

Division of Environmental Remediation

Site Investigation Report



Old Upper Mountain Road Site, Town of Lockport, Niagara County, New York

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New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203

Site Investigation Report

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Town of Lockport,
Niagara County, New York



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1.0 EXECUTIVE SUMMARY

The Old Upper Mountain Road Site consists of seven parcels near the intersection of NY State Routes 31 and 93 in the Town of Lockport, Niagara County, New York (Figure 1-1). The total area of the site is approximately 7 acres in a mixed residential/commercial/industrial neighborhood. The site is bounded on the west by Old Upper Mountain Road, on the south and east by the Somerset Railroad, and on the north by private property and a ravine approximately eighty feet deep known as the Gulf (Figure 1-1). A narrow stream flows along the bottom of the ravine and forms one of the headwaters of the East Branch of Gulf Creek. Gulf Creek flows in a northerly direction from the site and eventually discharges into Eighteenmile Creek approximately one mile to the north. The majority of the site is located on a relatively flat-lying plateau (Figure 1-1).

The Old Upper Mountain Road Site was reportedly operated as a municipal dump by the City of Lockport from 1921 through the 1950's. Access to the landfill at that time was from a viaduct under the railroad track just north of Old Upper Mountain Road (now Otto Place Road; Figure 1-1). In later years, a gate was placed at the viaduct to control unauthorized dumping. Garbage and other wastes were apparently dumped at the landfill, burned, and then pushed into the ravine. Clientele reportedly included Harrison Radiator, VanDeMark Chemical, Milward Alloys, Vanchlor, Upson, and Cotton Batting. Different areas of the dump were reportedly assigned to different companies. Neighboring residents often referred to the Harrison Dump, Upson Dump, etc.

On November 5, 1997 New York State Department of Environmental Conservation (NYSDEC) staff conducted a sampling event at the site. One surface water, one sediment and thirteen waste samples were collected from throughout the site. All thirteen waste samples contained volatile and semivolatile organic compounds, with the concentrations of trichloroethene (1 sample), tetrachloroethene (1 sample), benzo(a)anthracene (1 sample), benzo(a)pyrene (1 sample), benzo(b)fluoranthene (1 sample), benzo(k)fluoranthene (1 sample), chrysene (1 sample), dibenzo(a,h)anthracene (1 sample) and indeno(1,2,3-cd)pyrene (1 sample) exceeding the NYSDEC soil cleanup objectives. Pesticides and PCBs were also detected in several samples, but none of the concentrations exceeded the NYSDEC soil cleanup objectives.

Twenty metals were detected in the waste samples collected by the NYSDEC, with eleven of them being USEPA priority pollutant metals. The priority pollutant metals exceeding the soil cleanup objectives included antimony (10 samples), arsenic (7 samples), cadmium (10 samples), chromium (8 samples), copper (10 samples), lead (12 samples), mercury (5 samples), nickel (4 samples), silver (3 samples), thallium (3 samples) and zinc (6 samples).

The surface water sample contained three volatile organic compounds (1,2-dichloroethene, trichloroethene and tetrachloroethene) at concentrations that exceeded the NYSDEC surface water standards or guidance values. The sediment sample collected from the same location contained one volatile (1,2-dichloroethene), six semivolatile (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene) and eleven metals (antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, nickel, silver and zinc) at concentrations that exceeded the NYSDEC sediment criteria.

On October 20, 1998 the NYSDOH collected one surface water and five surface soil samples from the site. The surface water sample contained seven volatile organic compounds, with the concentrations of 1,2-dichloroethene, trichloroethene, tetrachloroethene and vinyl chloride exceeding the NYSDEC surface water standards or guidance values. The surface soil samples were only analyzed for metals. Seventeen metals were detected in these samples, with the concentrations of thirteen metals exceeding the NYSDEC soil cleanup objectives. Eight of these metals were USEPA priority pollutant metals. The priority pollutant metals exceeding the soil cleanup objectives included arsenic (1 sample), cadmium (5 samples), chromium (4 samples), copper (5 samples), lead (5 samples); mercury (1 sample), nickel (3 samples) and zinc (4 samples).

Between June and October 2007 the NYSDEC conducted a Site Investigation at the site to obtain information sufficient to determine if the Old Upper Mountain Road Site should be included in the Registry of Inactive Hazardous Waste Sites, and if so, what the appropriate site classification should be. The specific objectives of this investigation were to (1) evaluate the site to determine if hazardous wastes or substances were present, and if present, to determine if there was a consequential amount; and (2) determine the degree to which historical waste disposal has contaminated environmental media at and near the site. These objectives were determined through the analysis of surface soil, waste, surface water and sediment samples collected during the Site Investigation.

The stratigraphy of the site was evaluated by examining the stratigraphic logs completed during the Site Investigation. With increasing depth, the geologic units encountered include clean fill, waste and glaciolacustrine silty clays and clayey silts. Clean fill consists predominantly of imported native soil, while the waste material consists predominantly of multi-colored, layered ash. The bedrock underlying the site is the Guelph Dolostone of the Lockport Group.

Saturated soil/waste was not encountered at thicknesses sufficient to justify the installation of micro-wells. As a result, micro-wells were not installed during the Site Investigation, so site hydrogeology could not be evaluated. Based upon a regional groundwater flow map for the area, it is suspected that groundwater under the Old Upper Mountain Road Site flows to the north towards the Gulf.

The results of the Site Investigation indicate that surface soil at the Old Upper Mountain Road Site contains semivolatile organic compounds, pesticides, polychlorinated biphenyls and metals. The concentrations of benzo(a)anthracene (2 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (2 samples), chrysene (2 samples), 4-chloro-3-methylphenol (2 samples), dibenzo(a,h)anthracene (2 samples), indeno(1,2,3-cd)pyrene (2 samples), dieldrin (1 sample), and the USEPA priority pollutant metals antimony (2 samples), arsenic (4 samples), cadmium (3 samples), chromium (5 samples), copper (3 samples), lead (3 samples), mercury (1 sample), nickel (1 sample), silver (1 sample) and zinc (1 sample) exceeded the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives. Of these contaminants, the concentrations of 4-chloro-3-methylphenol (2 samples), antimony (2 samples), cadmium (1 sample), chromium (1 sample), copper (2 samples), lead (3 samples), nickel (1 sample) and zinc (1 sample) significantly exceeded (by a factor of four or more) the soil cleanup objectives. These results are consistent with the historic surface soil samples collected from the site. In addition, some surface soil at the Old Upper Mountain Road Site is a characteristic hazardous waste for lead (D008).

Waste underlying the Old Upper Mountain Road Site contains volatile organic compounds, semivolatile organic compounds, pesticides, polychlorinated biphenyls and metals. The concentrations of tetrachloroethene (2 samples), trichloroethene (2 samples), benzo(a)anthracene (4 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (3 samples), benzo(k)fluoranthene (1 sample), chrysene (3 samples), dibenzo(a,h)anthracene (3 samples), indeno(1,2,3-cd)pyrene (3 samples), pentachlorophenol (1 sample), and the USEPA priority pollutant metals antimony (6 samples), arsenic (11 samples), cadmium (17 samples), chromium (12 samples), copper (15 samples), lead (18 samples), mercury (7 samples), nickel (3 samples) and zinc (9 samples) exceeded the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives. Of these contaminants, the concentrations of tetrachloroethene (2 samples), trichloroethene (2 samples), benzo(a)anthracene (1 sample), benzo(b)fluoranthene (1 sample), chrysene (1 sample), indeno(1,2,3-cd)pyrene (1 sample), antimony (6 samples), cadmium (1 sample), chromium (2 samples), copper (7 samples), lead (14 samples), mercury (2 samples) and zinc (1 sample) significantly exceeded (by a factor of four or more) the soil cleanup objectives. These results are consistent with the historic waste samples collected from the site. In addition, some waste at the Old Upper Mountain Road Site is a characteristic hazardous waste for lead (D008).

The results of the Site Investigation further indicate that surface water at the Old Upper Mountain Road Site contains volatile organic compounds, semivolatile organic compounds, pesticides, polychlorinated biphenyls and metals. The concentrations of chloroform (1 sample), dichloroethene (1 sample), tetrachloroethene (1 sample), trichloroethene (2 samples), benzo(a)anthracene (1 sample), bis(2-ethylhexyl)phthalate (1 sample), heptachlor epoxide (1 sample), and the USEPA priority pollutant metal lead (1 sample) exceeded the NYSDEC surface water standards or guidance values. Of these contaminants, the concentrations of tetrachloroethene (1 sample), benzo(a)anthracene (1 sample) and heptachlor epoxide (1 sample) significantly exceeded (by a factor of four or more) the surface water standards or guidance values. These results are consistent with the historic surface water samples collected from the site.

Sediment at the Old Upper Mountain Road Site contains volatile organic compounds, semivolatile organic compounds, pesticides, polychlorinated biphenyls and metals. The concentrations of dichloroethene (2 samples), benzo(a)anthracene (2 samples), benzo(a)pyrene (2 samples), benzo(b)fluoranthene (2 samples), benzo(k)fluoranthene (2 samples), chrysene (2 samples), indeno(1,2,3-cd)pyrene (2 samples), DDE (1 sample), DDT (1 sample), aldrin (1 sample), BHC (1 sample), dieldrin (1 sample), and the USEPA priority pollutant metals arsenic (1 sample), cadmium (2 samples), chromium (2 samples), copper (2 samples), lead (2 samples), mercury (1 sample), nickel (2 samples) and zinc (2 samples) exceeded the NYSDEC sediment criteria. Of these contaminants, the concentrations of dichloroethene (2 samples), benzo(a)anthracene (2 samples), benzo(a)pyrene (2 samples), benzo(b)fluoranthene (2 samples), benzo(k)fluoranthene (2 samples), chrysene (2 samples), indeno(1,2,3-cd)pyrene (2 samples), DDE (1 sample), arsenic (1 sample), cadmium (1 sample), chromium (1 sample), copper (1 sample), lead (1 sample), nickel (1 sample) and zinc (1 sample) significantly exceeded (by a factor of four or more) the sediment criteria. These results are consistent with the historic sediment samples collected from the site.

In summary, contaminated surface soil and waste at the Old Upper Mountain Road Site have adversely impacted surface water and sediment in Gulf Creek adjacent to the site. Surface soil and waste at the site contain individual volatile organic compounds, semivolatile organic compounds and metals at concentrations that exceed the NYSDEC Part 375 soil cleanup objectives. The concentrations of some of these contaminants exceed the soil cleanup objectives by a factor of four or more. These same contaminants have been detected in surface water and/or sediment at concentrations that exceed the respective standards, criteria and guidance values (SCGs). Eighteenmile Creek, which receives water from Gulf Creek, has been identified by the International Joint Commission as one of the 43 Areas of Concern in the Great Lakes Basin. The NYSDEC has issued a Remedial Action Plan for this creek. The data collected during the Site Investigation suggests that the Old Upper Mountain Road Site is a contaminant contributor to Eighteenmile

Creek.

It should also be stressed that the presence of volatile organic compounds and pesticides in the upstream surface water sample suggests that an upstream source of these contaminants exists in this area of Lockport. This source was not identified during the Site Investigation, although an attempt was made to identify the origin of the storm sewer that discharges into Gulf Creek.

The Site Investigation conducted at the Old Upper Mountain Road Site revealed that consequential amounts of hazardous wastes (D008 - lead) are present at this site. These hazardous wastes have adversely impacted surface water and sediment in Gulf Creek adjacent to the site. In addition, the presence of exposed ash throughout the site may also pose a public health risk due to the high concentrations of contaminants in this waste. As a result, it is recommended that the site be listed in the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites in New York State as a Class 2 site.

2.0 INTRODUCTION

Between June and October 2007 the New York State Department of Environmental Conservation (NYSDEC) conducted a Site Investigation at the Old Upper Mountain Road Site in the Town of Lockport, Niagara County, New York (Figure 1-1). The Old Upper Mountain Road Site, located near the intersection of NY State Routes 31 and 93, occupies a total area of approximately 7 acres in a mixed residential/commercial/industrial neighborhood (Figure 1-1). Although the site is not listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State (Registry), it is included in the NYSDEC's Hazardous Substance Site study. As a result, the Division of Environmental Remediation (DER) conducted a Site Investigation at the site to determine if hazardous wastes or substances were present, and if present, to determine if there was a consequential amount. The Site Investigation was also conducted to determine the degree to which historic waste disposal has contaminated environmental media at and near the site. The study results will be utilized to determine whether the Old Upper Mountain Road Site should be included in the Registry, and if so, what classification the site should be assigned.

This report summarizes the findings of the Site Investigation. The remaining sections of this report are organized as follows:

- **Section 3.0, Site History and Background:** Section 3.0 describes the site, and discusses the disposal history and previous investigations completed at the site;
- **Section 4.0, Study Objectives and Scope of Work:** Section 4.0 describes the objectives of the Site Investigation and the activities that were completed during the Site Investigation;
- **Section 5.0, Geology and Hydrogeology:** Section 5.0 describes the regional and site geology and hydrogeology. The characteristics, areal extent and hydrogeologic properties of the strata are discussed;
- **Section 6.0, Investigation Results:** Section 6.0 describes the findings of the Site Investigation, including general observations and a summary of the analytical results obtained from various environmental media (i.e., surface soil, subsurface soil, surface water and sediment);
- **Section 7.0, Discussion and Recommendation:** Section 7.0 summarizes the findings of the Site Investigation as they relate to the objectives presented in Section 4.0.

