	U	62	390
1,3-Dichlorobenzene		390	U	63	390
1,4-Dichlorobenzene		390	U	61	390
3,3'-Dichlorobenzidine		790	U	44	790
2,4-Dinitrotoluene		390	U	60	390
2,6-Dinitrotoluene		390	U	160	390
Fluoranthene		390	U	65	390
Fluorene		390	U	67	390
Hexachlorobenzene		390	U	68	390
Hexachlorobutadiene		390	U	75	390
Hexachlorocyclopentadiene		390	U	56	390
Hexachloroethane		390	U	68	390
Indeno[1,2,3-cd]pyrene		390	U	70	390
Isophorone		390	U	81	390
2-Methylnaphthalene		390	U	72	390
Naphthalene		390	U	60	390
2-Nitroaniline		1900	U	53	1900
3-Nitroaniline		1900	U	56	1900
Nitrobenzene		390	U	72	390
N-Nitrosodi-n-propylamine		390	U	88	390

WJ3/12  
EMM  
3/1/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Date Sampled: 12/10/2007 1450

Client Matrix: Solid

% Moisture: 16.2

Date Received: 12/11/2007 1820

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3467.D

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Date Analyzed: 12/17/2007 1628

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		390	U	71	390
Phenanthrene		390	U	65	390
Pyrene		390	U	57	390
1,2,4-Trichlorobenzene		390	U	63	390
4-Chloro-3-methylphenol		390	U	78	390
2-Chlorophenol		390	U	85	390
2-Methylphenol		390	U	62	390
4-Methylphenol		390	U	59	390
2,4-Dichlorophenol		390	U	82	390
2,4-Dimethylphenol		390	U	53	390
2,4-Dinitrophenol		1900	U	260	1900
4,6-Dinitro-2-methylphenol		1900	U	300	1900
2-Nitrophenol		390	U	84	390
4-Nitrophenol		1900	U	180	1900
Pentachlorophenol		1900	U	28	1900
Phenol		390	U	47	390
2,4,5-Trichlorophenol		1900	U	60	1900
2,4,6-Trichlorophenol		390	U	57	390
Benzyl alcohol		390	U	82	390
4-Nitroaniline		790	U	59	790
2,2'-oxybis[1-chloropropane]		390	U	64	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	99	32 - 131
2-Fluorophenol	97	25 - 113
2,4,6-Tribromophenol	83	24 - 150
Nitrobenzene-d5	96	25 - 120
Phenol-d5	102	27 - 122
Terphenyl-d14	118	35 - 140

403/12  
ERM  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Client Matrix: Solid

% Moisture: 16.2

Date Sampled: 12/10/2007 1450

Date Received: 12/11/2007 1820

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch:	220-12022	Instrument ID:	TJA Trace ICAP
Preparation:	3050B	Prep Batch:	220-11852	Lab File ID:	W121807
Dilution:	1.0			Initial Weight/Volume:	1.25 g
Date Analyzed:	12/18/2007 1413			Final Weight/Volume:	250 mL
Date Prepared:	12/14/2007 0955				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		3.6	U	0.36	3.6
Aluminum		19100		11.0	119
Arsenic		6.5	J ✓	1.6	9.5
Barium		37.8	J ✓	0.26	2.4
Beryllium		0.59	J ✓	0.55	2.4
Calcium		221	J ✓	14.8	239
Cadmium		6.0	U	1.1	6.0
Cobalt		8.7	J ✓	0.62	2.4
Chromium		21.6	J ✓	0.41	3.6
Copper		8.8	J ✓	0.52	6.0
Iron		20900	J ✓	11.7	71.6
Potassium		618	J ✓	28.6	239
Magnesium		2750	J ✓	7.4	41.7
Manganese		242	J ✓	0.79	7.2
Sodium		<del>54.5</del> 239	J ✓	22.7	239
Nickel		13.8		0.52	6.0
Lead		12.0	J ✓	1.0	6.0
Antimony		11.9	U	1.6	11.9
Selenium		11.9	U	2.0	11.9
Thallium		17.9	U	2.6	17.9
Vanadium		32.5		0.38	4.8
Zinc		35.2		2.6	23.9

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch:	220-11901	Instrument ID:	Perkin Elmer FIMS
Preparation:	7471A	Prep Batch:	220-11880	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Date Analyzed:	12/15/2007 1642			Final Weight/Volume:	50 mL
Date Prepared:	12/14/2007 1549				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.039</del> 0.055	J ✓	0.014	0.055

WJ 3/4  
Jam 3/3/08

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Date Sampled: 12/10/2007 1450

Client Matrix: Solid

% Moisture: 16.2

Date Received: 12/11/2007 1820

**8081A Organochlorine Pesticides by Gas Chromatography**

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/21/2007 0040  
Date Prepared: 12/18/2007 0907

Analysis Batch: 220-12056  
Prep Batch: 220-11947

Instrument ID: HP 5890 with dual ECD  
Lab File ID: D7522025.D  
Initial Weight/Volume: 30.07 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.9	U	0.45	3.9
4,4'-DDE		3.9	U	0.52	3.9
4,4'-DDT		3.9	U	0.37	3.9
Aldrin		2.4	U	0.42	2.4
alpha-BHC		2.0	U	0.33	2.0
beta-BHC		2.0	U	0.32	2.0
delta-BHC		2.0	U	0.12	2.0
Dieldrin		3.9	U	0.38	3.9
Endosulfan I		2.0	U	0.17	2.0
Endosulfan II		3.9	U	0.20	3.9
Endosulfan sulfate		3.9	U	0.21	3.9
Endrin		5.9	U	1.1	5.9
Endrin aldehyde		3.9	U	0.38	3.9
Endrin ketone		3.9	U	0.17	3.9
gamma-BHC (Lindane)		2.0	U	0.18	2.0
Heptachlor		2.0	U	0.18	2.0
Heptachlor epoxide		2.0	U	0.14	2.0
Methoxychlor		20	U	2.5	20
Toxaphene		80	U	2.1	80
alpha-Chlordane		2.0	U	0.13	2.0
gamma-Chlordane		<del>0.20</del> 2.00 ✓	<del>U</del>	0.11	2.0

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	25 - 159
Tetrachloro-m-xylene	100	24 - 154

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 12/21/2007 0040  
Date Prepared: 12/18/2007 0907

Analysis Batch: 220-12056  
Prep Batch: 220-11947

Instrument ID: HP 5890 with dual ECD  
Lab File ID: C7522025.D  
Initial Weight/Volume: 30.07 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	25 - 159
Tetrachloro-m-xylene	88	24 - 154

*Jan*  
*2/26/08**3/7*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(0.75-1.75)

Lab Sample ID: 220-3621-3

Client Matrix: Solid

% Moisture: 16.2

Date Sampled: 12/10/2007 1450

Date Received: 12/11/2007 1820

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Preparation: 3550B

Dilution: 1.0

Date Analyzed: 12/19/2007 1904

Date Prepared: 12/18/2007 0907

Analysis Batch: 220-12039

Prep Batch: 220-11947

Instrument ID: HP 5890 with dual ECD

Lab File ID: D4667070.d

Initial Weight/Volume: 30.07 g

Final Weight/Volume: 10.0 mL

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	3.3	20
PCB-1221		39	U	1.8	39
PCB-1232		20	U	2.2	20
PCB-1242		20	U	3.6	20
PCB-1248		20	U	3.2	20
PCB-1254		20	U	1.4	20
PCB-1260		20	U	4.7	20

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	91	24 - 154
DCB Decachlorobiphenyl	106	25 - 159

WJ/A

2/26/08



TestAmerica Connecticut

Client Sample ID: PFH-GP-05(0.75-1.75)

GC Semivolatiles

Lot-Sample #...: A7L130383-003 Work Order #...: KD46A1AC Matrix.....: SO  
 Date Sampled...: 12/10/07 14:50 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #...: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.1 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 17 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	97	ug/kg	44
2,4,5-TP	ND	24	ug/kg	2.7
2,4,5-T	ND	24	ug/kg	3.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	71	(19 - 122)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Enm  
3/6/08

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# WET CHEMISTRY

## Sample Report Summary

Client Sample No.  
PFH-GP-05(0.75-1.75)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735477

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 85.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	18.6	18.6	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		85.1	

*803/12*

*Jan 3/3/08*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Date Sampled: 12/11/2007 1030

Client Matrix: Solid

% Moisture: 7.5

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12033

Instrument ID: HP 5890/5971A GC/MS

Preparation: 5030B

Lab File ID: N6660.D

Dilution: 1.0

Initial Weight/Volume: mL

Date Analyzed: 12/18/2007 1820

Final Weight/Volume: mL

Date Prepared: 12/18/2007 1820

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	✓ 49	J-B	2.5	22
Benzene		5.4	U	0.77	5.4
Bromodichloromethane		5.4	U	0.70	5.4
Bromoform		5.4	U	1.9	5.4
Bromomethane		5.4	U	1.6	5.4
Methyl Ethyl Ketone		11	U	3.6	11
Carbon disulfide		5.4	U	0.57	5.4
Carbon tetrachloride		5.4	U	0.77	5.4
Chlorobenzene		5.4	U	0.95	5.4
Chloroethane		5.4	U	1.4	5.4
Chloroform		5.4	U	0.57	5.4
Chloromethane		5.4	✓ U	1.1	5.4
Dibromochloromethane		5.4	U	1.2	5.4
1,1-Dichloroethane		5.4	U	0.70	5.4
1,2-Dichloroethane		5.4	U	1.2	5.4
1,1-Dichloroethene		5.4	U	0.85	5.4
1,2-Dichloropropane		5.4	U	1.0	5.4
cis-1,3-Dichloropropene		5.4	U	0.67	5.4
trans-1,3-Dichloropropene		5.4	U	1.2	5.4
Ethylbenzene		5.4	U	0.77	5.4
2-Hexanone		11	U	2.9	11
Methylene Chloride	220	3.8	J-B	1.5	22
methyl isobutyl ketone		5.4	U	1.0	5.4
Styrene		5.4	U	1.4	5.4
1,1,2,2-Tetrachloroethane		5.4	U	1.1	5.4
Tetrachloroethene		5.4	U	0.80	5.4
Toluene		5.4	U	0.64	5.4
1,1,1-Trichloroethane		5.4	U	0.79	5.4
1,1,2-Trichloroethane		5.4	U	0.94	5.4
Trichloroethene		5.4	U	1.1	5.4
Vinyl chloride		5.4	U	1.4	5.4
Xylenes, Total		5.4	U	2.6	5.4
cis-1,2-Dichloroethene		5.4	U	0.99	5.4
trans-1,2-Dichloroethene		5.4	U	1.0	5.4

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	49 - 134
4-Bromofluorobenzene	75	36 - 133
Dibromofluoromethane	81	60 - 130
Toluene-d8 (Surr)	69	51 - 137

WJ 3/12

EMM  
3/16/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Date Sampled: 12/11/2007 1030

Client Matrix: Solid

% Moisture: 7.5

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-11954	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3541	Prep Batch: 220-11858	Lab File ID: Z3468.D
Dilution:	1.0		Initial Weight/Volume: 15.13 g
Date Analyzed:	12/17/2007 1652		Final Weight/Volume: 1.0 mL
Date Prepared:	12/14/2007 1111		Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		350	U	62	350
Acenaphthylene		350	U	67	350
Anthracene		350	U	57	350
Benzo[a]anthracene		350	U	51	350
Benzo[a]pyrene		350	U	45	350
Benzo[b]fluoranthene		350	U	61	350
Benzo[g,h,i]perylene		350	U	69	350
Benzo[k]fluoranthene		350	U	58	350
Bis(2-chloroethoxy)methane		350	U	57	350
Bis(2-chloroethyl)ether		350	U	170	350
Bis(2-ethylhexyl) phthalate	350v	460	J-B✓	45	350
Butyl benzyl phthalate		350	U	50	350
Carbazole		350	U	60	350
Chrysene		350	U	62	350
Di-n-butyl phthalate		350	U	55	350
Di-n-octyl phthalate		350	U	56	350
4-Bromophenyl phenyl ether		350	U	57	350
4-Chloroaniline		350	U	47	350
2-Chloronaphthalene		350	U	62	350
4-Chlorophenyl phenyl ether		350	U	69	350
Dibenz(a,h)anthracene		350	U	54	350
Dibenzofuran		350	U	62	350
Diethyl phthalate		350	U	88	350
Dimethyl phthalate		350	U	62	350
1,2-Dichlorobenzene		350	U	56	350
1,3-Dichlorobenzene		350	U	57	350
1,4-Dichlorobenzene		350	U	55	350
3,3'-Dichlorobenzidine		710	U	39	710
2,4-Dinitrotoluene		350	U	54	350
2,6-Dinitrotoluene		350	U	140	350
Fluoranthene		350	U	59	350
Fluorene		350	U	60	350
Hexachlorobenzene		350	U	61	350
Hexachlorobutadiene		350	U	67	350
Hexachlorocyclopentadiene		350	U	50	350
Hexachloroethane		350	U	61	350
Indeno[1,2,3-cd]pyrene		350	U	63	350
Isophorone		350	U	73	350
2-Methylnaphthalene		350	U	65	350
Naphthalene		350	U	54	350
2-Nitroaniline		1700	U	48	1700
3-Nitroaniline		1700	U	50	1700
Nitrobenzene		350	U	65	350
N-Nitrosodi-n-propylamine		350	U	79	350