Recommendations for future activities regarding the site are also discussed; and

- **Section 8.0, References:** Section 8.0 contains a list of references utilized or cited in the report.

Figures, tables and appendices, in that order, follow Section 8.0.

3.0 SITE HISTORY AND BACKGROUND

3.1 Site Description

The Old Upper Mountain Road Site consists of seven parcels near the intersection of NY State Routes 31 and 93 in the Town of Lockport, Niagara County, New York (Figure 1-1). The site occupies an area of approximately 7 acres in a mixed residential/commercial/industrial neighborhood, and is heavily vegetated with weeds, small bushes and trees. The site is bounded on the west by Old Upper Mountain Road, on the south and east by the Somerset Railroad, and on the north by private property and a ravine approximately eighty feet deep known as the Gulf (Figure 1-1). A narrow stream flows along the bottom of the ravine and forms one of the headwaters of the East Branch of Gulf Creek. Gulf Creek flows in a northerly direction from the site and eventually discharges into Eighteenmile Creek approximately one mile to the north. The majority of the site is located on a relatively flat-lying plateau (Figure 1-1). Evidence of disposal at the site, such as ash, glass, tires, junk autos and boats, and construction and demolition debris was observed during a site reconnaissance in June 2007.

The surface topography of the Old Upper Mountain Road Site is relatively flat-lying, with elevations ranging from approximately 590 to 598 feet above mean sea level (amsl) based upon USGS topographic mapping of the area. North of the plateau the property slopes steeply downward into the Gulf (Figure 1-1). The surface elevation at the bottom of the ravine is approximately 520 ft amsl. From the Gulf the property slopes steeply upward before forming another plateau northwest of the site. Surface elevations in this area range from approximately 590 to 593 feet amsl.

3.2 Site History

3.2.1 Site Discovery

The site was initially discovered in 1993 during a routine inspection of the Lockport City Landfill (NYSDEC Site No. 932010) located north of the Old Upper Mountain Road Site (Figure 1-1). Evidence of ash and glass debris was noted throughout the top portion of the landfill, while recent dumping of trash/rubbish/tires was noted at the southern portion of the site. It also appeared that a significant quantity of waste was pushed over the embankment into the ravine.

3.2.2 Operation History

The Old Upper Mountain Road Site was reportedly rented from Mr. Clapsattle and operated as a municipal dump by the City of Lockport from 1921 through the 1950's. Access to the landfill at that time was from a viaduct under the railroad track just north of Old Upper Mountain Road (now Otto Place Road; Figure 1-1). In later years, a gate was placed at the viaduct to control unauthorized dumping. The gate,

however, was apparently left unlocked and anyone could push it open. Garbage and other wastes were apparently dumped at the landfill, burned, and then pushed into the ravine. The City of Lockport moved its dumping operations in the 1950's to the area known today as the Lockport City Landfill, on property which it reportedly repossessed on taxes.

The Old Upper Mountain Road Site was reportedly used by the same clientele as the City of Lockport Landfill as there was only a shift in location between the two landfills. Clientele reportedly included Harrison Radiator, VanDeMark Chemical, Milward Alloys, Vanchlor, Upson, and Cotton Batting. Different areas of the dump were reportedly assigned to different companies. Neighboring residents often referred to the Harrison Dump, Upson Dump, etc. Several tin shack squatters were observed living at the site salvaging glass, rags and scrap metal.

3.2.3 Previous Investigations

On November 5, 1997 NYSDEC Central Office Division of Hazardous Site Control staff conducted a sampling event at the Old Upper Mountain Road Site. This investigation was intended to serve as the initial step of a Preliminary Site Assessment (PSA) as described in an August 26, 1996 letter to the City of Lockport Mayor. Specifically, the purpose of this field sampling was to determine the level of overall chemical contamination at the site.

One surface water, one sediment and thirteen waste samples were collected from three general areas of the site: the plateau at the top of the bluff surrounding the headwaters area, the eastern precipice of the plateau, and Gulf Creek and its stream banks (Figure 3-1). Five samples were collected from the plateau area, four from the eastern precipice, and five from the Gulf Creek area. The surface water and sediment samples were collected from Gulf Creek. Detailed information concerning sample collection and analysis is given in Table 3-1.

All thirteen waste samples contained volatile organic compounds, with the concentrations of trichloroethene and tetrachloroethene in one sample exceeding the NYSDEC soil cleanup objectives (Table 3-2). All thirteen waste samples also contained semivolatile organic compounds, with the concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene in one sample exceeding the NYSDEC soil cleanup objectives (Table 3-2). Pesticides and PCBs were also detected in several samples, but none of the concentrations exceeded the NYSDEC soil cleanup objectives (Table 3-2).

Twenty metals were detected in the waste samples collected from the site (Table 3-2). Of these compounds, sixteen were detected at concentrations that exceeded the NYSDEC soil cleanup objectives (Table 3-2), with eleven of these metals being USEPA priority pollutant metals. USEPA priority pollutant metals are toxic metals for which technology-based effluent limitations and guidelines are required by Federal law. The priority pollutant metals exceeding the soil cleanup objectives (with the number of exceedances and maximum concentrations) included antimony (10 samples; 415 mg/kg); arsenic (7 samples; 35.6 mg/kg), cadmium (10 samples; 29.2 mg/kg), chromium (8 samples; 148 mg/kg), copper (10 samples; 26,800 mg/kg), lead (12 samples; 56,900 mg/kg); mercury (5 samples; 19.3 mg/kg), nickel (4 samples; 348 mg/kg), silver (3 samples; 147 mg/kg), thallium (3 samples; 5.2 mg/kg) and zinc (6 samples; 6,510 mg/kg).

The surface water sample contained three volatile organic compounds (1,2-dichloroethene, trichloroethene and tetrachloroethene) at concentrations that exceeded the NYSDEC surface water standards or guidance values (Table 3-3). The sediment sample collected from the same location contained one volatile (1,2-dichloroethene), six semivolatile (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene) and eleven metals (antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, nickel, silver and zinc) at concentrations that exceeded the NYSDEC sediment criteria (Table 3-4).

On October 20, 1998 the NYSDOH collected one surface water and five surface soil samples from the site. Detailed information concerning sample collection and analysis is given in Table 3-1. The surface water sample was collected upstream of the surface water sample collected by the NYSDEC the previous year, and analyzed only for volatile organic compounds. This sample contained seven volatile organic compounds, with the concentrations of four compounds (1,2-dichloroethene, trichloroethene, tetrachloroethene and vinyl chloride) exceeding the NYSDEC surface water standards or guidance values (Table 3-3).

The surface soil samples were only analyzed for metals. Seventeen metals were detected in these samples, with the concentrations of thirteen metals exceeding the NYSDEC soil cleanup objectives (Table 3-2). Eight of these metals were USEPA priority pollutant metals. The priority pollutant metals exceeding the soil cleanup objectives (with the number of exceedances and maximum concentrations) included arsenic (1 sample; 18.0 mg/kg), cadmium (5 samples; 62.0 mg/kg), chromium (4 samples; 974 mg/kg), copper (5 samples; 88,700 mg/kg), lead (5 samples; 36,600 mg/kg); mercury (1 sample; 2.0 mg/kg), nickel (3 samples; 995 mg/kg) and zinc (4 samples; 29,600 mg/kg).

4.0 STUDY OBJECTIVES AND SCOPE OF WORK

4.1 Objectives

The overall objective of the Site Investigation was to obtain information sufficient to determine if the Old Upper Mountain Road Site should be included in the Registry of Inactive Hazardous Waste Sites, and if so, what the appropriate Site classification should be. The specific objectives of this investigation were to:

- evaluate the site to determine if hazardous wastes or substances were present, and if present, to determine if there was a consequential amount; and
- determine the degree to which historic waste disposal has contaminated environmental media at and near the site.

These objectives were determined through the analysis of surface soil, waste, surface water and sediment samples collected during the Site Investigation.

4.2 Scope of Work

To meet the study objectives, the following activities were completed during the Site Investigation: (1) a soil boring program, (2) a waste pit sampling program, (3) collection of environmental samples for chemical analysis, and (4) preparation of a site map. These activities are briefly described in the following sections. All field work was conducted in level D personal protective equipment, while air monitoring for organic vapors was completed during intrusive activities by NYSDEC personnel. The direct push vehicle and sampling equipment were deconed prior to the implementation of field activities, with the sampling equipment decontaminated between samples.

4.2.1 Soil Boring Program

During the Site Investigation, sixteen soil borings (SB-1 thru SB-16) were completed throughout the site to evaluate the historic disposal area and to facilitate the collection of subsurface waste samples. The locations of these borings are shown on Figure 4-1. Continuous macro core samples were collected at each location with discrete samples collected for chemical analysis (see Section 4.2.4 below).

4.2.2 Waste Pit Sampling Program

Prior to the start of the soil boring program, five waste samples were collected from pits located throughout the site. The locations of these samples are shown on Figure 4-2. These pits have been dug into the waste by individuals scavenging for antique bottles and other items.

4.2.3 Micro-Wells

It was originally planned to convert four soil borings (SB-2, SB-8, SB-13 and SB-16) into micro-wells to evaluate groundwater flow patterns across the site and to determine whether contamination is migrating from the former disposal area. During implementation of the soil boring program, however, saturated soil/waste was not encountered at thicknesses sufficient to justify the installation of micro-wells. As a result, micro-wells were not installed during the Site Investigation.

4.2.4 Sample Collection and Analysis

With the exception of the macro core samples collected during the soil boring program, all samples were collected by NYSDEC personnel. During the Site Investigation six surface soil samples (Figure 4-2), thirty-three waste samples from five pits and fourteen soil borings (Figure 4-2), two surface water samples (Figure 4-2) and two sediment samples (Figure 4-2) were collected and submitted to Severn Trent Laboratories, Inc. (STL) in Amherst, New York for chemical analysis. Information concerning sample collection and analysis is given in Table 4-1. Groundwater samples were not collected during the Site Investigation because micro-wells were not installed.

4.2.5 Surveying and Mapping

A map of the Old Upper Mountain Road Site was prepared by the NYSDEC as part of the Site Investigation. This map was prepared by digitizing and overlaying Niagara County tax maps, USGS topographic maps and aerial photographs. The final map includes the site boundaries; property boundaries; the ravine; tributaries and streams on and near the site; nearby roadways; all soil boring locations; the locations of historic samples collected at the site; and the locations of all samples collected as part of the Site Investigation. In addition, the latitude, longitude and ground surface elevation at each boring location was surveyed using a handheld Magellan Meridian GPS unit. The coordinates for each boring are given in Appendix B, while the ground surface elevations are given in Table 5-2 and Appendix A.

4.2.6 Report Preparation

This report was prepared to describe the activities completed during the Site Investigation of the Old Upper Mountain Road Site; present the analytical results of the samples collected during the investigation; discuss the results as they relate to the objectives of the investigation; and present recommendations for future activities at the site.

5.0 GEOLOGY AND HYDROGEOLOGY

Site Investigation activities were undertaken, in part, to determine the characteristics, areal extent and hydrogeologic properties of the geologic strata underlying the Old Upper Mountain Road Site. This is important as these attributes of the geologic strata govern the occurrence and flow of groundwater across the site. These attributes also govern the potential for contaminant migration from the site, and determine the rate and extent of this migration. As a result, a detailed evaluation of the geology at the Old Upper Mountain Road Site is essential. Before completing such a detailed evaluation, however, it is important to first describe the regional geologic history of the western New York area as a general knowledge of this history is critical to a complete understanding of the complex interrelationships between the various geologic strata and their hydrogeologic properties.

5.1 Regional Geology

5.1.1 *Surficial Geology*

Geologic evidence suggests that at least four major glacial episodes covered parts of North America during the Pleistocene Epoch (Buehler and Tesmer, 1963). In western New York, however, there is evidence of only two such episodes. The last glacial event in the area, the Wisconsin, eroded and modified the earlier glacial deposits to such an extent that little evidence of their existence remains. These glacial events widened the preexisting valleys and basins, and led to the development of the present day drainage system in western New York (La Sala, 1968).

A complex sequence of proglacial lakes that formed during the final retreat of the Wisconsin ice sheet inundated an extensive area of western New York. This succession originated in the Erie-Huron Basin prior to 14,000 years ago as the ice sheet retreated from the basin. Further retreat produced Lake Arkona about 13,600 years ago (Hough, 1958); a readvance of the ice sheet followed about 13,000 years ago and resulted in a water level increase to the Lake Whittlesey stage. A series of advances and retreats over the next 300 years produced, from latest to earliest, lakes Warren, Wayne, Lowest Warren, Grassmere, Lundy and Tonawanda, the last forming about 9,800 years ago (Calkins and Brett, 1978). To the north, Lake Iroquois occupied the Ontario Basin at this time. This lake sequence was responsible for the deposition of stratified lacustrine clays, silts, sands and gravels that now cover much of western New York.