W3/12  
EMM  
3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Date Sampled: 12/11/2007 1030

Client Matrix: Solid

% Moisture: 7.5

Date Received: 12/11/2007 1820

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 220-11954

Instrument ID: HP 6890/5973 GC/MS

Preparation: 3541

Prep Batch: 220-11858

Lab File ID: Z3468.D

Dilution: 1.0

Initial Weight/Volume: 15.13 g

Date Analyzed: 12/17/2007 1652

Final Weight/Volume: 1.0 mL

Date Prepared: 12/14/2007 1111

Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
N-Nitrosodiphenylamine		350	U	64	350
Phenanthrene		350	U	58	350
Pyrene		350	U	52	350
1,2,4-Trichlorobenzene		350	U	56	350
4-Chloro-3-methylphenol		350	U	71	350
2-Chlorophenol		350	U	76	350
2-Methylphenol		350	U	56	350
4-Methylphenol		350	U	53	350
2,4-Dichlorophenol		350	U	73	350
2,4-Dimethylphenol		350	U	47	350
2,4-Dinitrophenol		1700	U ✓	230	1700
4,6-Dinitro-2-methylphenol		1700	U	270	1700
2-Nitrophenol		350	U	76	350
4-Nitrophenol		1700	U	160	1700
Pentachlorophenol		1700	U	25	1700
Phenol		350	U	42	350
2,4,5-Trichlorophenol		1700	U	54	1700
2,4,6-Trichlorophenol		350	U	52	350
Benzyl alcohol		350	U	73	350
4-Nitroaniline		710	U	53	710
2,2'-oxybis[1-chloropropane]		350	U	57	350

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	91	32 - 131
2-Fluorophenol	87	25 - 113
2,4,6-Tribromophenol	79	24 - 150
Nitrobenzene-d5	87	25 - 120
Phenol-d5	92	27 - 122
Terphenyl-d14	112	35 - 140

W 3/12

Enm  
3/6/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 12/11/2007 1030

Date Received: 12/11/2007 1820

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B

Analysis Batch: 220-12022

Instrument ID: TJA Trace ICAP

Preparation: 3050B

Prep Batch: 220-11852

Lab File ID: W121807

Dilution: 1.0

Initial Weight/Volume: 1.47 g

Date Analyzed: 12/18/2007 1417

Final Weight/Volume: 250 mL

Date Prepared: 12/14/2007 0955

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.8	U	0.28	2.8
Aluminum		533		8.5	91.9
Arsenic		7.4	U	1.3	7.4
Barium		3.1 J ✓		0.20	1.8
Beryllium		1.8	U	0.42	1.8
Calcium		34.9	J	11.4	184
Cadmium		4.6	U	0.85	4.6
Cobalt		0.69	J	0.48	1.8
Chromium		4.4 J ✓		0.31	2.8
Copper		0.73	J	0.40	4.6
Iron		1330 J ✓		9.0	55.2
Potassium		83.1	J	22.1	184
Magnesium		120 J ✓		5.7	32.2
Manganese		23.5 J ✓		0.61	5.5
Sodium		184	U	17.5	184
Nickel		0.95	J	0.40	4.6
Lead		4.6	U	0.77	4.6
Antimony		9.2	U	1.3	9.2
Selenium		9.2	U	1.5	9.2
Thallium		13.8	U	2.0	13.8
Vanadium		1.8	J	0.29	3.7
Zinc		2.2	J	2.0	18.4

### 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A

Analysis Batch: 220-11901

Instrument ID: Perkin Elmer FIMS

Preparation: 7471A

Prep Batch: 220-11880

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 0.62 g

Date Analyzed: 12/15/2007 1643

Final Weight/Volume: 50 mL

Date Prepared: 12/14/2007 1549

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.016</del> 0.052 U ✓	J	0.013	0.052

3/7

Jan  
2/3/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Date Sampled: 12/11/2007 1030

Client Matrix: Solid

% Moisture: 7.5

Date Received: 12/11/2007 1820

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522026.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	12/21/2007 0102		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.6	U	0.41	3.6
4,4'-DDE		3.6	U	0.47	3.6
4,4'-DDT		3.6	U	0.33	3.6
Aldrin		2.2	U	0.38	2.2
alpha-BHC		1.8	U	0.30	1.8
beta-BHC		1.8	U	0.29	1.8
delta-BHC		1.8	U	0.11	1.8
Dieldrin		3.6	U	0.35	3.6
Endosulfan I		1.8	U	0.16	1.8
Endosulfan II		3.6	U	0.18	3.6
Endosulfan sulfate		3.6	U	0.19	3.6
Endrin		5.4	U	0.96	5.4
Endrin aldehyde		3.6	U	0.35	3.6
Endrin ketone		3.6	U	0.16	3.6
gamma-BHC (Lindane)		1.8	U	0.16	1.8
Heptachlor		1.8	U	0.16	1.8
Heptachlor epoxide		1.8	U	0.12	1.8
Methoxychlor		18	U	2.3	18
Toxaphene		72	U	1.9	72
alpha-Chlordane		1.8	U	0.12	1.8
gamma-Chlordane		1.8	U	0.098	1.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	25 - 159
Tetrachloro-m-xylene	35	24 - 154

Method:	8081A	Analysis Batch: 220-12056	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch: 220-11947	Lab File ID:	D7522026.D
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	12/21/2007 0102		Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	82	25 - 159
Tetrachloro-m-xylene	33	24 - 154

2/3/7

2/26/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-GP-05(25-26.5)

Lab Sample ID: 220-3621-4

Date Sampled: 12/11/2007 1030

Client Matrix: Solid

% Moisture: 7.5

Date Received: 12/11/2007 1820

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12039	Instrument ID:	HP 5890 with dual ECD
Preparation:	3550B	Prep Batch:	220-11947	Lab File ID:	D4667074.d
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	12/19/2007 2011			Final Weight/Volume:	10.0 mL
Date Prepared:	12/18/2007 0907			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U	3.0	18
PCB-1221		36	U	1.7	36
PCB-1232		18	U	2.0	18
PCB-1242		18	U	3.2	18
PCB-1248		18	U	2.9	18
PCB-1254		18	U	1.3	18
PCB-1260		18	U	4.3	18

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	37	24 - 154
DCB Decachlorobiphenyl	107	25 - 159

2/3/1

4/26/08



TestAmerica Connecticut

Client Sample ID: PFH-GP-05(25-26.5)

GC Semivolatiles

Lot-Sample #....: A7L130383-004 Work Order #....: KD46F1AC Matrix.....: SO  
 Date Sampled...: 12/11/07 10:30 Date Received...: 12/13/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #....: 7352046  
 Dilution Factor: 1 Initial Wgt/Vol: 50.06 g Final Wgt/Vol...: 100 mL  
 % Moisture.....: 13 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	92	ug/kg	41
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.7
		PERCENT RECOVERY	RECOVERY LIMITS	
SURROGATE				
2,4-Dichlorophenylacetic acid	74		(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

ERM  
3/6/08

W 3/12

# WET CHEMISTRY

## Sample Report Summary

Client Sample No.

PFH-GP-05(25-26.5)

Lab Name: TAL BURLINGTON

Contract: 220-3621-1

SDG No.: 220-3621

Lab Code: TALVT

Case No.: PINELAWN

Lab Sample ID: 735478

Matrix: SOLID

Client: STLCTS

Date Received: 12/13/07

% Solids: 93.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
9030B/9034	Acid Soluble Sulfide	12/17/07	BLKSU121707A	mg/Kg	1	17.0	17.0	U
IN623	Solids, Percent	12/17/07	N/A	%	1.0		93.1	

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3/13/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Client Matrix: Water

Date Sampled: 12/17/2007 1120

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12136

Instrument ID: HP 5890/5971 GC/MS

Preparation: 5030B

Lab File ID: L3277.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/22/2007 1209

Final Weight/Volume: 5 mL

Date Prepared: 12/22/2007 1209

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U <i>UJ✓</i>	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	72	53 - 125
4-Bromofluorobenzene	96	73 - 127
Dibromofluoromethane	74	54 - 137
Toluene-d8 (Surr)	74	63 - 121

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EMM  
3/8/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Date Sampled: 12/17/2007 1120

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12436	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	A8137.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/04/2008 1819		Final Weight/Volume:	1.0 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	100 2.0	J	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Date Sampled: 12/17/2007 1120

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-12436	Instrument ID: HP 6890/5975
Preparation: 3510C	Prep Batch: 220-12107	Lab File ID: A8137.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 01/04/2008 1819		Final Weight/Volume: 1.0 mL
Date Prepared: 12/21/2007 1151		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	94	43 - 116
2-Fluorophenol	46	21 - 97
2,4,6-Tribromophenol	103	29 - 126
Nitrobenzene-d5	88	38 - 113
Phenol-d5	33	18 - 97
Terphenyl-d14	112	10 - 119

*Errata*  
3/8/08 WJ 3/12

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Date Sampled: 12/17/2007 1120

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12787	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12725	Lab File ID:	W011808
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	01/18/2008 1546		Final Weight/Volume:	50 mL
Date Prepared:	01/17/2008 0915			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	500	U ✓	84	500
Arsenic	25	U	5.4	25
Barium	62 J ✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	19500		130	300
Cadmium	10	U	1.1	10
Cobalt	10	U	2.1	10
Chromium	10	U	1.9	10
Copper	4.3 10U	J ✓	3.9	10
Iron	160	J ✓	51	200
Potassium	6100		130	400
Magnesium	3500 J ✓		55	100
Manganese	39		5.2	15
Sodium	29400		350	400
Nickel	10	U	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	49	J	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2028		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40	U ✓	0.10 0.20	0.20 0.40

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3/4/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Date Sampled: 12/17/2007 1120

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A	Analysis Batch: 220-12701	Instrument ID: HP 5890 with dual ECD
Preparation: 3510C	Prep Batch: 220-12085	Lab File ID: D7537027.D
Dilution: 1.0		Initial Weight/Volume: 950 mL
Date Analyzed: 01/15/2008 1932		Final Weight/Volume: 10.0 mL
Date Prepared: 12/20/2007 2223		Injection Volume: 1 uL
		Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.16	UJ ✓	0.015	0.16
4,4'-DDE	0.11	U	0.0093	0.11
4,4'-DDT	0.11	UJ ✓	0.011	0.11
Aldrin	0.053	U	0.0061	0.053
alpha-BHC	0.053	U	0.011	0.053
beta-BHC	0.053	U	0.013	0.053
delta-BHC	0.053	U	0.0023	0.053
Dieldrin	0.11	U	0.0060	0.11
Endosulfan I	0.053	U	0.0037	0.053
Endosulfan II	0.11	UJ ✓	0.0037	0.11
Endosulfan sulfate	0.11	U	0.015	0.11
Endrin	0.11	U	0.026	0.11
Endrin aldehyde	0.11	UJ ✓	0.030	0.11
Endrin ketone	0.11	UJ ✓	0.017	0.11
gamma-BHC (Lindane)	0.053	U	0.0055	0.053
Heptachlor	0.053	UJ ✓	0.0082	0.053
Heptachlor epoxide	0.053	U	0.0060	0.053
Methoxychlor	0.53	U	0.043	0.53
Toxaphene	2.6	U	0.23	2.6
alpha-Chlordane	0.053	U	0.0058	0.053
gamma-Chlordane	0.053	U	0.0064	0.053

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	62	29 - 156
Tetrachloro-m-xylene	64	53 - 144

Method: 8081A	Analysis Batch: 220-12701	Instrument ID: HP 5890 with dual ECD
Preparation: 3510C	Prep Batch: 220-12085	Lab File ID: C7537027.D
Dilution: 1.0		Initial Weight/Volume: 950 mL
Date Analyzed: 01/15/2008 1932		Final Weight/Volume: 10.0 mL
Date Prepared: 12/20/2007 2223		Injection Volume: 1 uL
		Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	61	29 - 156
Tetrachloro-m-xylene	67	53 - 144

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2/27/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Client Matrix: Water

Date Sampled: 12/17/2007 1120

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-12085	Lab File ID:	D4671185.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	01/11/2008 1154			Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.53	U	0.076	0.53
PCB-1221	1.1	U	0.24	1.1
PCB-1232	0.53	U	0.11	0.53
PCB-1242	0.53	U	0.12	0.53
PCB-1248	0.53	U	0.15	0.53
PCB-1254	0.53	U	0.039	0.53
PCB-1260	0.53	U	0.067	0.53

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	80	53 - 144
DCB Decachlorobiphenyl	66	29 - 156

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2/27/08



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Client Sample ID: PFH-MW-01

GC Semivolatiles

Lot-Sample #...: A7L200312-004 Work Order #...: KEKXH1AA Matrix.....: WG  
 Date Sampled...: 12/17/07 11:20 Date Received...: 12/20/07  
 Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
 Prep Batch #...: 7356020  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND 0.5	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	82	(32 - 112)		

103/12  
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 3/9/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Client Matrix: Water

Date Sampled: 12/17/2007 1310

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/23/2007 2247  
Date Prepared: 12/23/2007 2247

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Lab File ID: W3297.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.00 <del>0.58</del>	U <del>J*B</del>	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	93	63 - 121

EMM  
3/8/08  
W3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Client Matrix: Water

Date Sampled: 12/17/2007 1310

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	Z3746.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 1835		Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	10	U	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Client Matrix: Water

Date Sampled: 12/17/2007 1310

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID: Z3746.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	01/02/2008 1835		Final Weight/Volume: 1 mL
Date Prepared:	12/21/2007 1151		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	43 - 116
2-Fluorophenol	32	21 - 97
2,4,6-Tribromophenol	83	29 - 126
Nitrobenzene-d5	62	38 - 113
Phenol-d5	22	18 - 97
Terphenyl-d14	92	10 - 119

EMM  
3/8/08  
JW 3/12

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Date Sampled: 12/17/2007 1310

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12040	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1643		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	88	J	84	500
Arsenic	25	U	5.4	25
Barium	43 J ✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	29300		130	300
Cadmium	10	U	1.1	10
Cobalt	3.0	J	2.1	10
Chromium	3.2	J	1.9	10
Copper	10	U	3.9	10
Iron	250		51	200
Potassium	6300		130	400
Magnesium	6600		55	100
Manganese	140		5.2	15
Sodium	47900		350	400
Nickel	3.5	J	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	1.1	J	1.0	5.0
Zinc	14	J	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2005		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40 ✓	U	0.40 0.20	0.20 0.40

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Date Sampled: 12/17/2007 1310

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7537025.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1849		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	UJ ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	0.050	U	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ ✓	0.028	0.10
Endrin ketone	0.10	UJ ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	29 - 156
Tetrachloro-m-xylene	88	53 - 144

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	C7537025.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1849		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	29 - 156
Tetrachloro-m-xylene	84	53 - 144

203/14

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2/27/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Date Sampled: 12/17/2007 1310

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-12619

Instrument ID: HP 5890 with dual ECD

Preparation: 3510C

Prep Batch: 220-12085

Lab File ID: D4671183.d

Dilution: 1.0

Initial Weight/Volume: 1000 mL

Date Analyzed: 01/11/2008 1121

Final Weight/Volume: 10.0 mL

Date Prepared: 12/20/2007 2223

Injection Volume: 1 uL

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate

%Rec

Acceptance Limits

Tetrachloro-m-xylene

103

53 - 144

DCB Decachlorobiphenyl

84

29 - 156

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Jan  
2/27/08

TestAmerica Connecticut

Client Sample ID: PFH-MW-02

GC Semivolatiles

Lot-Sample #...: A7L200312-002 Work Order #...: KEKW61AA Matrix.....: WG  
 Date Sampled...: 12/17/07 13:10 Date Received...: 12/20/07  
 Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
 Prep Batch #...: 7356020  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND 0.5	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	79	(32 - 112)		

12/23/12

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3/9/08



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Client Matrix: Water

Date Sampled: 12/17/2007 1505

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/23/2007 2341  
Date Prepared: 12/23/2007 2341

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Lab File ID: W3299.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0 ✓ 0.40	J+B ✓	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	105	54 - 137
Toluene-d8 (Surr)	94	63 - 121

EM  
3/8/08  
40 3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Client Matrix: Water

Date Sampled: 12/17/2007 1505

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	Z3748.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 1918		Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	100 <del>2.0</del>	J ✓	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Client Matrix: Water

Date Sampled: 12/17/2007 1505

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	Z3748.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 1918		Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	43 - 116
2-Fluorophenol	38	21 - 97
2,4,6-Tribromophenol	92	29 - 126
Nitrobenzene-d5	72	38 - 113
Phenol-d5	26	18 - 97
Terphenyl-d14	96	10 - 119

EHM  
3/8/08  
J03110

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Date Sampled: 12/17/2007 1505

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch:	220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch:	220-12040	Lab File ID:	W122107
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1657			Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	500	U	84	500
Arsenic	25	U	5.4	25
Barium	35 J✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	27900		130	300
Cadmium	10	U	1.1	10
Cobalt	2.3	J	2.1	10
Chromium	2.8	J	1.9	10
Copper	10	U	3.9	10
Iron	240		51	200
Potassium	3600 J✓		130	400
Magnesium	5200		55	100
Manganese	110		5.2	15
Sodium	33900		350	400
Nickel	4.6	J	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	35	J	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch:	220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch:	220-12160	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2031			Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	<del>0.10</del> 0.20	<del>0.20</del> 0.40

203/14  
Jan  
3/4/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Date Sampled: 12/17/2007 1505

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A	Analysis Batch: 220-12701	Instrument ID: HP 5890 with dual ECD
Preparation: 3510C	Prep Batch: 220-12085	Lab File ID: D7537030.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 01/15/2008 2036		Final Weight/Volume: 10.0 mL
Date Prepared: 12/20/2007 2223		Injection Volume: 1 uL
		Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	U f ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	0.0051 J	JM ✓	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ ✓	0.028	0.10
Endrin ketone	0.10	UJ ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	29 - 156
Tetrachloro-m-xylene	104	53 - 144

Method: 8081A	Analysis Batch: 220-12701	Instrument ID: HP 5890 with dual ECD
Preparation: 3510C	Prep Batch: 220-12085	Lab File ID: C7537030.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 01/15/2008 2036		Final Weight/Volume: 10.0 mL
Date Prepared: 12/20/2007 2223		Injection Volume: 1 uL
		Column ID: SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	29 - 156
Tetrachloro-m-xylene	94	53 - 144

203114  
Jan  
2/27/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Client Matrix: Water

Date Sampled: 12/17/2007 1505

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D4671188.d
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/11/2008 1244		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	104	53 - 144
DCB Decachlorobiphenyl	92	29 - 156

2/27/08

2/27/08

TestAmerica Connecticut

Client Sample ID: PFH-MW-03

GC Semivolatiles

Lot-Sample #....: A7L200312-005 Work Order #....: KEK0D1AA Matrix.....: WG  
 Date Sampled....: 12/17/07 15:05 Date Received...: 12/20/07  
 Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
 Prep Batch #....: 7356020  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND <i>UI</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
2,4-Dichlorophenylacetic acid	89	(32 - 112)		

*U0310*

*Em  
3/9/08*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Client Matrix: Water

Date Sampled: 12/17/2007 1325

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/23/2007 2314  
Date Prepared: 12/23/2007 2314

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Lab File ID: W3298.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	0.31	J J	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0 ✓	J * B ✓	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	53 - 125
4-Bromofluorobenzene	93	73 - 127
Dibromofluoromethane	115	54 - 137
Toluene-d8 (Surr)	102	63 - 121

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3/8/08 WJ 3/12



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Date Sampled: 12/17/2007 1325

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID: HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID: Z3747.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	01/02/2008 1856		Final Weight/Volume: 1 mL
Date Prepared:	12/21/2007 1151		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	10	U	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Date Sampled: 12/17/2007 1325

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-12337	Instrument ID: HP 6890/5973 GC/MS
Preparation: 3510C	Prep Batch: 220-12107	Lab File ID: Z3747.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 01/02/2008 1856		Final Weight/Volume: 1 mL
Date Prepared: 12/21/2007 1151		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	43 - 116
2-Fluorophenol	34	21 - 97
2,4,6-Tribromophenol	86	29 - 126
Nitrobenzene-d5	64	38 - 113
Phenol-d5	24	18 - 97
Terphenyl-d14	92	10 - 119

*EM*  
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*WJ3/12*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Date Sampled: 12/17/2007 1325

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12040	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1647		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	340	✓	84	500
Arsenic	25	U	5.4	25
Barium	58 ✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	30500		130	300
Cadmium	10	U	1.1	10
Cobalt	3.9	J	2.1	10
Chromium	25		1.9	10
Copper	6.4	J	3.9	10
Iron	990		51	200
Potassium	6500		130	400
Magnesium	6500		55	100
Manganese	310		5.2	15
Sodium	47000		350	400
Nickel	40		1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	15	J	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2006		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40 ✓	U	0.10 0.20	0.20 0.40

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Client Matrix: Water

Date Sampled: 12/17/2007 1325

Date Received: 12/18/2007 2020

### 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7537026.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1911		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	UJ ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	<del>0.0022</del> 0.050U	J ✓	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ ✓	0.028	0.10
Endrin ketone	0.10	UJ ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	90	53 - 144

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	C7537026.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1911		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	29 - 156
Tetrachloro-m-xylene	86	53 - 144

403/14

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2/27/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Date Sampled: 12/17/2007 1325

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D4671184.d
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/11/2008 1137		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 µL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	104	53 - 144
DCB Decachlorobiphenyl	81	29 - 156

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TestAmerica Connecticut

Client Sample ID: PFH-MW-04

GC Semivolatiles

Lot-Sample #...: A7L200312-003 Work Order #...: KEKXD1AA Matrix.....: WG  
 Date Sampled...: 12/17/07 13:25 Date Received...: 12/20/07  
 Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
 Prep Batch #...: 7356020  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND <i>UI</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	82	(32 - 112)		

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*EMM*  
*3/9/08*

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Date Sampled: 12/17/2007 1050

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/23/2007 2219  
Date Prepared: 12/23/2007 2219

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Lab File ID: W3296.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.00	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	91	73 - 127
Dibromofluoromethane	108	54 - 137
Toluene-d8 (Surr)	95	63 - 121

Emm  
3/8/08  
403/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Date Sampled: 12/17/2007 1050

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	Z3745.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 1814		Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	10	U	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

Enn  
3/8/08  
JW 3/12



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Date Sampled: 12/17/2007 1050

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12337	Instrument ID:	HP 6890/5973 GC/MS
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	Z3745.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 1814		Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	73	43 - 116
2-Fluorophenol	32	21 - 97
2,4,6-Tribromophenol	87	29 - 126
Nitrobenzene-d5	67	38 - 113
Phenol-d5	23	18 - 97
Terphenyl-d14	94	10 - 119

EMM  
3/8/08 WJ3/12

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Client Matrix: Water

Date Sampled: 12/17/2007 1050

Date Received: 12/18/2007 2020

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12040	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1624		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	150	J	84	500
Arsenic	25	U	5.4	25
Barium	38 J ✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	27200		130	300
Cadmium	10	U	1.1	10
Cobalt	10	U	2.1	10
Chromium	9.5	J	1.9	10
Copper	10	U	3.9	10
Iron	680		51	200
Potassium	3900 J ✓		130	400
Magnesium	5400		55	100
Manganese	420		5.2	15
Sodium	28900		350	400
Nickel	10 J ✓		1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	9.1	J	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	20	J	12	50