The Pleistocene Epoch presented a variety of environments that resulted in the deposition of unconsolidated deposits. In the Lockport area these deposits include the following (GZA, 1987; Smith, 1990; Ecology and Environment, 1991):

- Glacial till, consisting of a non-sorted, non-stratified mixture of sand, silt, clay, gravel and rock fragments deposited directly from glacial ice;
- Glaciolacustrine deposits, consisting primarily of silt, sand and clay deposited in lakes that formed during melting of the ice sheets; and
- Glaciofluvial deposits, consisting of sand and gravel deposited either by glacial meltwater streams or by the reworking of till and other glacial deposits along the shore of former glacial lakes.

The thickness of these deposits in the Lockport Area varies considerably, ranging from less than 2 feet near the Niagara Escarpment to approximately 45 feet at the Frontier Pendleton Quarry Site approximately 5 miles southwest of the Old Upper Mountain Road Site (Golder, 1989).

5.1.2 *Bedrock Geology*

The bedrock underlying western New York is characterized as a thick sequence of shales, sandstones, limestones and dolostones deposited in ancient seas during the Silurian and Devonian Periods (Buehler and Tesmer, 1963). This stratigraphic sequence is summarized in Table 5-1. Bedrock bedding generally strikes in an east-west direction, approximately paralleling the Niagara and Onondaga Escarpments, and dips to the south at approximately 30 to 40 feet per mile (Johnson, 1964; La Sala, 1968; Yager and Kappel, 1987). Erosion and weathering, however, have produced local differences in the bedrock surface configuration (Snyder Engineering, 1987).

The uppermost bedrock formation underlying the Old Upper Mountain Road Site is the Guelph Dolostone of the Lockport Group (Table 5-1), which was deposited in a shallow sea environment during the Middle Silurian Period (439-408 million years ago) (Brett et al., 1995). The Lockport Group varies in thickness from 20 to 175 feet (Johnson, 1964; Brett et al., 1995); in the vicinity of the Old Upper Mountain Road Site the thickness of the Lockport Group ranges from 35 to 62 feet. Brett et al (1995, page 45) describe the Lockport Group as a “massive- to medium-bedded, argillaceous dolomite with minor amounts of dolomite and shale.” The upper 10 to 25 feet of the Lockport Group contains abundant bedding planes and vertical fractures enlarged by dissolution and glacial scour (Miller and Kappel, 1987).

5.2 Site Geology

Sixteen soil borings (Figure 4-1) were completed during the Site Investigation to evaluate the stratigraphy of the Old Upper Mountain Road Site. Fourteen of these borings were completed to refusal, while the remaining two borings were completed to a depth of 36 feet (the maximum depth possible with the drilling equipment available). The stratigraphic logs for these borings are given in Appendix A, while a stratigraphic summary of these logs is given in Table 5-2.

5.2.1 *Non-Native Deposits*

Subsurface soil and waste samples were collected continuously from the ground surface to refusal (or 36 feet bgs) at all soil boring locations completed during the Site Investigation. These samples indicate that two non-native deposits underlie the Old Upper Mountain Road Site. These units consist of clean fill (topsoil or imported native soils) and waste material. Clean fill was encountered in thirteen borings completed at the site, and ranged in thickness from 0.1 to 5.1 feet (Table 5-2).

Waste material was encountered in all sixteen borings, and consisted predominantly of multi-colored, layered ash containing glass, rock, ceramic, coal, brick and/or coke, with layers of foundry sand encountered in several borings. Where completely penetrated, the waste material ranged in thickness from 6.0 to 21.2 feet (Table 5-2). The two deep borings penetrated over 33 feet of waste (Table 5-2).

5.2.2 *Glaciolacustrine Deposit*

A relatively thin, glaciolacustrine deposit was encountered in nine of the sixteen borings completed during the Site Investigation, and directly underlies the waste (Table 5-2). This deposit consisted primarily of gray to brown silty clays and clayey silts containing numerous rock fragments, and ranged in thickness from 0.2 to 2.6 feet (Table 5-2). The glaciolacustrine deposit directly overlies a thin veneer of saprolitic (weathered) bedrock.

5.2.3 *Guelph Dolostone*

The uppermost bedrock formation underlying the Old Upper Mountain Road Site is the Guelph Dolostone of the Lockport Group. Bedrock was encountered with certainty in eight borings completed during the Site Investigation. None of these borings, however, penetrated the formation to any significant depth. As a result, the best description of the Lockport Dolostone for this area of Niagara County comes from stratigraphic logs for monitoring wells completed at the nearby Delphi Thermal Site. At this site, the Lockport Dolostone was described as a grey dolomitic limestone that is typically hard and fine grained, and contains vertical and horizontal bedding plane fractures. The thickness of this formation beneath the Delphi

Thermal Site is approximately 40 to 45 feet, but does not have a sharp contact with the underlying Rochester Shale. Depth to bedrock at the Old Upper Mountain Road Site ranged from 12.7 to 22.0 feet (Table 5-2).

5.3 Regional Hydrogeology

Water bearing zones in the Lockport area include unconsolidated glacial deposits and bedrock of the Lockport Group and Rochester Shale (Johnson, 1964; GZA, 1981; EHC, 1989). Most of the unconsolidated deposits in the area consist of fine grained glacial deposits with hydraulic conductivities roughly 10^{-7} cm/s or less (Earth Dimensions, 1980). These deposits, however, often contain horizontal laminations and sand lenses that can produce perched water table conditions, or if areally extensive, can be utilized as sources of water (La Sala, 1968). Because the unconsolidated deposits in the southwestern Lockport area are relatively thin, and horizontal laminations and sand lenses are not common, groundwater yields from these deposits would be too low for domestic or industrial purposes. Overburden groundwater flow in the area, therefore, is expected to be highly localized and discontinuous, with an overall flow toward the Gulf and Eighteenmile Creek.

The Lockport Group consists predominantly of dolostone; however, thin beds of limestone and shaly dolostone, and small irregularly shaped masses of gypsum are common. These thin beds and masses are subject to dissolution by groundwater, resulting in the enlargement of fractures and the formation of migration pathways that can transmit large quantities of groundwater. Groundwater wells completed in the Lockport Group have yields commonly ranging from 10 to 100 gpm (Miller and Kappel, 1987), with yields up to 950 gpm reported (Yager and Kappel, 1987). Groundwater in the Lockport Group is typically either a calcium-sulfate or calcium-bicarbonate water, is very hard, and is highly mineralized; calcium, bicarbonate, magnesium, sulfate and chloride are present in significant concentrations (Johnson, 1964; La Sala, 1968; NYSDEC, 1997). Due to this poor water quality and the nearby presence of the Niagara River, an important source of municipal drinking water throughout Western New York, bedrock groundwater is not extensively utilized as a domestic water source in the Lockport area. Because of the significant well yields, however, groundwater is commonly utilized for industrial purposes (i.e., non-contact cooling; quarry washing operations).

Most recharge to the Lockport Group results from infiltration of rainfall, snowmelt, and surface water through the overburden deposits; subsurface flow of groundwater from areas of higher elevation (e.g., the Niagara Escarpment) also recharges the bedrock aquifer (Johnson, 1964; La Sala, 1968; Miller and Kappel, 1987; Yager and Kappel, 1987). The blocky structure of the native glacial deposits in the southwestern Lockport area likely permits rapid recharge of the upper bedrock aquifer by infiltration. Recharge of deeper

bedrock aquifers by infiltration through the floor of the nearby quarry and Erie Barge Canal is also expected to be rapid.

Groundwater occurs primarily within the Lockport Group in the following types of openings: (1) weathered surface fractures, (2) bedding joints, (3) vertical joints, and (4) small cavities and vugs. The principal control on bedrock groundwater flow, however, is the vertical and horizontal bedding plane fractures. The latter are expected to be the primary groundwater flow pathways in the Lockport Group, especially in the upper unit, which is extensively fractured. Johnson (1964) identified seven such zones in the Niagara Falls area. Similar zones are likely to be found in the Lockport area but have not been extensively studied, nor correlated with those in Niagara Falls. Some horizontal groundwater flow, however, could also occur through small cavities and vugs (Woodward-Clyde and Conestoga-Rovers & Associates, 1992). Vertical movement of groundwater also occurs, especially in the upper 10 to 25 feet of rock where vertical fractures, created by stress relief from tectonic events, glacial rebound (Gross and Engelder, 1991), and quarrying operations (GZA, 1981) have been enlarged by dissolution and/or glacial scour. The extent of vertical groundwater movement within the Lockport Group in the Lockport area, however, is unknown. Where horizontal and vertical fractures intersect, the water bearing capacity of the bedrock is substantially increased. Although such areas have been identified in the Niagara Falls area, little investigation has been conducted to identify such areas in the Lockport area.

5.3.1 Regional Groundwater Flow

There are several natural features and man-made structures that greatly influence bedrock groundwater flow in the southwestern Lockport area, including the Niagara Escarpment and Gulf, the former Frontier Stone Products quarry, and the Erie Barge Canal (Figure 5-1). Prior to the initiation of quarrying operations, little information regarding regional groundwater flow in the upper Lockport Group bedrock is available. It is suspected, however, that historic regional groundwater flow in the southwestern portion of Lockport was largely toward the Gulf, with more localized flow toward the Erie Barge Canal. The initiation of quarrying operations, however, has altered this flow. Water levels measured in area wells indicate that upper bedrock groundwater flows from a roughly north-south trending groundwater divide centered over the Guterl Specialty Steel Corporation Landfill (Figure 5-2). From this divide, groundwater flows west toward the former Frontier Stone Products quarry, while groundwater under the Diamond Shamrock Site and Guterl Excised Area flows east toward the Erie Barge Canal (Figure 5-2). To the north, groundwater under the Delphi Thermal facility flows east toward the Gulf, while groundwater under the Lockport City Landfill flow west toward the Gulf (Figure 5-2).

5.4 Site Hydrogeology

As stated in Section 4.2.3, saturated soil/waste was not encountered at thicknesses sufficient to justify the installation of micro-wells. As a result, the hydrogeology of the Old Upper Mountain Road Site cannot be evaluated. Based upon the regional groundwater flow in the area (Figure 5-2), however, it is suspected that site groundwater flows to the north towards the Gulf.

6.0 INVESTIGATION RESULTS

A brief description of the activities completed during the Site Investigation of the Old Upper Mountain Road Site was presented in Section 4.0. In this section, a detailed evaluation of the observations made during the investigation and the analytical results obtained from the samples are presented. Analytical results are summarized by environmental media (e.g., surface soil, waste, surface water, sediment and groundwater).

For this report, analytical results for surface soil and waste were evaluated against the residential soil cleanup objectives of Table 375-6.8(b) contained in the December 2006 NYSDEC publication entitled “6NYCRR Part 375: Environmental Remediation Programs”. For contaminants not included in Part 375, the soil cleanup objectives identified in the October 1995 NYSDEC publication entitled “*Technical and Administrative Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels*” were utilized. When utilized, the soil cleanup objectives for individual semivolatile organic compounds were taken directly from Table 2 of the TAGM, while the soil cleanup objective for pesticides were taken directly from Table 3. For metals, TAGM 4046 allows the use of background concentrations so long as the background samples are collected from areas not impacted by the site and any other source of contaminants. Background samples, however, were not collected during the Site Investigation of the Old Upper Mountain Road Site. As a result, the background metals concentrations determined during the Site Investigation of the Former Flintkote Plant Site in the City of Lockport, Niagara County, New York (TVGA, 2005) were utilized in this report. This site is located approximately 2.0 miles northeast of the Old Upper Mountain Road Site. The regulatory limits for the hazardous waste characteristics were obtained from the January 1995 NYSDEC publication entitled “6 NYCRR Part 371: Identification and Listing of Hazardous Wastes”.

Analytical results for water samples were evaluated against the water quality standards and guidance values contained in the June 1998 NYSDEC publication entitled “*Technical and Operational Guidance Series (TOGS) 1.1.1: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*”. The surface water standards and guidance values for individual contaminants were taken directly from Table 1.

Sediment criteria were developed from the January 1999 NYSDEC publication entitled “*Technical Guidance for Screening Contaminated Sediments*”. This document contains guidance values for several levels of protection including: (1) human health bioaccumulation, (2) wildlife bioaccumulation, (3) acute toxicity to benthic aquatic life, and (4) chronic toxicity to benthic aquatic life. These guidance values are

derived using equilibrium partitioning methodology and are calculated as a function of the organic carbon content of the sediment being evaluated. The sediment analytical results evaluated during the Site Investigation, however, did not include total organic carbon. As a result, the mean total organic carbon content of 3.14% that was determined during the Remedial Investigation of the Eighteenmile Creek Corridor Site in the City of Lockport, Niagara County, New York (NYSDEC, 2006) was utilized in this report. This site is located approximately 2.0 miles northeast of the Old Upper Mountain Road Site.

For screening purposes, the sediment criteria to protect benthic aquatic life from chronic toxicity were utilized. When these criteria were not available for a particular contaminant, the sediment criteria for human health bioaccumulation were utilized, and if these criteria were not available, the NYSDEC Part 375 soil cleanup objectives for the protection of ecological resources were used. For metals, the lowest effect levels from Table 2 of the *Technical Guidance for Screening Contaminated Sediments* were utilized. When these criteria were not available for a particular metal, the NYSDEC Part 375 soil cleanup objectives for the protection of ecological resources were utilized, and if these criteria were not available, the NYSDEC TAGM 4046 soil cleanup objectives were utilized, which include the site background values obtained during the Flintkote Site Investigation.

6.1 General Observations

The ravine portion of the Old Upper Mountain Road Site is heavily vegetated and contains steep slopes (Figures 6-1 and 6-2) that make travel around this portion of the site extremely difficult and exacerbates the ability to easily inspect the area. Portions of the plateau area of the Old Upper Mountain Road Site are also heavily vegetated with weeds, small bushes and trees (Figures 6-3 thru 6-6). The plateau area of the site, however, contains roadways from a former junk auto operation (Figures 6-4 thru 6-7), so travel around this area was relatively easy, and provided access for the Geoprobe rig to the boring locations.

No buildings were observed on the site. While individuals were not observed on site during any of the Site Investigation activities, evidence of trespassing was observed (e.g., dumping, ATV tracks; Figures 6-8 thru 6-10). Tires from the former junk auto operation also remain on-site (Figure 6-11).

During the site reconnaissance, waste material (primarily ash) was observed at the surface throughout the site (both the plateau and ravine areas). On the plateau portion of the site, pits have been dug into the ash by individuals scavenging for antique bottles and other items (Figures 6-12 thru 6-13). Samples of this ash were collected during the Site Investigation and submitted to Severn Trent Laboratories for chemical analysis. The results of these analyses are described in Sections 6.2 (surface soil) and 6.3 (waste) below.

6.2 Surface Soil

Six surface soil samples from the Old Upper Mountain Road Site were collected during the Site Investigation. The locations of these samples are shown on Figure 4-2. All samples consisted of native soil or fill, and were collected to evaluate the nature of surface soil contamination at the site. All samples were submitted to Severn Trent Laboratories for chemical analysis of Target Analyte List (TAL) metals, with five of these samples also analyzed for Target Compound List (TCL) semivolatile organic compounds (SVOCs), TCL pesticides and TCL polychlorinated biphenyls (PCBs). Three surface soil samples were also analyzed for hazardous waste characteristics using the Toxicity Characteristic Leaching Procedure (TCLP). The analytical results for these samples are summarized in Tables 6-1 and 6-2, while information concerning sample collection and analysis is given in Table 4-1.

Twenty-two semivolatile organic compounds were detected in the surface soil samples with seventeen of these constituents being polycyclic aromatic hydrocarbons (PAHs). PAHs are a group of over 100 different chemicals that are ubiquitous in the environment. Sources of PAHs include incomplete combustion of coal, oil, gasoline, garbage, wood from stoves, automobiles and incinerators. PAHs are also found in coal tar, crude oil, creosote, roofing tar, medicines, dyes, plastics and pesticides. The presence of PAHs in surface soil at the Old Upper Mountain Road Site was not unexpected due to the large quantities of ash found throughout the site. Of these compounds, only benzo(a)anthracene (2 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (2 samples), chrysene (2 samples), dibenzo(a,h)anthracene (2 samples) and indeno(1,2,3-cd)pyrene (2 samples) were detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-1). All of these concentrations, however, were estimated due to their relatively low values.

Phthalates [bis(2-ethylhexyl)phthalate and di-n-octylphthalate] were detected in two of the surface soil samples collected from the site (Table 6-1). None of the concentrations, however, exceeded the NYSDEC TAGM 4046 soil cleanup objectives. There are no NYSDEC Part 375 soil cleanup objectives for these contaminants. Carbazole (2 samples), 4-chloro-3-methylphenol (2 samples) and dibenzofuran (2 samples) were also detected in the surface soil samples with the concentration of 4-chloro-3-methylphenol in two samples exceeding the NYSDEC TAGM 4046 soil cleanup objective for this contaminant (Table 6-1). There is no NYSDEC Part 375 soil cleanup objective for this contaminant, nor are there any soil cleanup objectives for carbazole.

The surface soil samples collected from the Old Upper Mountain Road Site were also analyzed for PCBs and pesticides (Table 6-1). PCBs were only detected in one sample, but at a concentration below the

NYSDEC Part 375 soil cleanup objective. Thirteen pesticides were detected in the surface soil samples collected from the site with only the concentration of dieldrin (1 sample) exceeding the NYSDEC Part 375 soil cleanup objectives (Table 6-1).

Seventeen metals were detected in the surface soil samples collected from the Old Upper Mountain Road Site (Table 6-1). Of these compounds, thirteen were detected at concentrations that exceeded the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives, with ten of these metals being USEPA priority pollutant metals. USEPA priority pollutant metals are toxic metals for which technology-based effluent limitations and guidelines are required by Federal law. The priority pollutant metals exceeding the soil cleanup objectives (with the number of exceedances and maximum concentrations) include: antimony (2 samples; 269 mg/kg), arsenic (4 samples; 37.3 mg/kg), cadmium (3 samples; 55.4 mg/kg), chromium (5 samples; 297 mg/kg), copper (3 samples; 22,300 mg/kg), lead (3 samples; 24,300 mg/kg), mercury (1 sample; 1.9 mg/kg), nickel (1 sample; 1,070 mg/kg), silver (1 sample; 114 mg/kg) and zinc (1 sample; 13,400 mg/kg).

Following a review of the TAL metal results, three surface soil samples were further analyzed for hazardous waste characteristics using the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP results for these samples are summarized in Table 6-2. This table shows that one of the surface soil samples collected from the Old Upper Mountain Road Site failed the TCLP Regulatory Limit for lead, confirming that some surface soil at the site is a characteristic hazardous waste (D008). Table 6-2 also shows that cadmium and chromium can leach from surface soil but at non-hazardous concentrations.

6.3 Waste

Thirty-four waste samples from the Old Upper Mountain Road Site were collected during the Site Investigation. Twenty-nine samples were collected from the borings, four samples were collected from the pits located throughout the site, and one sample was collected near the base of the ravine. The locations of these samples are shown on Figure 4-2. All samples were submitted to Severn Trent Laboratories for chemical analysis; thirty of these samples were analyzed for TAL or RCRA metals, with ten of these samples also analyzed for TCL semivolatile organic compounds, TCL pesticides and TCL PCBs. One of these samples was additionally analyzed for TCL volatile organic compounds. Two samples not analyzed for metals were analyzed for TCL semivolatile organic compounds, TCL pesticides and TCL PCBs. Two additional samples were analyzed for TCL volatile organic compounds only. Following a review of the TAL and RCRA metal results, twenty-three waste samples were further analyzed for hazardous waste characteristics using the Toxicity Characteristic Leaching Procedure (TCLP). These samples were also re-analyzed for total lead for comparison to the initial lead results. The analytical results for these samples are

summarized in Tables 6-2 and 6-3, while information concerning sample collection and analysis is given in Table 4-1.

The results of the organic analyses reveal that both volatile and semivolatile organic compounds were detected in the waste samples collected from the Old Upper Mountain Road Site (Table 6-3). Volatile organic compounds detected in the waste included acetone (1 sample), dichloroethane (2 samples), dichloroethene (2 samples), methylene chloride (3 samples), tetrachloroethene (3 samples), toluene (3 samples), trichloroethane (3 samples) and trichloroethene (3 samples). Of these compounds, only tetrachloroethene (2 samples) and trichloroethene (2 samples) were detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-3).

Twenty-seven semivolatile organic compounds were detected in the waste samples collected from the Old Upper Mountain Road Site (Table 6-3) with seventeen of these constituents being polycyclic aromatic hydrocarbons. Of these compounds, only benzo(a)anthracene (4 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (3 samples), benzo(k)fluoranthene (1 sample), chrysene (3 samples), dibenzo(a,h)anthracene (3 samples) and indeno(1,2,3-cd)pyrene (3 samples) were detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-3).

Phthalates [bis(2-ethylhexyl)phthalate and di-n-octylphthalate] were also detected in the waste samples collected from the site (Table 6-3). None of the concentrations, however, exceeded the NYSDEC TAGM 4046 soil cleanup objectives. There are no NYSDEC Part 375 soil cleanup objectives for these contaminants. Benzaldehyde (1 sample), biphenyl (1 sample), carbazole (6 samples), dibenzofuran (2 samples), hexachlorobenzene (1 sample), 4-methylphenol (1 sample), pentachlorophenol (1 sample) and phenol (1 sample) were also detected in the waste samples with the concentration of pentachlorophenol in one sample exceeding the NYSDEC Part 375 soil cleanup objective for this contaminant (Table 6-3).

The waste samples collected from the Old Upper Mountain Road Site were also analyzed for PCBs and pesticides (Table 6-3). PCBs were detected in only three samples, and at concentrations below the NYSDEC Part 375 soil cleanup objective. Thirteen pesticides were detected in the waste samples collected from the site (Table 6-3). None of the concentrations, however, exceeded the NYSDEC soil cleanup objectives (Table 6-3).

Eighteen metals were detected in the waste samples collected from the Old Upper Mountain Road Site (Table 6-3). Of these compounds, twelve were detected at concentrations that exceeded the NYSDEC

Part 375 or TAGM 4046 soil cleanup objectives, with nine of these metals being USEPA priority pollutant metals. The priority pollutant metals exceeding the soil cleanup objectives (with the number of exceedances and maximum concentrations) include: antimony (6 samples; 276 mg/kg), arsenic (11 samples; 50.8 mg/kg), cadmium (17 samples; 20.9 mg/kg), chromium (12 samples; 238 mg/kg), copper (15 samples; 13,400 mg/kg), lead (18 samples; 77,300 mg/kg), mercury (7 samples; 5.8 mg/kg), nickel (3 samples; 336 mg/kg) and zinc (9 samples; 14,900 mg/kg). The results of the duplicate analyses indicate that precision, expressed in terms of relative percent difference, ranged from 3% to 139%. The RPD for thirteen of the twenty samples, however, was less than 50%. The higher RPDs are likely related to the variable nature of the waste, rather than to field and/or laboratory handling procedures.

Waste at the Old Upper Mountain Road Site is layered, supporting the idea that garbage and other wastes were dumped at the landfill, burned, and then pushed into the ravine. In an effort to better understand the distribution of metals in the waste with depth, and hence time, nine discrete samples from soil boring SB-2 were submitted to Severn Trent Laboratories for chemical analysis of RCRA metals. Figures 6-14A thru F graphically show the results from these analyses for the six metals (arsenic, barium, cadmium, chromium, lead and mercury) detected in every sample. These figures reveal that concentrations vary with depth for each of the metals. These figures further reveal that none of the concentrations within the upper 12 feet of waste, with the exception of lead, exceeded the NYSDEC Part 375 soil cleanup objectives. From 12.0 to 16.0 feet depth, only the concentrations of arsenic, barium, and lead exceeded the NYSDEC Part 375 soil cleanup objectives. From 16.0 to 20.0 feet depth, however, all of the concentrations, with the exception of chromium, exceeded the NYSDEC Part 375 soil cleanup objectives. From 20.0 to 36.0 feet depth, concentrations of arsenic (2 samples), cadmium (2 samples), chromium (1 sample) and lead (4 samples) exceeded the NYSDEC Part 375 soil cleanup objectives. Lead exceeded the NYSDEC Part 375 soil cleanup objective for every sample except the one collected from 4.0 to 8.0 feet depth (Figure 6-14E), while the sample collected from 32.0 to 36.0 feet depth was the only sample to exceed the NYSDEC Part 375 soil cleanup objective for chromium (Figure 6-14D).

Following a review of the TAL and RCRA metal results, twenty-three waste samples were further analyzed for hazardous waste characteristics using the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP results for these samples are summarized in Table 6-2. This table shows that thirteen waste samples collected from the Old Upper Mountain Road Site failed the TCLP Regulatory Limit for lead, confirming that some waste at the site is a characteristic hazardous waste (D008).

6.4 Surface Water

Two surface water samples from the Old Upper Mountain Road Site were collected during the Site Investigation. One sample was collected from a discharge pipe near Old Upper Mountain Road (upstream sample), while the second sample was collected from the base of the ravine near the location of the surface water sample collected by the NYSDOH in 1998 (downstream sample). The locations of these samples are shown on Figure 4-2. These samples were collected to evaluate the nature of surface water contamination entering, and being potentially impacted by, the site. Both samples were submitted to Severn Trent Laboratories for chemical analysis of TCL volatile organic compounds, TCL semivolatile organic compounds, TCL pesticides, TCL PCBs and TAL metals. The analytical results for these samples are summarized in Table 6-4, while information concerning sample collection and analysis is given in Table 4-1.

The results of the organic analyses reveal the presence of both volatile and semivolatile organic compounds in the surface water samples collected from the Old Upper Mountain Road Site (Table 6-4). Eight volatile organic compounds were detected in the surface water samples including bromodichloromethane (1 sample), bromoform (1 sample), chloroform (2 samples), dichloroethene (1 sample), dibromochloromethane (1 sample), tetrachloroethene (1 sample), trichloroethane (1 sample) and trichloroethene (2 samples). Of these compounds, chloroform (1 sample), dichloroethene (1 sample), tetrachloroethene (1 sample) and trichloroethene (2 samples) were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values (Table 6-4).