**7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)**

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2004		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	<del>0.10</del> 0.20	<del>0.20</del> 0.40

103/14

Jan 3/4/08

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Date Sampled: 12/17/2007 1050

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7537024.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1828		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	UJ ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	<del>0.0020</del> 0.050 U	J ✓	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ ✓	0.028	0.10
Endrin ketone	0.10	UJ ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	29 - 156
Tetrachloro-m-xylene	89	53 - 144

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	C7537024.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 1828		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	73	29 - 156
Tetrachloro-m-xylene	86	53 - 144

203/14

2/27/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Client Matrix: Water

Date Sampled: 12/17/2007 1050

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D4671182.d
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/11/2008 1104		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	106	53 - 144
DCB Decachlorobiphenyl	72	29 - 156

20314

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2/27/08

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Client Sample ID: PFH-MW-05

GC Semivolatiles

Lot-Sample #....: A7L200312-001 Work Order #....: KEKWN1AA Matrix.....: WG  
Date Sampled....: 12/17/07 10:50 Date Received...: 12/20/07  
Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
Prep Batch #....: 7356020  
Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND <i>UJ</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	93	(32 - 112)		

*W03/12* *Emm*  
*3/9/08*

Duplicate of  
PFH-MW-05

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/24/2007 0035  
Date Prepared: 12/24/2007 0035

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Lab File ID: W3301.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	0.42	J <sup>1</sup> B <sup>1</sup> I <sup>1</sup> ✓	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	53 - 125
4-Bromofluorobenzene	94	73 - 127
Dibromofluoromethane	119	54 - 137
Toluene-d8 (Surr)	101	63 - 121

571  
3/8/08  
W33012

Duplicate of  
PFH-MW-05

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12374	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	A8122.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/03/2008 1801		Final Weight/Volume:	1.0 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	10	U	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

3/8/08  
WJ3/12

Duplicate of  
PFH-MW-05

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12374	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	A8122.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/03/2008 1801		Final Weight/Volume:	1.0 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	43 - 116
2-Fluorophenol	43	21 - 97
2,4,6-Tribromophenol	90	29 - 126
Nitrobenzene-d5	78	38 - 113
Phenol-d5	30	18 - 97
Terphenyl-d14	97	10 - 119



Duplicate of  
PFH-MW-05

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12040	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1706		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	130	J	84	500
Arsenic	25	U	5.4	25
Barium	36 J ✓		2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	26200		130	300
Cadmium	10	U	1.1	10
Cobalt	2.4	J	2.1	10
Chromium	9.5	J	1.9	10
Copper	10	U	3.9	10
Iron	740		51	200
Potassium	3700 J ✓		130	400
Magnesium	5300		55	100
Manganese	410		5.2	15
Sodium	28100		350	400
Nickel	10	J	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	22	J	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2033		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40 ✓	U	0.10 0.20	0.20 0.40

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Jan  
3/14/08

Duplicate of  
PFH-MW-05

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7537032.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 2119		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	UJ ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	0.050	U	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ ✓	0.028	0.10
Endrin ketone	0.10	UJ ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	29 - 156
Tetrachloro-m-xylene	88	53 - 144

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	C7537032.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 2119		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	62	29 - 156
Tetrachloro-m-xylene	86	53 - 144

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Duplicate of  
PFH-MW-04

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-MW-XX

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-12085	Lab File ID:	D4671190.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	01/11/2008 1318			Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	110	53 - 144
DCB Decachlorobiphenyl	71	29 - 156

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Duplicate of  
PFH-MW-05

TestAmerica Connecticut

Client Sample ID: PFH-MW-XX

GC Semivolatiles

Lot-Sample #...: A7L200312-007 Work Order #...: KEK041AA Matrix.....: WG  
Date Sampled...: 12/17/07 Date Received...: 12/20/07  
Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
Prep Batch #...: 7356020  
Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND <i>UJ</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	93	(32 - 112)

W3/12

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706**General Chemistry**

Client Sample ID: PFH-SS-01

Lab Sample ID: 220-3706-1  
Client Matrix: Solid

% Moisture: 27.9

Date Sampled: 12/17/2007 1030  
Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	49.7		mg/Kg	2.6	13.7	1.0	300.0
Any Batch: 220-12415		Date Analyzed	12/21/2007 2047		DryWt Corrected: Y		

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.9		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027		Date Analyzed	12/19/2007 1716				
Percent Solids	72.1		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027		Date Analyzed	12/19/2007 1716				

Client Sample ID: PFH-SS-02

Lab Sample ID: 220-3706-2  
Client Matrix: Solid

% Moisture: 13.6

Date Sampled: 12/17/2007 1540  
Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	33.3		mg/Kg	2.2	11.5	1.0	300.0
Any Batch: 220-12415		Date Analyzed	12/21/2007 2100		DryWt Corrected: Y		

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.6		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027		Date Analyzed	12/19/2007 1716				
Percent Solids	86.4		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027		Date Analyzed	12/19/2007 1716				

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1

Sdg Number: 220-3706

**General Chemistry****Client Sample ID: PFH-SS-03**

Lab Sample ID: 220-3706-3

Client Matrix: Solid

% Moisture: 28.2

Date Sampled: 12/17/2007 1600

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	56.5		mg/Kg	2.6	13.9	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007 2140	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.2		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

Percent Solids	71.8		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

**Client Sample ID: PFH-SS-04**

Lab Sample ID: 220-3706-4

Client Matrix: Solid

% Moisture: 24.6

Date Sampled: 12/17/2007 1630

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	16.7		mg/Kg	2.5	13.2	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007 2154	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.6		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

Percent Solids	75.4		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

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JAM  
3/4/08

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3706-1  
Sdg Number: 220-3706**General Chemistry****Client Sample ID: PFH-SS-05**

Lab Sample ID: 220-3706-5

Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 12/17/2007 1615

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	27.0		mg/Kg	2.2	11.5	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007 2207	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.9		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

Percent Solids	86.1		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

**Client Sample ID: PFH-SS-06**

Lab Sample ID: 220-3706-6

Client Matrix: Solid

% Moisture: 15.1

Date Sampled: 12/17/2007 1620

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	15.4		mg/Kg	2.2	11.6	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007 2220	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.1		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

Percent Solids	84.9		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-12027				Date Analyzed	12/19/2007 1716		

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

## General Chemistry

Client Sample ID: PFH-GP-01(0.5-1)

Lab Sample ID: 220-3621-1

Client Matrix: Solid

% Moisture: 19.3

Date Sampled: 12/10/2007 1120

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	<del>8.4</del> 12.2	✓	mg/Kg	2.3	12.2	1.0	300.0
Any Batch: 220-11935 Date Analyzed 12/14/2007 0313				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.3		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							
Percent Solids	80.7		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							

Client Sample ID: PFH-GP-01(25-27)

Lab Sample ID: 220-3621-2

Client Matrix: Solid

% Moisture: 9.0

Date Sampled: 12/10/2007 1400

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	<del>6.0</del> 10.9	✓	mg/Kg	2.1	10.9	1.0	300.0
Any Batch: 220-11935 Date Analyzed 12/14/2007 0326				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.97		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							
Percent Solids	91.0		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							

W 3/11

Jan 3/3/08



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

## General Chemistry

Client Sample ID: PFH-GP-02(1-1.25)

Lab Sample ID: 220-3621-5

Client Matrix: Solid

% Moisture: 12.2

Date Sampled: 12/11/2007 1020

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	96.0		mg/Kg	2.2	11.3	1.0	300.0
Any Batch: 220-11935 Date Analyzed 12/14/2007 0406				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.2		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							
Percent Solids	87.8		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							

Client Sample ID: PFH-GP-02(23.5-25)

Lab Sample ID: 220-3621-6

Client Matrix: Solid

% Moisture: 5.4

Date Sampled: 12/11/2007 1345

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	4.3 11.50	J	mg/Kg	2.0	10.5	1.0	300.0
Any Batch: 220-11935 Date Analyzed 12/14/2007 0420				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.36		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							
Percent Solids	94.6		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808 Date Analyzed 12/12/2007 1711							

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Jan 3/13/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1  
Sdg Number: 220-3621

### General Chemistry

Client Sample ID: PFH-GP-03(2-2.25)

Lab Sample ID: 220-3621-7

Client Matrix: Solid

% Moisture: 1.6

Date Sampled: 12/11/2007 1325

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	10.2	U	mg/Kg	1.9	10.2	1.0	300.0
Only Batch: 220-11935				Date Analyzed	12/14/2007 0433	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	1.58		%	0.100	0.100	1.0	PercentMoisture
Only Batch: 220-11808				Date Analyzed	12/12/2007 1711		
Percent Solids	98.4		%	0.100	0.100	1.0	PercentMoisture
Only Batch: 220-11808				Date Analyzed	12/12/2007 1711		

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3/6/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1  
Sdg Number: 220-3652

## General Chemistry

Client Sample ID: PFH-GP-03(23.5-25)

Lab Sample ID: 220-3652-1

Client Matrix: Solid

% Moisture: 8.8

Date Sampled: 12/12/2007 0950

Date Received: 12/13/2007 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	<del>6.8</del> 10.9 U	J ✓	mg/Kg	2.1	10.9	1.0	300.0
Any Batch: 220-12415 Date Analyzed 12/21/2007 1927				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.76		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871 Date Analyzed 12/14/2007 1415							
Percent Solids	91.2		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871 Date Analyzed 12/14/2007 1415							

Client Sample ID: PFH-GP-04(2.5-3)

Lab Sample ID: 220-3652-2

Client Matrix: Solid

% Moisture: 1.3

Date Sampled: 12/12/2007 1130

Date Received: 12/13/2007 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	10.8 U	✓	mg/Kg	1.9	10	1.0	300.0
Any Batch: 220-12415 Date Analyzed 12/21/2007 2007				DryWt Corrected: Y			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	1.27		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871 Date Analyzed 12/14/2007 1415							
Percent Solids	98.7		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871 Date Analyzed 12/14/2007 1415							

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3/2/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

## General Chemistry

Client Sample ID: PFH-GP-04(25-26)

Lab Sample ID: 220-3652-3

Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 12/12/2007 1555

Date Received: 12/13/2007 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	11.4 U	J	mg/Kg	2.2	11.4	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007	2020	DryWt Corrected: Y

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.1		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871				Date Analyzed	12/14/2007	1415	
Percent Solids	87.9		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871				Date Analyzed	12/14/2007	1415	

Client Sample ID: PFH-GP-XX-121207

Lab Sample ID: 220-3652-4

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 12/12/2007 1700

Date Received: 12/13/2007 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	10.5 U	J	mg/Kg	2.0	10.5	1.0	300.0
Any Batch: 220-12415				Date Analyzed	12/21/2007	2034	DryWt Corrected: Y

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.92		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871				Date Analyzed	12/14/2007	1415	
Percent Solids	93.1		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11871				Date Analyzed	12/14/2007	1415	

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Client Matrix: Water

Date Sampled: 12/13/2007 1230

Date Received: 12/13/2007 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	0.27	J	mg/L	0.0086	1.0	1.0	300.0
Any Batch: 220-12410				Date Analyzed	12/20/2007	1952	
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
Any Batch: 220-12094				Date Analyzed	12/18/2007	1617	

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

**General Chemistry****Client Sample ID: PFH-GP-05(0.75-1.75)**

Lab Sample ID: 220-3621-3

Client Matrix: Solid

% Moisture: 16.2

Date Sampled: 12/10/2007 1450

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	237		mg/Kg	2.2	11.7	1.0	300.0
Any Batch: 220-11935				Date Analyzed	12/14/2007 0340	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.2		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808				Date Analyzed	12/12/2007 1711		

Percent Solids	83.8		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808				Date Analyzed	12/12/2007 1711		

**Client Sample ID: PFH-GP-05(25-26.5)**

Lab Sample ID: 220-3621-4

Client Matrix: Solid

% Moisture: 7.5

Date Sampled: 12/11/2007 1030

Date Received: 12/11/2007 1820

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate-S	4.5-10.7 U	+	mg/Kg	2.0	10.7	1.0	300.0
Any Batch: 220-11935				Date Analyzed	12/14/2007 0353	DryWt Corrected: Y	

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.51		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808				Date Analyzed	12/12/2007 1711		

Percent Solids	92.5		%	0.100	0.100	1.0	PercentMoisture
Any Batch: 220-11808				Date Analyzed	12/12/2007 1711		

W 3/11

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3/3/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

### General Chemistry

Client Sample ID: PFH-MW-05

Lab Sample ID: 220-3708-1

Date Sampled: 12/17/2007 1050

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	15.9		mg/L	0.0086	1.0	1.0	300.0
	Anly Batch: 220-12410	Date Analyzed	12/20/2007	2005			
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
	Anly Batch: 220-12309	Date Analyzed	12/24/2007	1127			

Client Sample ID: PFH-MW-02

Lab Sample ID: 220-3708-2

Date Sampled: 12/17/2007 1310

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	18.6		mg/L	0.0086	1.0	1.0	300.0
	Anly Batch: 220-12410	Date Analyzed	12/20/2007	2018			
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
	Anly Batch: 220-12309	Date Analyzed	12/24/2007	1133			

Client Sample ID: PFH-MW-04

Lab Sample ID: 220-3708-3

Date Sampled: 12/17/2007 1325

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	17.1		mg/L	0.0086	1.0	1.0	300.0
	Anly Batch: 220-12410	Date Analyzed	12/20/2007	2032			
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
	Anly Batch: 220-12309	Date Analyzed	12/24/2007	1139			

Client Sample ID: PFH-MW-01

Lab Sample ID: 220-3708-4

Date Sampled: 12/17/2007 1120

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	22.6		mg/L	0.0086	1.0	1.0	300.0
	Anly Batch: 220-12410	Date Analyzed	12/20/2007	2045			
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
	Anly Batch: 220-12309	Date Analyzed	12/24/2007	1327			

3/14/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

### General Chemistry

Client Sample ID: PFH-MW-03

Lab Sample ID: 220-3708-5

Date Sampled: 12/17/2007 1505

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	17.8		mg/L	0.0086	1.0	1.0	300.0
Any Batch: 220-12410 Date Analyzed 12/20/2007 2125							
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
Any Batch: 220-12309 Date Analyzed 12/24/2007 1203							

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	0.27	J	mg/L	0.0086	1.0	1.0	300.0
Any Batch: 220-12410 Date Analyzed 12/20/2007 2139							
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
Any Batch: 220-12309 Date Analyzed 12/24/2007 1209							

Client Sample ID: PFH-MW-XX

*Duplicate of  
PFH-MW-05*

Lab Sample ID: 220-3708-8

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Sulfate	16.3		mg/L	0.0086	1.0	1.0	300.0
Any Batch: 220-12410 Date Analyzed 12/20/2007 2152							
Sulfide	1.0	U	mg/L	0.22	1.0	1.0	376.1
Any Batch: 220-12309 Date Analyzed 12/24/2007 1215							

*803/14*

*Jan  
3/4/08*

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

MA:M-MA030 NH:2206 CT:PH-0141 ME:MA0030 RI:LA000299 NY:11627 NJ:MA015  
LA NELAC:03090 FL NELAC:E87814 PA:68-02089 Army:USACE

Laboratory Sample Number: L0719081-03

PFH-SV-01

Sample Matrix:

SOIL\_VAPOR

Date Collected: 18-DEC-2007 14:52

Date Received : 21-DEC-2007

Date Reported : 11-JAN-2008

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Can

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
<hr/>							
Fixed Gases by GC				51 3C(M)		0103 15:14	RY
Helium	ND	%	0.018				
<hr/>							
Volatile Organic Compounds in Air - ug/m3				48 TO-15		0102 22:13	RY
1,1,1-Trichloroethane	0.568J JV	ug/m3	1.09				
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37				
1,1,2-Trichloroethane	ND	ug/m3	1.09				
1,1-Dichloroethane	ND	ug/m3	0.809				
1,1-Dichloroethene	ND	ug/m3	0.792				
1,2,3-Trimethylbenzene	ND	ug/m3	0.983				
1,2,4-Trichlorobenzene	ND	ug/m3	1.48				
1,2,4-Trimethylbenzene	ND	ug/m3	0.982				
1,2,4,5-Tetramethylbenzene	ND	ug/m3	1.10				
1,2-Dibromoethane	ND	ug/m3	1.54				
1,2-Dichlorobenzene	ND	ug/m3	1.20				
1,2-Dichloroethane	ND	ug/m3	0.809				
1,2-Dichloropropane	ND	ug/m3	0.924				
1,3,5-Trimethylbenzene	ND	ug/m3	0.982				
1,3-Butadiene	ND	ug/m3	0.442				
1,3-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dioxane	ND	ug/m3	1.80				
2,2,4-Trimethylpentane	3.13 JV	ug/m3	0.934				
2-Butanone	0.722 J JV	ug/m3	0.589				
2-Chlorotoluene	ND	ug/m3	1.03				
2-Ethylthiophene	ND	ug/m3	0.918				
2-Hexanone	ND	ug/m3	0.819				
2-Methylthiophene	ND	ug/m3	0.803				
3-Chloropropene	ND UJ JV	ug/m3	0.626				
3-Methylthiophene	ND	ug/m3	0.803				
4-Ethyltoluene	ND	ug/m3	0.982				
Acetone	ND	ug/m3	0.475				
Benzene	0.932 JV	ug/m3	0.638				
Benzothiophene	ND UJ JV	ug/m3	1.10				
Bromodichloromethane	ND	ug/m3	1.34				
Bromoform	ND	ug/m3	2.06				
Bromomethane	ND	ug/m3	0.776				
Carbon disulfide	13.3 JV	ug/m3	0.622				
Carbon tetrachloride	0.404J J JV	ug/m3	1.26				

Comments: Complete list of References and Glossary of Terms found in Addendum I

8/3/12



ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0719081-03  
PFH-SV-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE	ID
					PREP	ANAL
Volatile Organic Compounds in Air - ug/m3 cont'd				48 TO-15	0102 22:13 RV	
Chlorobenzene	ND	ug/m3	0.920			
Chloroethane	ND	ug/m3	0.527			
Chloroform	ND	ug/m3	0.976			
Chloromethane	0.287J J	ug/m3	0.413			
cis-1,2-Dichloroethene	ND	ug/m3	0.792			
cis-1,3-Dichloropropene	ND	ug/m3	0.907			
Cyclohexane	1.81 J	ug/m3	0.688			
Dibromochloromethane	ND	ug/m3	1.70			
Dichlorodifluoromethane	3.13 J	ug/m3	0.988			
Ethylbenzene	2.36 J	ug/m3	0.868			
Freon-113	1.53U <del>0.700J</del>	ug/m3	1.53			
Freon-114	ND	ug/m3	1.40			
Heptane	0.209J J	ug/m3	0.819			
Hexachlorobutadiene	ND	ug/m3	2.13			
n-Hexane	3.71 J	ug/m3	0.704			
Isopropanol	ND	ug/m3	0.491			
Methylene chloride	0.694U <del>0.473J</del>	ug/m3	0.694			
4-Methyl-2-pentanone	ND	ug/m3	0.819			
Methyl tert butyl ether	ND	ug/m3	0.720			
p/m-Xylene	5.09 J	ug/m3	0.868			
o-Xylene	1.48 J	ug/m3	0.868			
Naphthalene	ND	ug/m3	1.05			
Styrene	ND	ug/m3	0.851			
tert-Butyl Alcohol	ND	ug/m3	0.606			
Tetrachloroethene	16.5 J	ug/m3	1.36			
Thiophene	ND	ug/m3	0.688			
Toluene	4.70 J	ug/m3	0.753			
trans-1,2-Dichloroethene	ND	ug/m3	0.792			
trans-1,3-Dichloropropene	ND	ug/m3	0.907			
Trichloroethene	0.642J J	ug/m3	1.07			
Trichlorofluoromethane	2.97 J	ug/m3	1.12			
Vinyl bromide	ND	ug/m3	0.874			
Vinyl chloride	ND	ug/m3	0.511			
Butane	10.1 J	ug/m3	0.475			
Pentane	8.30 J	ug/m3	0.590			
Octane	1.81 J	ug/m3	0.934			
Nonane	0.364J J	ug/m3	1.05			
Decane	0.378J J	ug/m3	1.16			
Dodecane	ND	ug/m3	3.48			
Undecane	ND	ug/m3	1.28			
Indan	ND	ug/m3	0.967			
Indene	ND	ug/m3	0.950			
1-Methylnaphthalene	ND J J	ug/m3	14.5			
2-Methylnaphthalene	ND J J	ug/m3	14.5			
Ethanol	ND	ug/m3	4.71			
Acrolein	ND	ug/m3	1.14			
Acetaldehyde	<del>ND</del>	<del>ug/m3</del>	<del>9.00</del>	R		

Volatile Organic Compounds in Air - ppbV 48 TO-15 0102 22:13 RV

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

MA:M-MA030 NH:2206 CT:PH-0141 ME:MA0030 RI:LA000299 NY:11627 NJ:MA015  
LA NELAC:03090 FL NELAC:E87814 PA:68-02089 Army:USACE

Laboratory Sample Number: L0719081-05  
PFH-SV-02  
Sample Matrix: SOIL\_VAPOR

Date Collected: 18-DEC-2007 15:59  
Date Received : 21-DEC-2007  
Date Reported : 11-JAN-2008

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Can

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Fixed Gases by GC				51 3C(M)		0103 16:09 RY	
Helium	ND	%	0.019				
Volatile Organic Compounds in Air - ug/m3				48 TO-15		0102 23:23 RY	
1,1,1-Trichloroethane	0.425J J✓	ug/m3	1.09				
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37				
1,1,2-Trichloroethane	ND	ug/m3	1.09				
1,1-Dichloroethane	ND	ug/m3	0.809				
1,1-Dichloroethene	ND	ug/m3	0.792				
1,2,3-Trimethylbenzene	0.27J JV✓	ug/m3	0.983				
1,2,4-Trichlorobenzene	ND	ug/m3	1.48				
1,2,4-Trimethylbenzene	0.864J J✓	ug/m3	0.982				
1,2,4,5-Tetramethylbenzene	ND	ug/m3	1.10				
1,2-Dibromoethane	ND	ug/m3	1.54				
1,2-Dichlorobenzene	ND	ug/m3	1.20				
1,2-Dichloroethane	ND	ug/m3	0.809				
1,2-Dichloropropane	ND	ug/m3	0.924				
1,3,5-Trimethylbenzene	ND	ug/m3	0.982				
1,3-Butadiene	ND	ug/m3	0.442				
1,3-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dioxane	ND	ug/m3	1.80				
2,2,4-Trimethylpentane	15.0 J✓	ug/m3	0.934				
2-Butanone	3.13 J✓	ug/m3	0.589				
2-Chlorotoluene	ND	ug/m3	1.03				
2-Ethylthiophene	ND	ug/m3	0.918				
2-Hexanone	ND	ug/m3	0.819				
2-Methylthiophene	ND	ug/m3	0.803				
3-Chloropropene	ND UJ✓	ug/m3	0.626				
3-Methylthiophene	ND	ug/m3	0.803				
4-Ethyltoluene	ND	ug/m3	0.982				
Acetone	ND	ug/m3	0.475				
Benzene	3.19 J✓	ug/m3	0.638				
Benzothiophene	ND UJ✓	ug/m3	1.10				
Bromodichloromethane	ND	ug/m3	1.34				
Bromoform	ND	ug/m3	2.06				
Bromomethane	ND	ug/m3	0.776				
Carbon disulfide	1.83 JV✓	ug/m3	0.622				
Carbon tetrachloride	0.578J J✓	ug/m3	1.26				