Eight semivolatile organic compounds were also detected in the surface water samples with five of these constituents being polycyclic aromatic hydrocarbons. Of these compounds, only benzo(a)anthracene (1 sample) was detected at a concentration that exceeded the NYSDEC surface water standards or guidance values (Table 6-4). Three phthalates, including bis(2-ethylhexyl)phthalate (2 samples), butylbenzylphthalate (2 samples) and di-n-octylphthalate (2 samples), were also detected in the surface water samples. Only the concentration of bis(2-ethylhexyl)phthalate in one sample, however, exceeded the NYSDEC surface water standards or guidance values (Table 6-4). This contaminant, however, was also detected in the blank.

The surface water samples collected from the Old Upper Mountain Road Site were also analyzed for PCBs and pesticides (Table 6-4). PCBs were not detected in either sample. Six pesticides were detected in the surface water samples collected from the site with only the concentration of heptachlor epoxide in the upstream sample exceeding the NYSDEC surface water standards or guidance values (Table 6-4).

Eight metals were detected in the surface water samples collected from the Old Upper Mountain Road

Site (Table 6-4). Of these compounds, only aluminum, iron and lead in the downstream sample were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values, with lead being an EPA priority pollutant metal.

6.5 Sediment

Two sediment samples from the Old Upper Mountain Road Site were collected during the Site Investigation. One sample was collected from the SW-1 location (upstream sample), while the second sample was collected from the SW-2 location (downstream sample). The locations of these samples are shown on Figure 4-2. These samples were collected to evaluate the nature of sediment contamination at the site. Both samples were submitted to Severn Trent Laboratories for chemical analysis of TCL volatile organic compounds, TCL semivolatile organic compounds, TCL pesticides, TCL PCBs and TAL metals. One of the sediment samples was also analyzed for TCLP lead. The analytical results for these samples are summarized in Tables 6-2 and 6-5, while information concerning sample collection and analysis is given in Table 4-1.

The results of the organic analyses reveal the presence of both volatile and semivolatile organic compounds in the sediment samples collected from the Old Upper Mountain Road Site (Table 6-5). Five volatile organic compounds were detected in the sediment samples including acetone (2 samples), carbon disulfide (2 samples), dichloroethene (2 samples), tetrachloroethene (1 sample) and trichlorofluoromethane (2 samples). Of these compounds, only dichloroethene (2 samples) was detected at concentrations that exceeded the NYSDEC sediment criteria (Table 6-5).

Ten semivolatile organic compounds were detected in the sediment samples with all ten of these constituents being polycyclic aromatic hydrocarbons. Of these compounds, benzo(a)anthracene (2 samples), benzo(a)pyrene (2 samples), benzo(b)fluoranthene (2 samples), benzo(k)fluoranthene (2 samples), chrysene (2 samples) and indeno(1,2,3-cd)pyrene (2 samples) were detected at concentrations that exceeded the NYSDEC sediment criteria (Table 6-5).

The sediment samples collected from the Old Upper Mountain Road Site were also analyzed for PCBs and pesticides (Table 6-5). PCBs were detected in one sample, but at a concentration below the NYSDEC sediment criteria. Five pesticides were detected in the sediment samples collected from the site with the concentrations of all five pesticides exceeding the NYSDEC sediment criteria (Table 6-5).

Fifteen metals were detected in the sediment samples collected from the Old Upper Mountain Road Site (Table 6-5). Of these compounds, eleven were detected at concentrations that exceeded the NYSDEC

sediment criteria. Eight of these metals are EPA priority pollutant metals. The priority pollutant metals exceeding the sediment criteria (with the number of exceedances and maximum concentrations) include: arsenic (1 sample; 64.7 mg/kg), cadmium (2 samples; 4.5 mg/kg), chromium (2 samples; 131 mg/kg), copper (2 samples; 562 mg/kg), lead (2 samples; 1,230 mg/kg), mercury (1 sample; 0.166 mg/kg), nickel (2 samples; 180 mg/kg) and zinc (2 samples; 8,170 mg/kg).

Following a review of the TAL metal results, one sediment sample was further analyzed for hazardous waste characteristics using the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP results for this sample are summarized in Table 6-2. This table shows that sediment at the Old Upper Mountain Road Site is not a characteristic hazardous waste, although lead can leach from this sediment at low concentrations.

6.6 Groundwater

Saturated soil/waste was not encountered at thicknesses sufficient to justify the installation of micro-wells. As a result, groundwater samples were not collected during the Site Investigation.

7.0 DISCUSSION AND RECOMMENDATION

7.1 Discussion

The overall objective of the Site Investigation was to obtain information sufficient to determine if the Old Upper Mountain Road Site should be included in the Registry of Inactive Hazardous Waste Sites, and if so, what the appropriate site classification should be. The specific objectives of this investigation were to: (1) evaluate the site to determine if hazardous wastes or substances were present, and if present, to determine if there was a consequential amount, and (2) to determine the degree to which historic waste disposal has contaminated environmental media at and near the site. These objectives were evaluated through the analysis of surface soil, waste, surface water and sediment samples obtained during the Site Investigation. This section discusses the analytical results presented in Section 6.0 as they relate to these objectives.

7.1.1 Hazardous Waste Characteristics

The results of the Site Investigation indicate that one surface soil sample and twelve waste samples collected from the Old Upper Mountain Road Site failed the TCLP Regulatory Limit for lead (Table 6-2 and Figure 7-1), indicating that characteristic hazardous waste (D008) is present at the site. Although not all samples failed TCLP, the areal distribution (Figure 7-1) and variable depth (Table 6-2 and Figure 7-1) of TCLP failures suggest that a consequential amount of hazardous waste is present at the site. In addition, the lead concentrations (28,000 mg/kg to 56,900 mg/kg; Table 3-2) in three historic samples collected from the site may also have failed the TCLP Regulatory Limit for lead had these samples been analyzed by the TCLP test.

7.1.2 Volatile Organic Compounds (VOCs)

The surface soil samples collected from the Old Upper Mountain Road Site during the Site Investigation were not analyzed for volatile organic compounds because these contaminants are generally absent or at low concentrations in surface soil due to volatilization. Two historic surface soil samples, however, were analyzed for volatile organic compounds. Volatile organic compounds detected in these samples including tetrachloroethene (1 sample), trichloroethane (2 samples) and trichloroethene (1 sample). None of the concentrations exceeded the NYSDEC Part 375 soil cleanup objectives (Table 3-2).

Three waste samples were analyzed for volatile organic compounds based upon PID readings detected during the soil boring program. Volatile organic compounds detected in the waste included acetone (1 sample), dichloroethane (2 samples), dichloroethene (2 samples), methylene chloride (3 samples), tetrachloroethene (3 samples), toluene (3 samples), trichloroethane (3 samples) and trichloroethene (3 samples). Of these compounds, only tetrachloroethene (2 samples) and trichloroethene (2 samples) were

detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-3). The concentration of both contaminants exceeded the soil cleanup objectives by a factor of four or more. Dichloroethane (3 samples), tetrachloroethene (10 samples), toluene (3 samples), trichloroethane (11 samples), trichloroethene (9 samples) and xylenes (1 sample) have historically been detected in waste samples collected from the site with concentrations of tetrachloroethene (1 sample) and trichloroethene (1 sample) having exceeded the NYSDEC Part 375 soil cleanup objectives (Table 3-2). The concentration of tetrachloroethene exceeded the soil cleanup objectives by a factor of four or more.

Eight volatile organic compounds were detected in the surface water samples collected during the Site Investigation at the Old Upper Mountain Road Site including bromodichloromethane (1 sample), bromoform (1 sample), chloroform (2 samples), dichloroethene (1 sample), dibromochloromethane (1 sample), tetrachloroethene (1 sample), trichloroethane (1 sample) and trichloroethene (2 samples). Of these compounds, chloroform (1 sample), dichloroethene (1 sample), tetrachloroethene (1 sample) and trichloroethene (2 samples) were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values (Table 6-4). Chloroform (1 sample), dichloroethane (1 sample), dichloroethene (2 samples), tetrachloroethene (2 samples), trichloroethane (1 sample), trichloroethene (2 samples) and vinyl chloride (1 sample) have historically been detected in surface water at the site with concentrations of dichloroethene (2 samples), tetrachloroethene (2 samples), trichloroethene (2 samples) and vinyl chloride (1 sample) having exceeded the NYSDEC surface water standards or guidance values (Table 3-3). The concentrations of individual volatile organic compounds detected in the surface water samples collected during the Site Investigation were similar to those detected in 1997, but substantially lower than the concentrations detected in 1998 (compare Table 3-3 to Table 6-4). The exact cause of this discrepancy is unknown, but may be related to variable flow rates in Gulf Creek.

Five volatile organic compounds were detected in the sediment samples collected during the Site Investigation at the Old Upper Mountain Road Site including acetone (2 samples), carbon disulfide (2 samples), dichloroethene (2 samples), tetrachloroethene (1 sample) and trichlorofluoromethane (2 samples). Of these compounds, only dichloroethene (2 samples) was detected at a concentration that exceeded the NYSDEC sediment criteria (Table 6-5). Dichloroethene (1 sample) and trichloroethene (1 sample) have historically been detected in sediment from the site with concentrations of dichloroethene (1 sample) having exceeded the NYSDEC sediment criteria (Table 3-3).

In conclusion, volatile organic compounds were detected in waste samples collected from the Old Upper Mountain Road Site at concentrations that exceeded standards, criteria and guidance values (SCGs).

Although limited in extent, volatiles organic compounds in the waste have the potential to adversely impact other environmental media at and near the site due to the significant concentrations of tetrachloroethene and trichloroethene (Tables 3-2 and 6-3). This potential appears to be best borne out by the results obtained on surface water samples collected from the site; both contaminants were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values (Tables 3-3 and 6-4). Other volatile organic compounds detected in the waste samples (e.g., dichloroethene) have also been detected in the surface water samples at concentrations that exceeded the NYSDEC surface water standards or guidance values (Tables 3-3 and 6-4). The presence of volatile organic compounds in the upstream surface water sample suggests, however, that an upstream source of volatile organic compounds exists in this area of Lockport. This source was not identified during the Site Investigation, although an attempt was made to identify the origin of the storm sewer that discharges to Gulf Creek.

Dichloroethene (3 samples) was the only volatile organic compound detected in sediment at concentrations that exceeded the NYSDEC sediment criteria (Tables 3-4 and 6-5). The sediment criterion utilized for this contaminant is for the protection of human health bioaccumulation. As a result, the presence of volatile organic compounds in sediment at the Old Upper Mountain Road Site may present a public health risk to fishermen and other recreational users at and near the site.

7.1.3 Semivolatile Organic Compounds (SVOCs)

Twenty-two semivolatile organic compounds were detected in the surface soil samples collected during the Site Investigation at the Old Upper Mountain Road Site. The majority of these contaminants were polycyclic aromatic hydrocarbons. Of these compounds, only benzo(a)anthracene (2 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (2 samples), chrysene (2 samples), dibenzo(a,h)anthracene (2 samples) and indeno(1,2,3-cd)pyrene (2 samples) were detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-1). Chrysene was the only PAH detected in the historic surface soil samples collected from the site but at a concentration that did not exceed the NYSDEC Part 375 soil cleanup objective (Table 3-2).

Bis(2-ethylhexyl)phthalate (2 samples), di-n-octylphthalate (2 samples), carbazole (2 samples), 4-chloro-3-methylphenol (2 samples) and dibenzofuran (2 samples) were also detected in the surface soil samples collected during the Site Investigation (Table 6-1). Of these compounds, only 4-chloro-3-methylphenol (2 samples) was detected at concentrations that exceeded the NYSDEC TAGM 4046 soil cleanup objective. The concentration of this contaminant in both samples exceeded the soil cleanup objective by a factor of four or more. There is no NYSDEC Part 375 soil cleanup objective for this contaminant.

Bis(2-ethylhexyl)phthalate was also detected in both surface soil samples collected in 1997 but at concentrations that did not exceed the NYSDEC soil cleanup objective (Table 3-2).

Twenty-seven semivolatile organic compounds were detected in the waste samples collected during the Site Investigation at the Old Upper Mountain Road Site. The majority of these contaminants were polycyclic aromatic hydrocarbons. Of these compounds, only benzo(a)anthracene (4 samples), benzo(a)pyrene (3 samples), benzo(b)fluoranthene (3 samples), benzo(k)fluoranthene (1 sample), chrysene (3 samples), dibenzo(a,h)anthracene (3 samples) and indeno(1,2,3-cd)pyrene (3 samples) were detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 6-3). The concentrations of benzo(a)anthracene (1 sample), benzo(b)fluoranthene (1 sample), chrysene (1 sample) and indeno(1,2,3-cd)pyrene (1 sample) exceeded the soil cleanup objectives by a factor of four or more. Semivolatile organic compounds were also detected in the historic waste samples collected from the site with the concentrations of benzo(a)anthracene (1 sample), benzo(a)pyrene (1 sample), benzo(b)fluoranthene (1 sample), benzo(k)fluoranthene (1 sample), chrysene (1 sample), dibenzo(a,h)anthracene (1 sample) and indeno(1,2,3-cd)pyrene (1 sample) detected at concentrations that exceeded the NYSDEC Part 375 soil cleanup objectives (Table 3-2). All of these concentrations, with the exception of dibenzo(a,h)anthracene, exceeded the soil cleanup objectives by a factor of four or more.