Comments: Complete list of References and Glossary of Terms found in Addendum I

403/12

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0719081-05  
PFH-SV-02

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organic Compounds in Air - ug/m3 cont'd				48 TO-15		0102 23:23 RY	
Chlorobenzene	ND	ug/m3	0.920				
Chloroethane	ND	ug/m3	0.527				
Chloroform	2.09 J ✓	ug/m3	0.976				
Chloromethane	ND	ug/m3	0.413				
cis-1,2-Dichloroethene	ND	ug/m3	0.792				
cis-1,3-Dichloropropene	ND	ug/m3	0.907				
Cyclohexane	5.53 J ✓	ug/m3	0.688				
Dibromochloromethane	0.538J J ✓	ug/m3	1.70				
Dichlorodifluoromethane	3.54 J ✓	ug/m3	0.988				
Ethylbenzene	2.42 J ✓	ug/m3	0.868				
Freon-113	1.53U <del>4.05J</del> ✓	ug/m3	1.53				
Freon-114	ND	ug/m3	1.40				
Heptane	1.88 J ✓	ug/m3	0.819				
Hexachlorobutadiene	ND	ug/m3	2.13				
n-Hexane	7.04 J ✓	ug/m3	0.704				
Isopropanol	ND	ug/m3	0.491				
Methylene chloride	0.694U <del>4.505J</del> ✓	ug/m3	0.694				
4-Methyl-2-pentanone	ND	ug/m3	0.819				
Methyl tert butyl ether	ND	ug/m3	0.720				
p/m-Xylene	7.01 J ✓	ug/m3	0.868				
o-Xylene	2.50 J ✓	ug/m3	0.868				
Naphthalene	ND	ug/m3	1.05				
Styrene	0.338J J ✓	ug/m3	0.851				
tert-Butyl Alcohol	ND	ug/m3	0.606				
Tetrachloroethene	18.0 J ✓	ug/m3	1.36				
Thiophene	ND	ug/m3	0.688				
Toluene	2.44 J ✓	ug/m3	0.753				
trans-1,2-Dichloroethene	ND	ug/m3	0.792				
trans-1,3-Dichloropropene	ND	ug/m3	0.907				
Trichloroethene	0.374J J ✓	ug/m3	1.07				
Trichlorofluoromethane	3.08 J ✓	ug/m3	1.12				
Vinyl bromide	ND	ug/m3	0.874				
Vinyl chloride	ND	ug/m3	0.511				
Butane	27.8 J ✓	ug/m3	0.475				
Pentane	25.2 J ✓	ug/m3	0.590				
Octane	63.5 J ✓	ug/m3	0.934				
Nonane	ND	ug/m3	1.05				
Decane	1.52 J ✓	ug/m3	1.16				
Dodecane	2.41J J ✓	ug/m3	3.48				
Undecane	ND	ug/m3	1.28				
Indan	ND	ug/m3	0.967				
Indene	ND	ug/m3	0.950				
1-Methylnaphthalene	ND UJ ✓	ug/m3	14.5				
2-Methylnaphthalene	ND UJ ✓	ug/m3	14.5				
Ethanol	ND	ug/m3	4.71				
Acrolein	ND	ug/m3	1.14				
Acetaldehyde	ND ✓	ug/m3	9.00 R				

Volatile Organic Compounds in Air - ppbV 48 TO-15 0102 23:23 RY

Comments: Complete list of References and Glossary of Terms found in Addendum I

00212

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

MA:M-MA030 NH:2206 CT:PH-0141 ME:MA0030 RI:LA000299 NY:11627 NJ:MA015  
LA NELAC:03090 FL NELAC:E87814 PA:68-02089 Army:USACE

Laboratory Sample Number: L0719081-02

Date Collected: 18-DEC-2007 14:20

PFH-SV-03

Date Received : 21-DEC-2007

Sample Matrix:

SOIL\_VAPOR

Date Reported : 11-JAN-2008

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Can

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Fixed Gases by GC				51 3C(M)		0103 14:54 RY	
Helium	ND	%	0.017				
Volatile Organic Compounds in Air	ug/m3			48 TO-15		0102 21:40 RY	
1,1,1-Trichloroethane	0.957J J✓	ug/m3	1.09				
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37				
1,1,2-Trichloroethane	ND	ug/m3	1.09				
1,1-Dichloroethane	ND	ug/m3	0.809				
1,1-Dichloroethene	ND	ug/m3	0.792				
1,2,3-Trimethylbenzene	0.539J J✓	ug/m3	0.983				
1,2,4-Trichlorobenzene	ND	ug/m3	1.48				
1,2,4-Trimethylbenzene	0.365J J✓	ug/m3	0.982				
1,2,4,5-Tetramethylbenzene	0.784J J✓	ug/m3	1.10				
1,2-Dibromoethane	ND	ug/m3	1.54				
1,2-Dichlorobenzene	ND	ug/m3	1.20				
1,2-Dichloroethane	ND	ug/m3	0.809				
1,2-Dichloropropane	ND	ug/m3	0.924				
1,3,5-Trimethylbenzene	ND	ug/m3	0.982				
1,3-Butadiene	ND	ug/m3	0.442				
1,3-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dioxane	ND	ug/m3	1.80				
2,2,4-Trimethylpentane	3.05	ug/m3	0.934				
2-Butanone	0.312J J✓	ug/m3	0.589				
2-Chlorotoluene	ND	ug/m3	1.03				
2-Ethylthiophene	ND	ug/m3	0.918				
2-Hexanone	ND	ug/m3	0.819				
2-Methylthiophene	ND	ug/m3	0.803				
3-Chloropropene	ND UJ ✓	ug/m3	0.626				
3-Methylthiophene	ND	ug/m3	0.803				
4-Ethyltoluene	ND	ug/m3	0.982				
Acetone	ND	ug/m3	0.475				
Benzene	2.74 UJ ✓	ug/m3	0.638				
Benzothiophene	ND	ug/m3	1.10				
Bromodichloromethane	ND	ug/m3	1.34				
Bromoform	ND	ug/m3	2.06				
Bromomethane	ND	ug/m3	0.776				
Carbon disulfide	23.2	ug/m3	0.622				
Carbon tetrachloride	ND	ug/m3	1.26				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0719081-02  
PFH-SV-03

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organic Compounds in Air - ug/m3 cont'd				48 TO-15		0102 21:40 RY	
Chlorobenzene	ND	ug/m3	0.920				
Chloroethane	ND	ug/m3	0.527				
Chloroform	39.0	ug/m3	0.976				
Chloromethane	0.319J ✓	ug/m3	0.413				
cis-1,2-Dichloroethene	ND	ug/m3	0.792				
cis-1,3-Dichloropropene	ND	ug/m3	0.907				
Cyclohexane	1.35	ug/m3	0.688				
Dibromochloromethane	0.654J ✓	ug/m3	1.70				
Dichlorodifluoromethane	1.92	ug/m3	0.988				
Ethylbenzene	0.364J ✓	ug/m3	0.868				
Freon-113	1.53J <del>0.654J</del> ✓	ug/m3	1.53				
Freon-114	ND	ug/m3	1.40				
Heptane	ND ✓	ug/m3	0.819				
Hexachlorobutadiene	ND	ug/m3	2.13				
n-Hexane	2.90	ug/m3	0.704				
Isopropanol	ND	ug/m3	0.491				
Methylene chloride	1.51J <del>1.51</del>	ug/m3	0.694				
4-Methyl-2-pentanone	ND	ug/m3	0.819				
Methyl tert butyl ether	ND	ug/m3	0.720				
p/m-Xylene	1.29	ug/m3	0.868				
o-Xylene	1.68	ug/m3	0.868				
Naphthalene	ND	ug/m3	1.05				
Styrene	ND	ug/m3	0.851				
tert-Butyl Alcohol	ND	ug/m3	0.606				
Tetrachloroethene	21.8	ug/m3	1.36				
Thiophene	ND	ug/m3	0.688				
Toluene	1.38	ug/m3	0.753				
trans-1,2-Dichloroethene	ND	ug/m3	0.792				
trans-1,3-Dichloropropene	ND	ug/m3	0.907				
Trichloroethene	2.46	ug/m3	1.07				
Trichlorofluoromethane	2.99	ug/m3	1.12				
Vinyl bromide	ND	ug/m3	0.874				
Vinyl chloride	ND	ug/m3	0.511				
Butane	9.74	ug/m3	0.475				
Pentane	8.26	ug/m3	0.590				
Octane	ND	ug/m3	0.934				
Nonane	ND	ug/m3	1.05				
Decane	0.427J ✓	ug/m3	1.16				
Dodecane	2.97J ✓	ug/m3	3.48				
Undecane	0.752J ✓	ug/m3	1.28				
Indan	ND	ug/m3	0.967				
Indene	ND	ug/m3	0.950				
1-Methylnaphthalene	ND ✓	ug/m3	14.5				
2-Methylnaphthalene	ND ✓	ug/m3	14.5				
Ethanol	ND	ug/m3	4.71				
Acrolein	ND	ug/m3	1.14				
Acetaldehyde	ND ✓	ug/m3	9.00				
Volatile Organic Compounds in Air - ppbV				48 TO-15		0102 21:40 RY	

Comments: Complete list of References and Glossary of Terms found in Addendum I

40312

recd 3/11

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

MA:M-MA030 NH:2206 CT:PH-0141 ME:MA0030 RI:LA000299 NY:11627 NJ:MA015  
LA NELAC:03090 FL NELAC:E87814 PA:68-02089 Army:USACE

Laboratory Sample Number: L0719081-01 Date Collected: 18-DEC-2007 13:48  
PFH-SV-04 Date Received : 21-DEC-2007  
Sample Matrix: SOIL\_VAPOR Date Reported : 11-JAN-2008  
Condition of Sample: Satisfactory Field Prep: None  
Number & Type of Containers: 1-Can

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
<hr/>							
Fixed Gases by GC				51.3C(M)		0103-14:37	RY
Helium	ND	%	0.017				
<hr/>							
Volatile Organic Compounds in Air - ug/m3				48 TO-15		0102-21:06	RY
1,1,1-Trichloroethane	0.68J	ug/m3	1.09				
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37				
1,1,2-Trichloroethane	ND	ug/m3	1.09				
1,1-Dichloroethane	ND	ug/m3	0.809				
1,1-Dichloroethene	ND	ug/m3	0.792				
1,2,3-Trimethylbenzene	1.28	ug/m3	0.983				
1,2,4-Trichlorobenzene	ND	ug/m3	1.48				
1,2,4-Trimethylbenzene	1.36	ug/m3	0.982				
1,2,4,5-Tetramethylbenzene	0.432J	ug/m3	1.10				
1,2-Dibromoethane	ND	ug/m3	1.54				
1,2-Dichlorobenzene	ND	ug/m3	1.20				
1,2-Dichloroethane	ND	ug/m3	0.809				
1,2-Dichloropropane	ND	ug/m3	0.924				
1,3,5-Trimethylbenzene	0.844J	ug/m3	0.982				
1,3-Butadiene	ND	ug/m3	0.442				
1,3-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dioxane	ND	ug/m3	1.80				
2,2,4-Trimethylpentane	ND	ug/m3	0.934				
2-Butanone	0.739	ug/m3	0.589				
2-Chlorotoluene	ND	ug/m3	1.03				
2-Ethylthiophene	ND	ug/m3	0.918				
2-Hexanone	ND	ug/m3	0.819				
2-Methylthiophene	ND	ug/m3	0.803				
3-Chloropropene	ND	ug/m3	0.626				
3-Methylthiophene	ND	ug/m3	0.803				
4-Ethyltoluene	ND	ug/m3	0.982				
Acetone	ND	ug/m3	0.475				
Benzene	3.31	ug/m3	0.638				
Benzothiophene	ND	ug/m3	1.10				
Bromodichloromethane	ND	ug/m3	1.34				
Bromoform	ND	ug/m3	2.06				
Bromomethane	ND	ug/m3	0.776				
Carbon disulfide	10.6	ug/m3	0.622				
Carbon tetrachloride	ND	ug/m3	1.26				

Comments: Complete list of References and Glossary of Terms found in Addendum I

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ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0719081-01  
PFH-SV-04