Bis(2-ethylhexyl)phthalate (5 samples), di-n-octylphthalate (2 samples), benzaldehyde (1 sample), biphenyl (1 sample), carbazole (6 samples), dibenzofuran (2 samples), hexachlorobenzene (1 sample), 4-methylphenol (1 sample), pentachlorophenol (1 sample) and phenol (1 sample) were also detected in the waste samples collected during the Site Investigation (Table 6-3). Of these compounds, only pentachlorophenol (1 sample) was detected at a concentration that exceeded the NYSDEC Part 375 soil cleanup objectives (Tables 6-3). Bis(2-ethylhexyl)phthalate (9 samples) and carbazole (3 samples) were also detected in the waste samples collected in 1997 but at concentrations that did not exceed the NYSDEC Part 375 or TAGM 4046 soil cleanup objective (Table 3-2).

Eight semivolatile organic compounds were detected in the surface water samples collected during the Site Investigation including benzo(a)anthracene (1 sample), bis(2-ethylhexyl)phthalate (2 samples), butylbenzylphthalate (2 samples), di-n-octylphthalate (2 samples), fluoranthene (1 sample), naphthalene (1 sample), phenanthrene (1 sample) and pyrene (1 sample). Of these compounds, only benzo(a)anthracene (1 sample) and bis(2-ethylhexyl)phthalate (1 sample) were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values (Table 6-4). The concentration of benzo(a)anthracene exceeded the surface water guidance value by a factor of four or more. Semivolatile organic compounds were

not detected in the surface water sample collected in 1997 (Table 3-3); the 1998 sample was not analyzed for these contaminants.

Ten semivolatile organic compounds were detected in the sediment samples collected during the Site Investigation with all ten of these constituents being polycyclic aromatic hydrocarbons. Of these compounds, benzo(a)anthracene (2 samples), benzo(a)pyrene (2 samples), benzo(b)fluoranthene (2 samples), benzo(k)fluoranthene (2 samples), chrysene (2 samples) and indeno(1,2,3-cd)pyrene (2 samples) were detected at concentrations that exceeded the NYSDEC sediment criteria (Table 6-5), with all concentrations exceeding the sediment criteria by a factor of four or more. These contaminants were also detected in the sediment sample collected in 1997 at concentrations that exceeded the NYSDEC sediment criteria (Table 3-3).

In conclusion, semivolatile organic compounds were detected in surface soil and waste samples collected from the Old Upper Mountain Road Site at concentrations that exceeded SCGs. Several of these contaminants exceeded the soil cleanup objectives by a factor of four or more, suggesting that surface soil and waste have the potential to adversely impact other environmental media at and near the site. This potential appears to be best borne out by the results obtained on sediment samples collected from the site; the individual semivolatile organic compounds that significantly exceed (by a factor of four or more) the sediment criteria are the same contaminants that significantly exceeded the soil cleanup objectives in surface soil and waste samples collected from the site. The concentrations of the individual contaminants are also similar (compare Tables 6-1 and 6-3 with Table 6-5). The presence of semivolatile organic compounds in surface soil and waste, however, does not appear to have significantly impacted surface water at the site. This is not surprising as PAHs are not very water soluble. The presence of exposed ash throughout the site may also pose a public health risk due to the high concentrations of semivolatile organic compounds in this waste.

7.1.4 Pesticides

Thirteen pesticides were detected in the surface soil and waste samples collected during the Site Investigation of the Old Upper Mountain Road Site including aldrin (8 samples), BHC (9 samples), chlordane (6 samples), DDD (2 samples), DDE (7 samples), DDT (13 samples), dieldrin (6 samples), endosulfan II (4 samples), endosulfan sulfate (4 samples), endrin (1 sample), endrin aldehyde (3 samples), endrin ketone (1 sample) and methoxychlor (4 samples). Only the concentration of dieldrin in one surface soil sample, however, exceeded the NYSDEC soil cleanup objectives (Tables 6-1 and 6-3). These results are consistent with the historic surface soil and waste samples collected from the site; the only pesticides detected were DDD (2 samples) and DDT (5 samples) with none of the concentrations exceeding the Part 375 soil cleanup

objectives for these contaminants (Table 3-2).

Six pesticides were detected in the surface water samples collected during the Site Investigation including BHC (1 sample), chlordane (1 sample), DDT (1 sample), dieldrin (1 sample), endrin (1 sample) and heptachlor epoxide (1 sample). Of these compounds, only heptachlor epoxide in the upstream sample was detected at a concentration that exceeded the NYSDEC surface water standards or guidance values (Table 6-4). Pesticides were not detected in the surface water sample collected from the site in 1997 (Table 3-3); the 1998 sample was not analyzed for these contaminants.

Five pesticides were detected in the sediment samples collected during the Site Investigation including aldrin (1 sample), BHC (1 sample), DDE (1 sample), DDT (1 sample) and dieldrin (2 samples). The concentrations of all five pesticides exceeded the NYSDEC sediment criteria (Table 6-5), with the concentration of DDE exceeding the soil cleanup objectives by a factor of four or more. Pesticides were not detected in the sediment sample collected from the site in 1997 (Table 3-4).

In conclusion, pesticides were detected in the surface soil, waste, surface water and sediment samples collected from the Old Upper Mountain Road Site. Dieldrin (1 sample), however, was the only pesticide in surface soil and waste that exceeded the NYSDEC soil cleanup objectives (Tables 6-1 and 6-3). As a result, the presence of pesticides in surface soil and waste does not appear to be the source of pesticides in surface water and sediment in Gulf Creek. In addition, the presence of pesticides in the upstream surface water sample suggests that an upstream source of these contaminants exists in this area of Lockport. This source was not identified during the Site Investigation, although an attempt was made to identify the origin of the storm sewer that discharges to Gulf Creek.

7.1.5 Polychlorinated Biphenyls (PCBs)

PCBs were detected in the surface soil, waste and sediment samples collected from the Old Upper Mountain Road Site during the Site Investigation (Tables 6-1, 6-3 and 6-5). None of the concentrations, however, exceeded SCGs. PCBs were also detected in the historic surface soil and waste samples collected from the site, but none of the concentrations exceeded the NYSDEC Part 375 soil cleanup objective (Table 3-2). PCBs were not detected in the surface water samples collected during the Site Investigation (Table 6-4), nor were they detected in the 1997 sample (Table 3-3); the 1998 sample was not analyzed for these contaminants. As a result, PCBs at the Old Upper Mountain Road Site do not pose an environmental concern or a public health risk.

7.1.6 *Metals*

Seventeen metals were detected in the surface soil samples collected during the Site Investigation at the Old Upper Mountain Road Site (Table 6-1). Of these compounds, thirteen were detected at concentrations that exceeded the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives, with ten of these metals being USEPA priority pollutant metals (Table 6-1). The priority pollutant metals exceeding the soil cleanup objectives include antimony (2 samples), arsenic (4 samples), cadmium (3 samples), chromium (5 samples), copper (3 samples), lead (3 samples), mercury (1 sample), nickel (1 sample), silver (1 sample) and zinc (1 sample). The concentrations of antimony (2 samples), cadmium (1 sample), chromium (1 sample), copper (2 samples), lead (3 samples), nickel (1 sample) and zinc (1 sample) exceeded the soil cleanup objectives by a factor of four or more. Metals were also detected in the historic surface soil samples collected from the site (Table 3-2). The priority pollutant metals exceeding the soil cleanup objectives in these samples include cadmium (6 samples), chromium (5 samples), copper (6 samples), lead (6 samples), mercury (1 sample), nickel (4 samples) and zinc (4 samples). The concentrations of cadmium (3 samples), chromium (1 sample), copper (5 samples), lead (4 samples), nickel (4 samples) and zinc (1 sample) exceeded the soil cleanup objectives by a factor of four or more.

Eighteen metals were detected in the waste samples collected during the Site Investigation (Table 6-3). Of these compounds, twelve were detected at concentrations that exceeded the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives, with nine of these metals being USEPA priority pollutant metals. The priority pollutant metals exceeding the soil cleanup objectives include antimony (6 samples), arsenic (11 samples), cadmium (17 samples), chromium (12 samples), copper (15 samples), lead (18 samples), mercury (7 samples), nickel (3 samples) and zinc (9 samples). The concentrations of antimony (6 samples), cadmium (1 sample), chromium (2 samples), copper (7 samples), lead (14 samples), mercury (2 samples) and zinc (1 sample) exceeded the soil cleanup objectives by a factor of four or more. Metals were also detected in the historic waste samples collected from the site (Table 3-2). The priority pollutant metals exceeding the soil cleanup objectives in these samples include antimony (10 samples), arsenic (7 samples), cadmium (9 samples), chromium (7 samples), copper (9 samples), lead (11 samples), mercury (5 samples), nickel (3 samples), silver (3 samples), thallium (3 samples) and zinc (6 samples). The concentrations of antimony (8 samples), cadmium (6 samples), chromium (1 sample), copper (6 samples), lead (8 samples), mercury (1 sample) and silver (1 sample) exceeded the soil cleanup objectives by a factor of four or more.

Eight metals were detected in the surface water samples collected during the Site Investigation (Table 6-4). Of these compounds, only aluminum (1 sample), iron (1 sample) and lead (1 sample) were detected at concentrations that exceeded the NYSDEC surface water standards or guidance values. Lead is an EPA

priority pollutant metal. Metals were also detected in the historic surface water samples collected from the site. None of the concentrations, however, exceeded the NYSDEC surface water standards or guidance values (Table 3-3).

Fifteen metals were detected in the sediment samples collected during the Site Investigation with eleven of these compounds detected at concentrations that exceeded the NYSDEC sediment criteria. Eight of these metals are EPA priority pollutant metals. The priority pollutant metals exceeding the sediment criteria include arsenic (1 sample), cadmium (2 samples), chromium (2 samples), copper (2 samples), lead (2 samples), mercury (1 sample), nickel (2 samples) and zinc (2 samples). The concentrations of arsenic (1 sample), cadmium (1 sample), chromium (1 sample), copper (1 sample), lead (1 sample), nickel (1 sample) and zinc (1 sample) exceeded the sediment criteria by a factor of four or more. Metals were also detected in the historic sediment sample collected from the site (Table 3-4). The priority pollutant metals exceeding the sediment criteria in this sample include antimony, arsenic, cadmium, chromium, copper, lead, nickel, silver and zinc. The concentrations of antimony, cadmium, copper, lead, silver and zinc exceeded the soil cleanup objectives by a factor of four or more.

In conclusion, metals were detected in the surface soil and waste samples collected from the Old Upper Mountain Road Site at concentrations that exceeded SCGs. Several metals exceeded the soil cleanup objectives by a factor of four or more, suggesting that surface soil and waste have the potential to adversely impact other environmental media at and near the site. This potential appears to be best borne out by the results obtained on sediment samples collected from the site; the individual metals that significantly exceed (by a factor of four or more) the sediment criteria are the same metals that significantly exceed the soil cleanup objectives in surface soil and waste samples collected from the site. In addition, all of the significant metal exceedances in sediment occurred in the downgradient samples. The presence of metals in these samples likely results from the erosion of waste material from the ravine into the creek below. The presence of metals in surface soil and waste, however, does not appear to have significantly impacted surface water at the site. The presence of exposed ash throughout the site may also pose a public health risk due to the high concentrations of metals in this waste.