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE	ID
					PREP	ANAL
Volatile Organic Compounds in Air - ug/m3 cont'd				48 TO-15	0102 21:06 RY	
Chlorobenzene	ND	ug/m3	0.920			
Chloroethane	ND	ug/m3	0.527			
Chloroform	15.0	ug/m3	0.976			
Chloromethane	ND	ug/m3	0.413			
cis-1,2-Dichloroethene	ND	ug/m3	0.792			
cis-1,3-Dichloropropene	ND	ug/m3	0.907			
Cyclohexane	0.403J J ✓	ug/m3	0.688			
Dibromochloromethane	0.72J J ✓	ug/m3	1.70			
Dichlorodifluoromethane	2.82	ug/m3	0.988			
Ethylbenzene	2.69	ug/m3	0.868			
Freon-113	1.53U <del>0.674J</del> ✓	ug/m3	1.53			
Freon-114	ND	ug/m3	1.40			
Heptane	0.862 J ✓	ug/m3	0.819			
Hexachlorobutadiene	ND	ug/m3	2.13			
n-Hexane	2.36	ug/m3	0.704			
Isopropanol	ND	ug/m3	0.491			
Methylene chloride	0.694U <del>0.29J</del> ✓	ug/m3	0.694			
4-Methyl-2-pentanone	ND	ug/m3	0.819			
Methyl tert butyl ether	ND	ug/m3	0.720			
p/m-Xylene	5.41	ug/m3	0.868			
o-Xylene	2.38	ug/m3	0.868			
Naphthalene	ND	ug/m3	1.05			
Styrene	ND	ug/m3	0.851			
tert-Butyl Alcohol	ND	ug/m3	0.606			
Tetrachloroethene	12.0	ug/m3	1.36			
Thiophene	ND	ug/m3	0.688			
Toluene	5.76	ug/m3	0.753			
trans-1,2-Dichloroethene	ND	ug/m3	0.792			
trans-1,3-Dichloropropene	ND	ug/m3	0.907			
Trichloroethene	ND	ug/m3	1.07			
Trichlorofluoromethane	2.42	ug/m3	1.12			
Vinyl bromide	ND	ug/m3	0.874			
Vinyl chloride	ND	ug/m3	0.511			
Butane	1.68	ug/m3	0.475			
Pentane	1.60	ug/m3	0.590			
Octane	53.8	ug/m3	0.934			
Nonane	1.78	ug/m3	1.05			
Decane	84.3	ug/m3	1.16			
Dodecane	3.88	ug/m3	3.48			
Undecane	1.81	ug/m3	1.28			
Indan	0.603J J ✓	ug/m3	0.967			
Indene	ND	ug/m3	0.950			
1-Methylnaphthalene	ND UJ ✓	ug/m3	14.5			
2-Methylnaphthalene	ND UJ ✓	ug/m3	14.5			
Ethanol	ND	ug/m3	4.71			
Acrolein	ND	ug/m3	1.14			
Acetaldehyde	ND	ug/m3	9.00 R ✓			

Volatile Organic Compounds in Air - ppbV 48 TO-15 0102 21:06 RY

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

MA:M-MA030 NH:2206 CT:PH-0141 ME:MA0030 RI:LAO00299 NY:11627 NJ:MA015  
LA NELAC:03090 FL NELAC:E87814 PA:68-02089 Army:USACE

Laboratory Sample Number: L0719081-04      Date Collected: 18-DEC-2007 15:28  
PFH-SV-05      Date Received : 21-DEC-2007  
Sample Matrix: SOIL\_VAPOR      Date Reported : 11-JAN-2008  
Condition of Sample: Satisfactory      Field Prep: None  
Number & Type of Containers: 1-Can

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
<hr/>							
Fixed Gases by GC				51.3C(M)		0103 15:34	RY
Helium	ND	%	0.025				
<hr/>							
Volatile Organic Compounds in Air - ug/m3				48 TO-15		0102 22:49	RY
1,1,1-Trichloroethane	0.595J JV	ug/m3	1.09				
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37				
1,1,2-Trichloroethane	ND	ug/m3	1.09				
1,1-Dichloroethane	ND	ug/m3	0.809				
1,1-Dichloroethene	ND	ug/m3	0.792				
1,2,3-Trimethylbenzene	ND	ug/m3	0.983				
1,2,4-Trichlorobenzene	ND	ug/m3	1.48				
1,2,4-Trimethylbenzene	1.03 JV	ug/m3	0.982				
1,2,4,5-Tetramethylbenzene	1.08J JV	ug/m3	1.10				
1,2-Dibromoethane	ND	ug/m3	1.54				
1,2-Dichlorobenzene	ND	ug/m3	1.20				
1,2-Dichloroethane	ND	ug/m3	0.809				
1,2-Dichloropropane	ND	ug/m3	0.924				
1,3,5-Trimethylbenzene	0.49J JV	ug/m3	0.982				
1,3-Butadiene	ND	ug/m3	0.442				
1,3-Dichlorobenzene	ND	ug/m3	1.20				
1,4-Dichlorobenzene	0.316J JV	ug/m3	1.20				
1,4-Dioxane	ND	ug/m3	1.80				
2,2,4-Trimethylpentane	6.89 JV	ug/m3	0.934				
2-Butanone	68.0 JV	ug/m3	0.589				
2-Chlorotoluene	ND	ug/m3	1.03				
2-Ethylthiophene	ND	ug/m3	0.918				
2-Hexanone	ND	ug/m3	0.819				
2-Methylthiophene	ND	ug/m3	0.803				
3-Chloropropene	ND UJV	ug/m3	0.626				
3-Methylthiophene	ND	ug/m3	0.803				
4-Ethyltoluene	ND	ug/m3	0.982				
Acetone	117 JV	ug/m3	0.475				
Benzene	6.92 JV	ug/m3	0.638				
Benzothiophene	ND UJV	ug/m3	1.10				
Bromodichloromethane	ND	ug/m3	1.34				
Bromoform	ND	ug/m3	2.06				
Bromomethane	ND	ug/m3	0.776				
Carbon disulfide	ND	ug/m3	0.622				
Carbon tetrachloride	0.512J JV	ug/m3	1.26				

Comments: Complete list of References and Glossary of Terms found in Addendum I



ALPHA WOODS HOLE LABS  
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0719081-04  
PFH-SV-05

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organic Compounds in Air - ug/m3 cont'd				48 TO-15		0102 22:49 RY	
Chlorobenzene	ND	ug/m3	0.920				
Chloroethane	ND	ug/m3	0.527				
Chloroform	ND	ug/m3	0.976				
Chloromethane	ND	ug/m3	0.413				
cis-1,2-Dichloroethene	ND	ug/m3	0.792				
cis-1,3-Dichloropropene	ND	ug/m3	0.907				
Cyclohexane	2.30 J ✓	ug/m3	0.688				
Dibromochloromethane	ND	ug/m3	1.70				
Dichlorodifluoromethane	1.94 J ✓	ug/m3	0.988				
Ethylbenzene	1.04 J ✓	ug/m3	0.868				
Freon-113	1.53U <del>0.691J</del> ✓	ug/m3	1.53				
Freon-114	ND	ug/m3	1.40				
Heptane	8.27 J ✓	ug/m3	0.819				
Hexachlorobutadiene	ND	ug/m3	2.13				
n-Hexane	15.2 J ✓	ug/m3	0.704				
Isopropanol	ND	ug/m3	0.491				
Methylene chloride	0.694U <del>0.486J</del> ✓	ug/m3	0.694				
4-Methyl-2-pentanone	ND	ug/m3	0.819				
Methyl tert butyl ether	ND	ug/m3	0.720				
p/m-Xylene	2.53 J ✓	ug/m3	0.868				
o-Xylene	2.24 J ✓	ug/m3	0.868				
Naphthalene	ND	ug/m3	1.05				
Styrene	1.54 J ✓	ug/m3	0.851				
tert-Butyl Alcohol	ND	ug/m3	0.606				
Tetrachloroethene	5.61 J ✓	ug/m3	1.36				
Thiophene	ND	ug/m3	0.688				
Toluene	9.46 J ✓	ug/m3	0.753				
trans-1,2-Dichloroethene	ND	ug/m3	0.792				
trans-1,3-Dichloropropene	ND	ug/m3	0.907				
Trichloroethene	ND	ug/m3	1.07				
Trichlorofluoromethane	4.39 J ✓	ug/m3	1.12				
Vinyl bromide	ND	ug/m3	0.874				
Vinyl chloride	ND	ug/m3	0.511				
Butane	14.6 J ✓	ug/m3	0.475				
Pentane	23.9 J ✓	ug/m3	0.590				
Octane	281 J ✓	ug/m3	0.934				
Nonane	1.48 J ✓	ug/m3	1.05				
Decane	1.58 J ✓	ug/m3	1.16				
Dodecane	3.11J J ✓	ug/m3	3.48				
Undecane	0.718J J ✓	ug/m3	1.28				
Indan	ND	ug/m3	0.967				
Indene	ND	ug/m3	0.950				
1-Methylnaphthalene	ND UJ ✓	ug/m3	14.5				
2-Methylnaphthalene	ND UJ ✓	ug/m3	14.5				
Ethanol	ND	ug/m3	4.71				
Acrolein	ND	ug/m3	1.14				
Acetaldehyde	ND ✓	ug/m3	9.00	R			

Volatile Organic Compounds in Air - ppbV 48 TO-15 0102 22:49 RY

Comments: Complete list of References and Glossary of Terms found in Addendum I

*W 3/12*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3621-1

Sdg Number: 220-3621

Client Sample ID: PFH-TB-121107

Lab Sample ID: 220-3621-8TB

Date Sampled: 12/11/2007 0000

Client Matrix: Water

Date Received: 12/11/2007 1820

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-11860

Instrument ID: HP 5890/5971 GC/MS

Preparation: 5030B

Lab File ID: L2968.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/13/2007 0942

Final Weight/Volume: 5 mL

Date Prepared: 12/13/2007 0942

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	53 - 125
4-Bromofluorobenzene	111	73 - 127
Dibromofluoromethane	83	54 - 137
Toluene-d8 (Surr)	83	63 - 121

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-TB-121307

Lab Sample ID: 220-3652-6TB

Date Sampled: 12/13/2007 0000

Client Matrix: Water

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-11898

Instrument ID: HP 5890/5971 GC/MS

Preparation: 5030B

Lab File ID: L3005.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/14/2007 1321

Final Weight/Volume: 5 mL

Date Prepared: 12/14/2007 1321

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	53 - 125
4-Bromofluorobenzene	110	73 - 127
Dibromofluoromethane	83	54 - 137
Toluene-d8 (Surr)	84	63 - 121

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3/17/08

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-TB-121707

Lab Sample ID: 220-3708-6TB

Date Sampled: 12/17/2007 0000

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12140

Instrument ID: HP 6890/5973 GC/MS

Preparation: 5030B

Lab File ID: W3300.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/24/2007 0008

Final Weight/Volume: 5 mL

Date Prepared: 12/24/2007 0008

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.6	J J ✓	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	1.5	J J ✓	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	1.8	J B J ✓	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	93	73 - 127
Dibromofluoromethane	115	54 - 137
Toluene-d8 (Surr)	98	63 - 121

EMM  
3/8/08  
JO 3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Date Sampled: 12/13/2007 1230

Client Matrix: Water

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12150	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12060	Lab File ID: A8083.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	12/21/2007 1615		Final Weight/Volume: 1.0 mL
Date Prepared:	12/20/2007 1428		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	10	U	1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Date Sampled: 12/13/2007 1230

Client Matrix: Water

Date Received: 12/13/2007 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12150	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12060	Lab File ID: A8083.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	12/21/2007 1615		Final Weight/Volume: 1.0 mL
Date Prepared:	12/20/2007 1428		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	47	43 - 116
2-Fluorophenol	29	21 - 97
2,4,6-Tribromophenol	55	29 - 126
Nitrobenzene-d5	48	38 - 113
Phenol-d5	21	18 - 97
Terphenyl-d14	62	10 - 119

EMM  
3/8/08  
JW 3/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Date Sampled: 12/13/2007 1230

Client Matrix: Water

Date Received: 12/13/2007 1940

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-11898

Instrument ID: HP 5890/5971 GC/MS

Preparation: 5030B

Lab File ID: L3004.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/14/2007 1256

Final Weight/Volume: 5 mL

Date Prepared: 12/14/2007 1256

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	53 - 125
4-Bromofluorobenzene	116	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	87	63 - 121

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3/7/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB  
Client Matrix: Water

Date Sampled: 12/13/2007 1230  
Date Received: 12/13/2007 1940

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12072	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-11923	Lab File ID:	W122007
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/20/2007 1448		Final Weight/Volume:	50 mL
Date Prepared:	12/17/2007 1244			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	500	U	84	500
Arsenic	25	U	5.4	25
Barium	5.0	U	2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	300	U	130	300
Cadmium	10	U	1.1	10
Cobalt	10	U	2.1	10
Chromium	10	U	1.9	10
Copper	10	U	3.9	10
Iron	200	U	51	200
Potassium	400	U	130	400
Magnesium	100	U	55	100
Manganese	15	U	5.2	15
Sodium	610 J ✓		350	400
Nickel	10	U	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	50	U	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12103	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12082	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/21/2007 1003		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 2013			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	<del>0.10</del> 0.20	<del>0.20</del> 0.40

3/14  
3/3/08



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Date Sampled: 12/13/2007 1230

Client Matrix: Water

Date Received: 12/13/2007 1940

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12387	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7529019.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/03/2008 2304		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	U	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	U ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	0.050	U	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	U	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	U	0.028	0.10
Endrin ketone	0.10	U	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	U	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	40	29 - 156
Tetrachloro-m-xylene	77	53 - 144

Method:	8081A	Analysis Batch: 220-12387	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7529019.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/03/2008 2304		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	39	29 - 156
Tetrachloro-m-xylene	72	53 - 144

403/14 Jan 2/28/08

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3652-1

Sdg Number: 220-3652

Client Sample ID: PFH-GP-FB-121307

Lab Sample ID: 220-3652-5FB

Client Matrix: Water

Date Sampled: 12/13/2007 1230

Date Received: 12/13/2007 1940

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-12326	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-12085	Lab File ID:	D4670040.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	01/02/2008 2340			Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	84	53 - 144
DCB Decachlorobiphenyl	42	29 - 156

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TestAmerica Connecticut

Client Sample ID: PFH-GP-FB-121307

GC Semivolatiles

Lot-Sample #...: A7L150193-005 Work Order #...: KD9M51AA Matrix.....: WQ  
 Date Sampled...: 12/13/07 12:30 Date Received...: 12/15/07  
 Prep Date.....: 12/18/07 Analysis Date...: 12/19/07  
 Prep Batch #...: 7352045  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
PERCENT		RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	87	(32 - 112)		

EM  
3/8/08

103/12

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 220-12136

Instrument ID: HP 5890/5971 GC/MS

Preparation: 5030B

Lab File ID: L3283.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/22/2007 1437

Final Weight/Volume: 5 mL

Date Prepared: 12/22/2007 1437

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.6	10
Benzene	5.0	U	0.23	5.0
Bromodichloromethane	5.0	U	0.24	5.0
Bromoform	5.0	U	1.2	5.0
Bromomethane	5.0	U	1.0	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.14	5.0
Carbon tetrachloride	5.0	U	0.29	5.0
Chlorobenzene	5.0	U	0.15	5.0
Chloroethane	5.0	U	0.48	5.0
Chloroform	5.0	U	0.27	5.0
Chloromethane	5.0	U	0.24	5.0
Dibromochloromethane	5.0	U	0.21	5.0
1,1-Dichloroethane	5.0	U	0.23	5.0
1,2-Dichloroethane	5.0	U	0.25	5.0
1,1-Dichloroethene	5.0	U	0.25	5.0
1,2-Dichloropropane	5.0	U	0.32	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.28	5.0
Ethylbenzene	5.0	U	0.28	5.0
2-Hexanone	10	U	0.37	10
Methylene Chloride	5.0	U	0.26	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.70	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.23	5.0
Tetrachloroethene	5.0	U	0.30	5.0
Toluene	5.0	U	0.090	5.0
1,1,1-Trichloroethane	5.0	U	0.38	5.0
1,1,2-Trichloroethane	5.0	U	0.33	5.0
Trichloroethene	5.0	U	0.26	5.0
Vinyl chloride	5.0	U	0.30	5.0
Xylenes, Total	5.0	U	0.46	5.0
cis-1,2-Dichloroethene	5.0	U	0.33	5.0
trans-1,2-Dichloroethene	5.0	U	0.22	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	66	53 - 125
4-Bromofluorobenzene	93	73 - 127
Dibromofluoromethane	75	54 - 137
Toluene-d8 (Surr)	70	63 - 121

EHM  
3/8/08

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12374	Instrument ID: HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID: A8121.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	01/03/2008 1740		Final Weight/Volume: 1.0 mL
Date Prepared:	12/21/2007 1151		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	10	U	0.35	10
Acenaphthylene	10	U	0.35	10
Anthracene	10	U	0.32	10
Benzo[a]anthracene	10	U	0.44	10
Benzo[a]pyrene	10	U	0.32	10
Benzo[b]fluoranthene	10	U	0.45	10
Benzo[g,h,i]perylene	10	U	0.40	10
Benzo[k]fluoranthene	10	U	0.29	10
Bis(2-chloroethoxy)methane	10	U	0.51	10
Bis(2-chloroethyl)ether	10	U	2.0	10
Bis(2-ethylhexyl) phthalate	17		1.7	10
Butyl benzyl phthalate	10	U	0.43	10
Carbazole	10	U	0.61	10
Chrysene	10	U	0.40	10
Di-n-butyl phthalate	10	U	1.9	10
Di-n-octyl phthalate	10	U	0.35	10
4-Bromophenyl phenyl ether	10	U	0.26	10
4-Chloroaniline	10	U	0.31	10
2-Chloronaphthalene	10	U	0.46	10
4-Chlorophenyl phenyl ether	10	U	0.48	10
Dibenz(a,h)anthracene	10	U	0.39	10
Dibenzofuran	10	U	0.46	10
Diethyl phthalate	10	U	0.37	10
Dimethyl phthalate	10	U	0.29	10
1,2-Dichlorobenzene	10	U	0.43	10
1,3-Dichlorobenzene	10	U	0.49	10
1,4-Dichlorobenzene	10	U	0.38	10
3,3'-Dichlorobenzidine	10	U	0.60	10
2,4-Dinitrotoluene	10	U	0.48	10
2,6-Dinitrotoluene	10	U	0.49	10
Fluoranthene	10	U	0.51	10
Fluorene	10	U	0.35	10
Hexachlorobenzene	10	U	0.35	10
Hexachlorobutadiene	10	U	0.74	10
Hexachlorocyclopentadiene	10	U	1.3	10
Hexachloroethane	10	U	0.64	10
Indeno[1,2,3-cd]pyrene	10	U	0.51	10
Isophorone	10	U	0.54	10
2-Methylnaphthalene	10	U	0.49	10
Naphthalene	10	U	0.47	10
2-Nitroaniline	50	U	0.45	50
3-Nitroaniline	50	U	0.41	50
Nitrobenzene	10	U	0.50	10
N-Nitrosodi-n-propylamine	10	U	0.59	10

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-12374	Instrument ID:	HP 6890/5975
Preparation:	3510C	Prep Batch: 220-12107	Lab File ID:	A8121.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/03/2008 1740		Final Weight/Volume:	1.0 mL
Date Prepared:	12/21/2007 1151		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	0.41	10
Phenanthrene	10	U	0.28	10
Pyrene	10	U	0.40	10
1,2,4-Trichlorobenzene	10	U	0.47	10
4-Chloro-3-methylphenol	10	U	0.43	10
2-Chlorophenol	10	U	0.46	10
2-Methylphenol	10	U	0.50	10
4-Methylphenol	10	U	0.39	10
2,4-Dichlorophenol	10	U	0.30	10
2,4-Dimethylphenol	10	U	0.63	10
2,4-Dinitrophenol	50	U	1.7	50
4,6-Dinitro-2-methylphenol	50	U	3.3	50
2-Nitrophenol	10	U	0.50	10
4-Nitrophenol	50	U	1.3	50
Pentachlorophenol	50	U	4.1	50
Phenol	10	U	0.85	10
2,4,5-Trichlorophenol	50	U	0.33	50
2,4,6-Trichlorophenol	10	U	0.42	10
Benzyl alcohol	10	U	0.84	10
4-Nitroaniline	20	U	0.50	20
2,2'-oxybis[1-chloropropane]	10	U	0.54	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	91	43 - 116
2-Fluorophenol	51	21 - 97
2,4,6-Tribromophenol	100	29 - 126
Nitrobenzene-d5	93	38 - 113
Phenol-d5	35	18 - 97
Terphenyl-d14	114	10 - 119

EMM  
3/8/08  
WJL/A

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 220-12141	Instrument ID:	TJA Trace ICAP
Preparation:	3010A	Prep Batch: 220-12040	Lab File ID:	W122107
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 1701		Final Weight/Volume:	50 mL
Date Prepared:	12/20/2007 1039			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	1.3	5.0
Aluminum	500	U	84	500
Arsenic	25	U	5.4	25
Barium	5.0	U	2.3	5.0
Beryllium	5.0	U	0.60	5.0
Calcium	300	U	130	300
Cadmium	10	U	1.1	10
Cobalt	10	U	2.1	10
Chromium	10	U	1.9	10
Copper	10	U	3.9	10
Iron	200	U	51	200
Potassium	400	U	130	400
Magnesium	100	U	55	100
Manganese	15	U	5.2	15
Sodium	380	U	350	400
Nickel	10	U	1.9	10
Lead	10	U	4.9	10
Antimony	50	U	6.0	50
Selenium	30	U	9.8	30
Thallium	40	U	8.1	40
Vanadium	5.0	U	1.0	5.0
Zinc	50	U	12	50

### 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 220-12169	Instrument ID:	Perkin Elmer FIMS
Preparation:	7470A	Prep Batch: 220-12160	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	12/26/2007 2032		Final Weight/Volume:	50 mL
Date Prepared:	12/26/2007 1408			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40	✓ U	0.10 0.20	0.20 0.40

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

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Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

## 8081A Organochlorine Pesticides by Gas Chromatography

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D7537031.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 2057		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.15	UJ✓	0.014	0.15
4,4'-DDE	0.10	U	0.0088	0.10
4,4'-DDT	0.10	UJ✓	0.010	0.10
Aldrin	0.050	U	0.0058	0.050
alpha-BHC	0.050	U	0.011	0.050
beta-BHC	0.050	U	0.013	0.050
delta-BHC	0.050	U	0.0022	0.050
Dieldrin	0.10	U	0.0057	0.10
Endosulfan I	0.050	U	0.0035	0.050
Endosulfan II	0.10	UJ✓	0.0035	0.10
Endosulfan sulfate	0.10	U	0.014	0.10
Endrin	0.10	U	0.025	0.10
Endrin aldehyde	0.10	UJ✓	0.028	0.10
Endrin ketone	0.10	UJ✓	0.016	0.10
gamma-BHC (Lindane)	0.050	U	0.0052	0.050
Heptachlor	0.050	UJ✓	0.0078	0.050
Heptachlor epoxide	0.050	U	0.0057	0.050
Methoxychlor	0.50	U	0.041	0.50
Toxaphene	2.5	U	0.21	2.5
alpha-Chlordane	0.050	U	0.0055	0.050
gamma-Chlordane	0.050	U	0.0061	0.050

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	38	29 - 156
Tetrachloro-m-xylene	89	53 - 144

Method:	8081A	Analysis Batch: 220-12701	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	C7537031.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/15/2008 2057		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 uL
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	36	29 - 156
Tetrachloro-m-xylene	87	53 - 144

203114

Jan 2/27/08



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-3708-1

Sdg Number: 220-3708

Client Sample ID: PFH-FIELD BLANK-121707

Lab Sample ID: 220-3708-7FB

Date Sampled: 12/17/2007 1445

Client Matrix: Water

Date Received: 12/18/2007 2020

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-12619	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-12085	Lab File ID:	D4671189.d
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	01/11/2008 1301		Final Weight/Volume:	10.0 mL
Date Prepared:	12/20/2007 2223		Injection Volume:	1 µL
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.072	0.50
PCB-1221	1.0	U	0.23	1.0
PCB-1232	0.50	U	0.11	0.50
PCB-1242	0.50	U	0.11	0.50
PCB-1248	0.50	U	0.15	0.50
PCB-1254	0.50	U	0.037	0.50
PCB-1260	0.50	U	0.064	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	95	53 - 144
DCB Decachlorobiphenyl	43	29 - 156

W3114

nam  
2/27/08

TestAmerica Connecticut

Client Sample ID: PFH-FIELD BLANK-121707

GC Semivolatiles

Lot-Sample #...: A7L200312-006 Work Order #...: KEK0P1AA Matrix.....: WG  
 Date Sampled...: 12/17/07 14:45 Date Received...: 12/20/07  
 Prep Date.....: 12/23/07 Analysis Date...: 12/26/07  
 Prep Batch #...: 7356020  
 Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4,5-T	ND <i>UJ</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	88	(32 - 112)		

*W 3/12* *EM 3/9/08*