7.2 Recommendation

Characteristic hazardous waste (D008 - lead) has been documented at the Old Upper Mountain Road Site. Although not all samples failed TCLP, the areal distribution (Figure 7-1) and variable depth (Table 6-2 and Figure 7-1) of TCLP failures suggest that a consequential amount of hazardous waste is present at the site. This waste also contains volatile organic compounds, semivolatile organic compounds and other metals

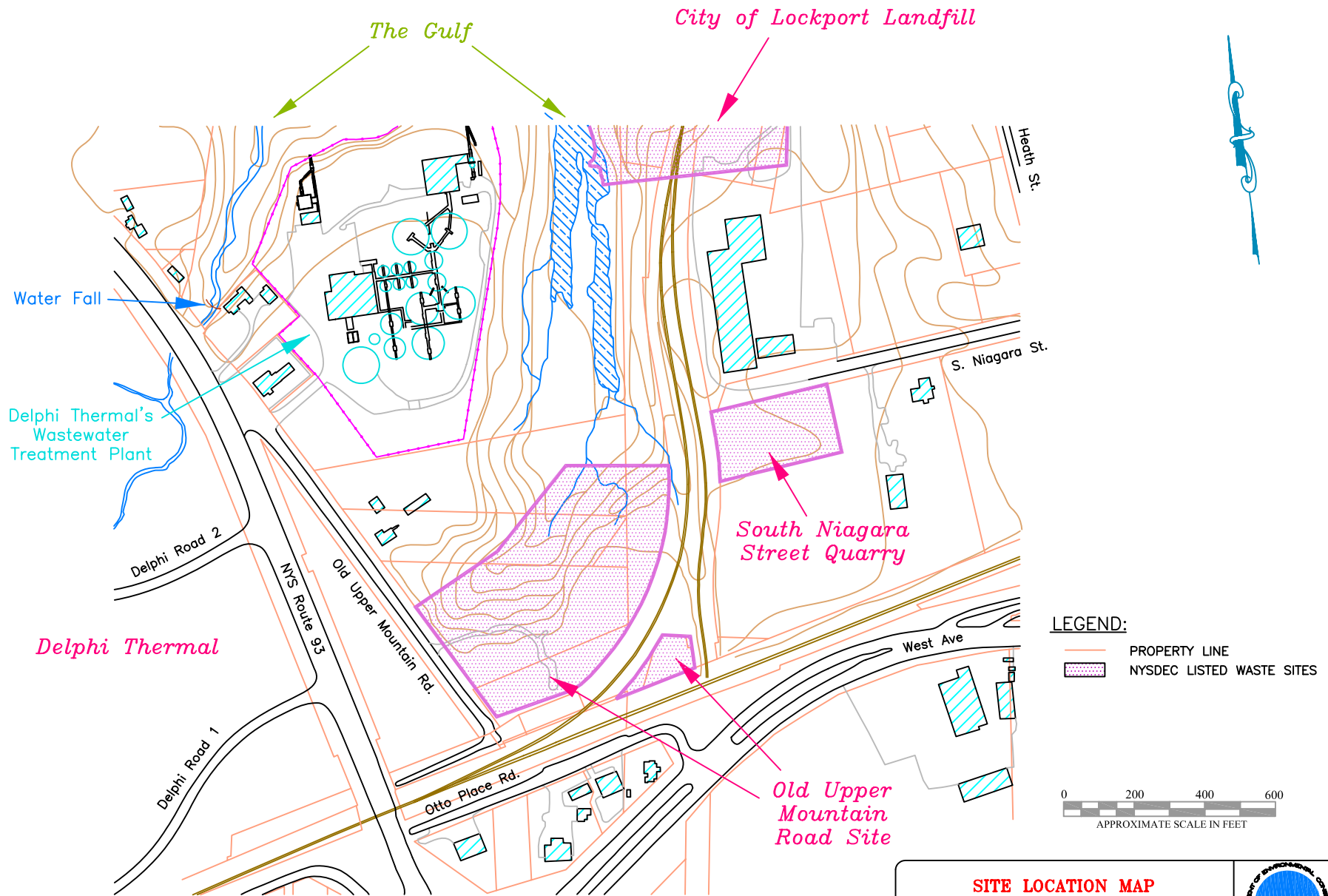
at concentrations that exceed the NYSDEC Part 375 or TAGM 4046 soil cleanup objectives. The concentrations of many of these contaminants exceeded the soil cleanup objectives by a factor of four or more. Similar contaminants have also been detected in surface water and/or sediment in Gulf Creek adjacent to the site, suggesting that contaminated surface soil and waste has adversely impacted these environmental media. Eighteenmile Creek, which receives water from Gulf Creek, has been identified by the International Joint Commission as one of the 43 Areas of Concern in the Great Lakes Basin. The NYSDEC has issued a Remedial Action Plan for this creek. The data collected during the Site Investigation suggests that the Old Upper Mountain Road Site is a contaminant contributor to Eighteenmile Creek. As a result, it is recommended that the Old Upper Mountain Road Site be listed in the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites in New York State as a Class 2 site.

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FIGURES



SITE LOCATION MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

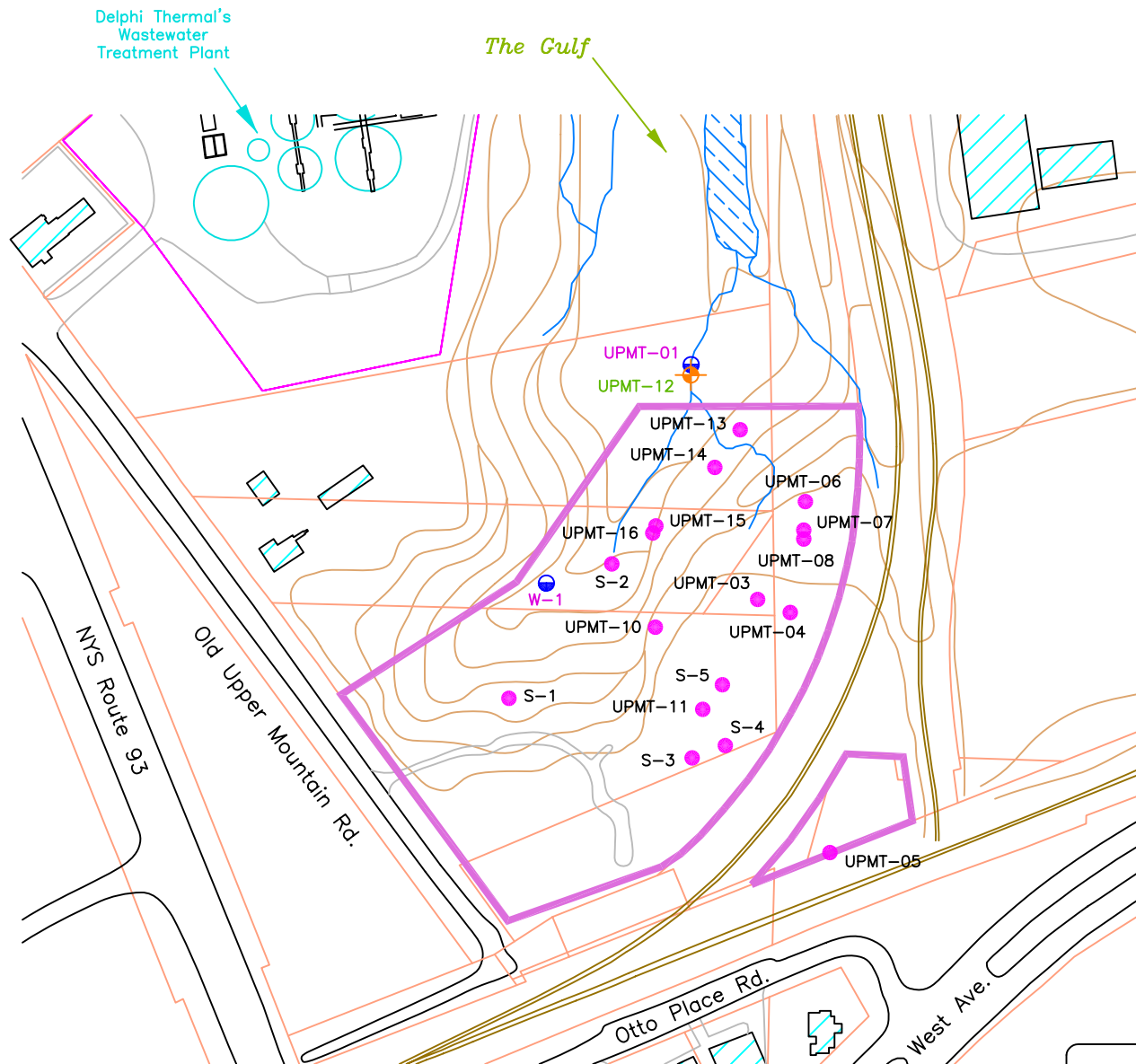
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DRAWING: Upper Mtn Road.dwg

PROJECT: UPPER MOUNTAIN ROAD SITE

FIGURE 1-1





LEGEND:

- SOIL AND WASTE SAMPLE
- WATER SAMPLE
- SEDIMENT SAMPLE

ALL SAMPLE LOCATIONS ARE APPROXIMATE



HISTORIC SAMPLE LOCATION MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

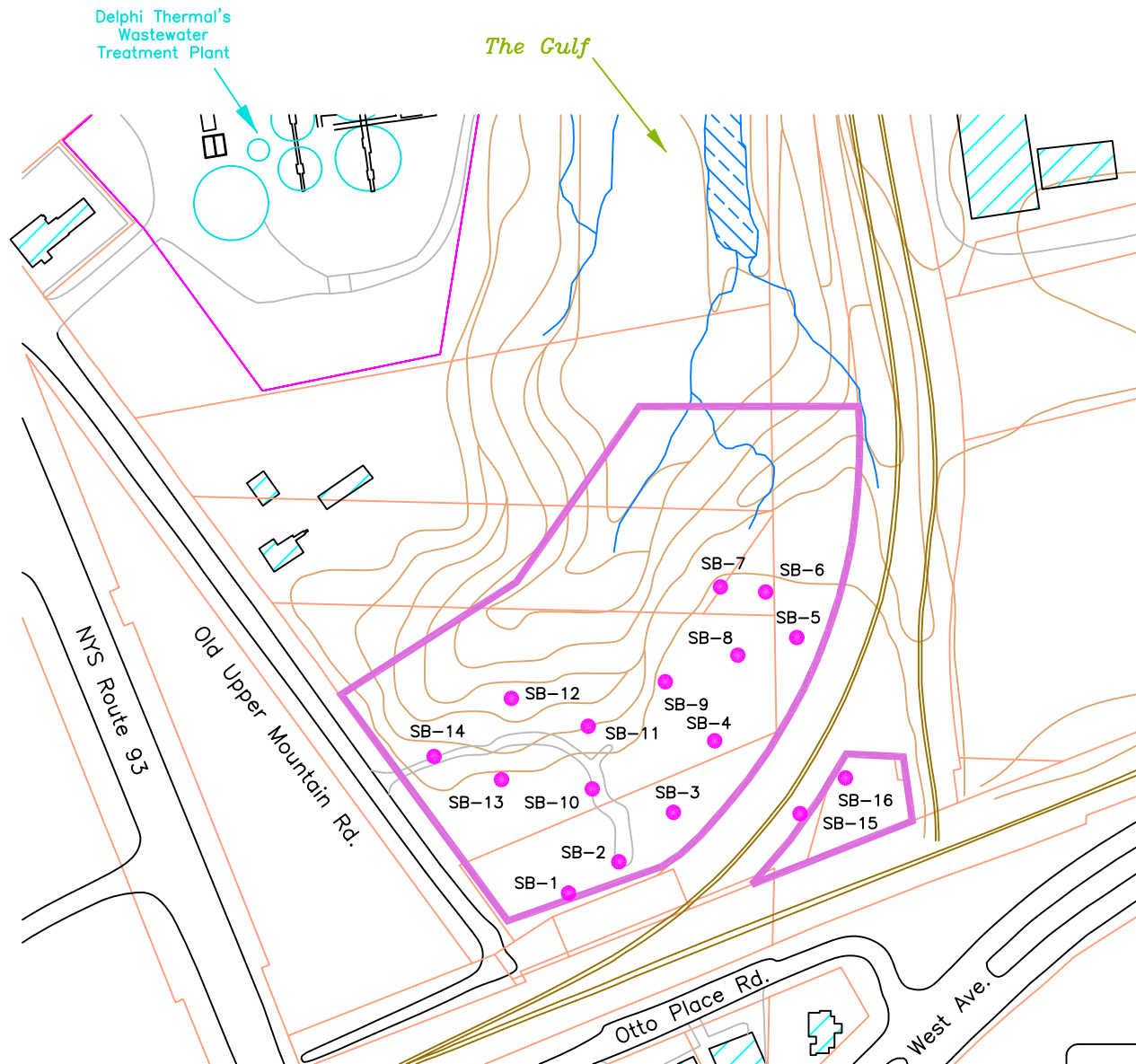
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PROJECT: UPPER MOUNTAIN ROAD SITE



FIGURE 3-1



LEGEND:

● SOIL BORING



SOIL BORING LOCATION MAP

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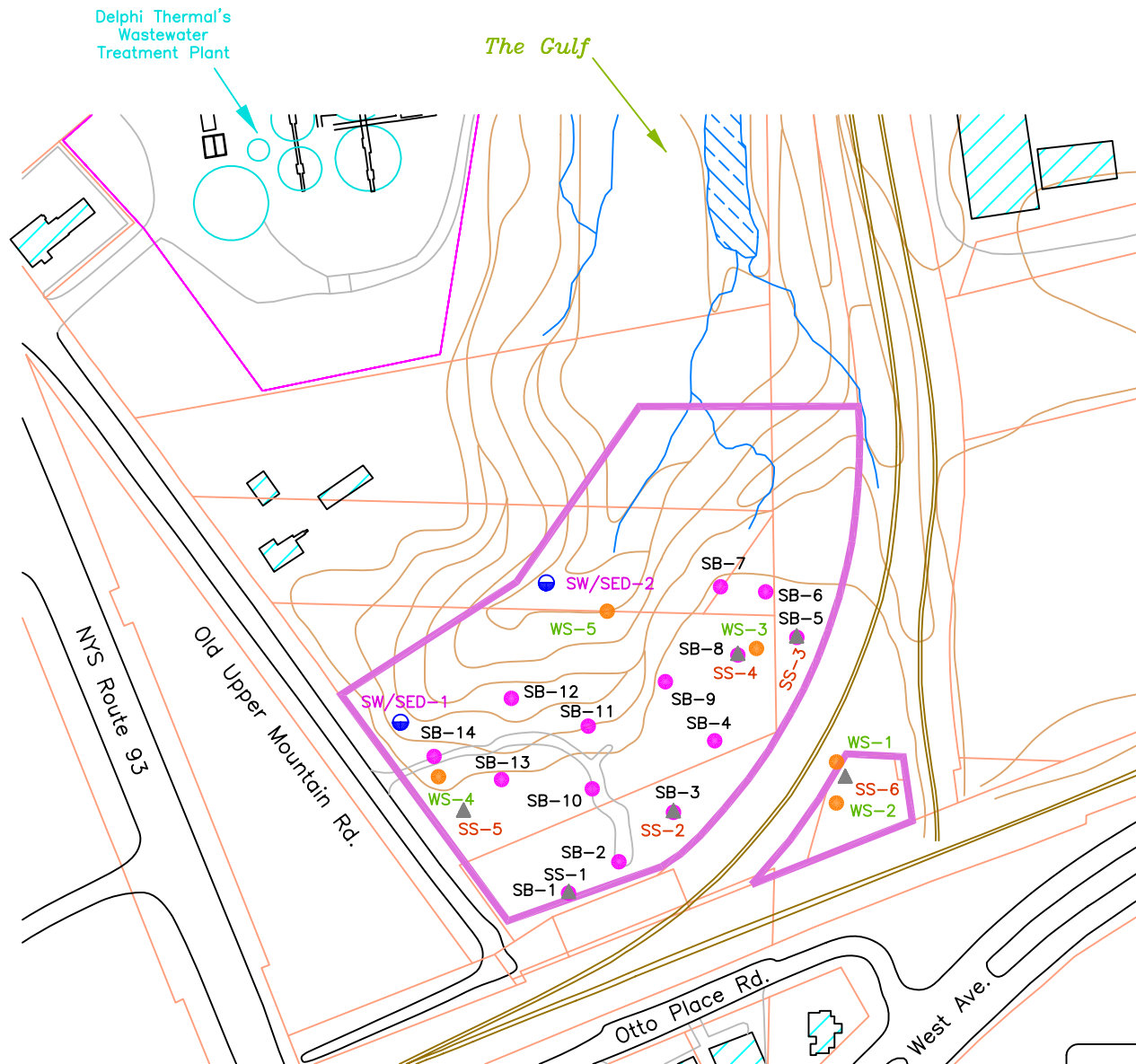
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PROJECT: UPPER MOUNTAIN ROAD SITE

FIGURE 4-1





LEGEND:

- WASTE SAMPLE FROM PIT
- WASTE SAMPLE FROM SOIL BORING
- SURFACE WATER/SEDIMENT SAMPLE
- ▲ SURFACE SOIL SAMPLE



SAMPLE LOCATION MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

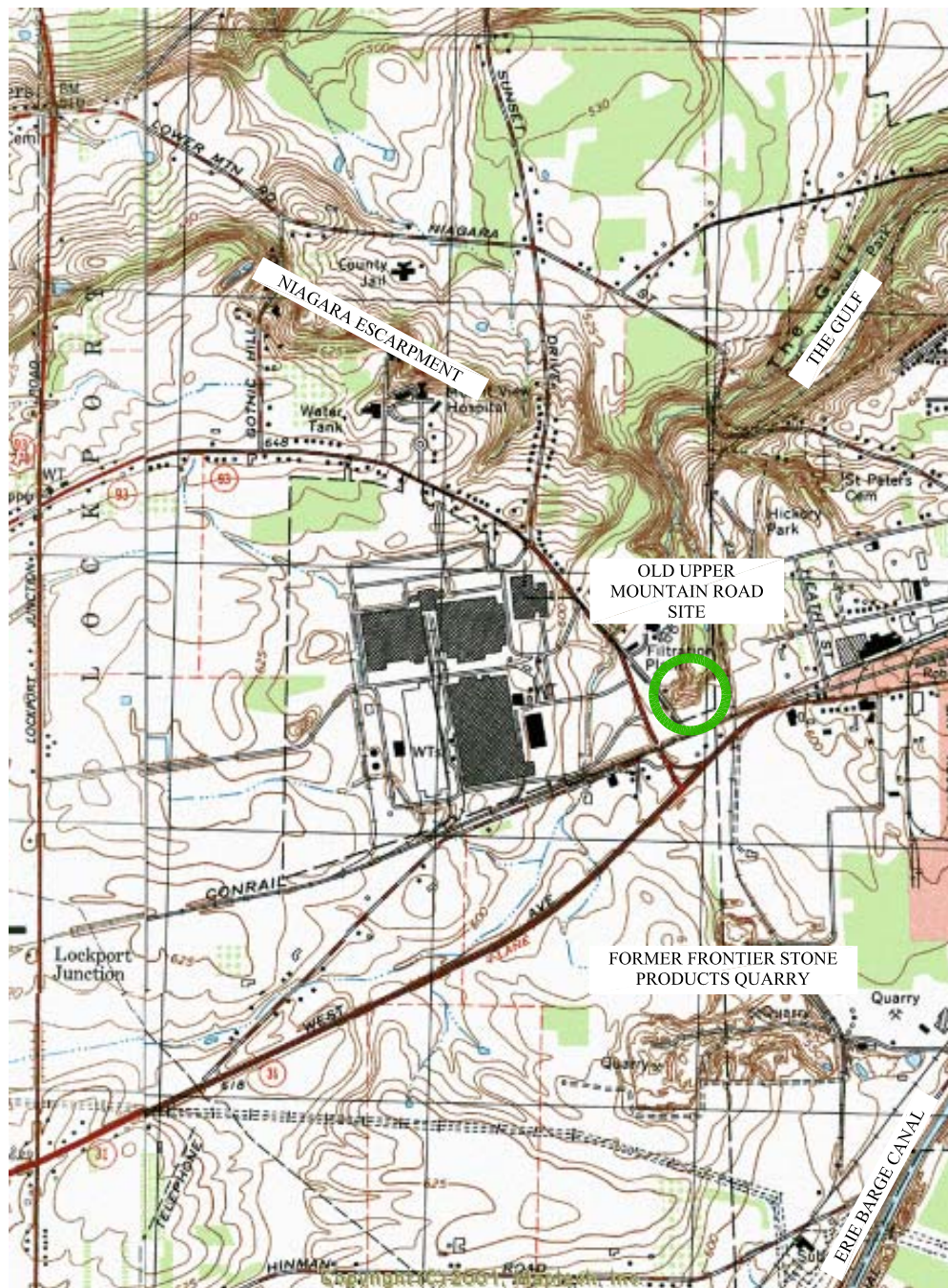
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DRAWING: Upper Mtn Road.dwg

PROJECT: UPPER MOUNTAIN ROAD SITE

FIGURE 4-2





Cambria & Lockport
Quadrangles

Scale Depends on Final Plotted Size

LOCKPORT AREA MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

DATE: 10/15/07

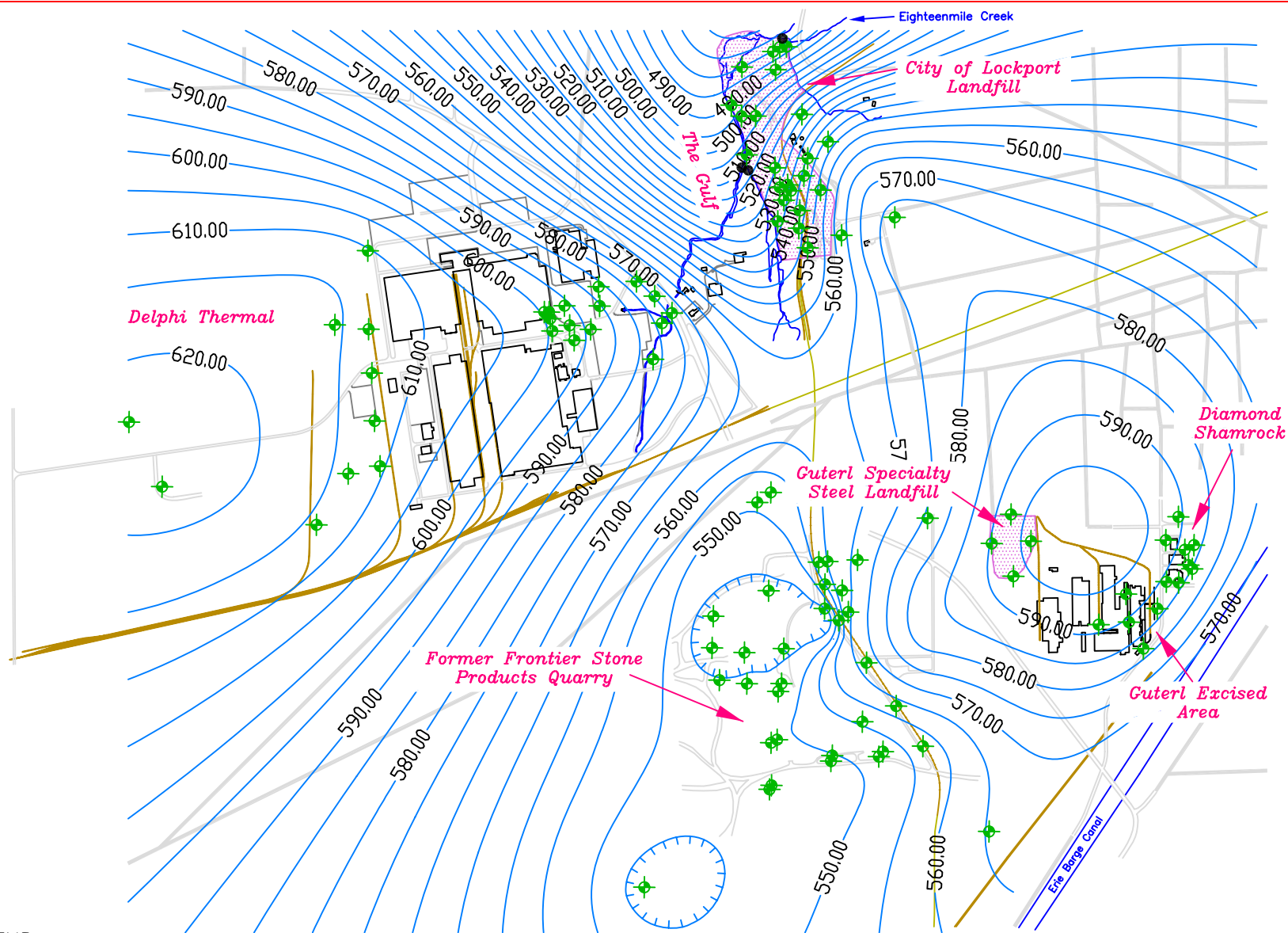
DRAWING: Lockport Area Map.dwg

SITE:

OLD UPPER MOUNTAIN ROAD SITE



FIGURE 5-1



LEGEND:

- MONITORING WELL
- STREAM GAUGE

0 400 800 1600 2400
SCALE IN FEET

REGIONAL GROUNDWATER FLOW CONTOUR MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 10/15/07	DRAWING: GW Flow Map.dwg	
PROJECT: UPPER MOUNTAIN ROAD SITE		

FIGURE 5-2



Figure 6-1. Photograph of the heavy vegetation in the ravine portion of the Old Upper Mountain Road Site. View looking northeast. Photograph taken by Brian Sadowski on June 5, 2007.



Figure 6-2. Aerial photograph of the Old Upper Mountain Road Site showing the steep slopes of the ravine, the junk automobiles and site roadways. View looking northeast. Photograph downloaded from Google Earth on May 22, 2007.



Figure 6-3. Photograph of the vegetation across the plateau portion of the Old Upper Mountain Road Site. View looking northeast. Photograph taken by Glenn May on October 1, 2007.



Figure 6-4. Photograph of the vegetation across the plateau portion of the Old Upper Mountain Road Site. An on-site roadway is in the foreground. View looking southwest. Photograph taken by Glenn May on October 1, 2007.



Figure 6-5. Photograph of the vegetation and an on-site roadway across the plateau portion of the Old Upper Mountain Road Site. View looking northeast. Photograph taken by Glenn May on October 1, 2007.



Figure 6-6. Photograph of the vegetation and an on-site roadway across the plateau portion of the Old Upper Mountain Road Site. View looking east. Photograph taken by Glenn May on October 1, 2007.



Figure 6-7. Photograph of the main on-site roadway across the plateau portion of the Old Upper Mountain Road Site. View looking south. Photograph taken by Glenn May on October 1, 2007.



Figure 6-8. Photograph of construction debris observed on the western plateau portion of the Old Upper Mountain Road Site. View looking west. Photograph taken by Glenn May on October 1, 2007.



Figure 6-9. Photograph of recently burned trash observed on the eastern plateau portion of the Old Upper Mountain Road Site. View looking southwest. Photograph taken by Glenn May on October 1, 2007.



Figure 6-10. Photograph of ATV tracks observed on the western plateau portion of the Old Upper Mountain Road Site. View looking east. Photograph taken by Brian Sadowski on June 1, 2006.



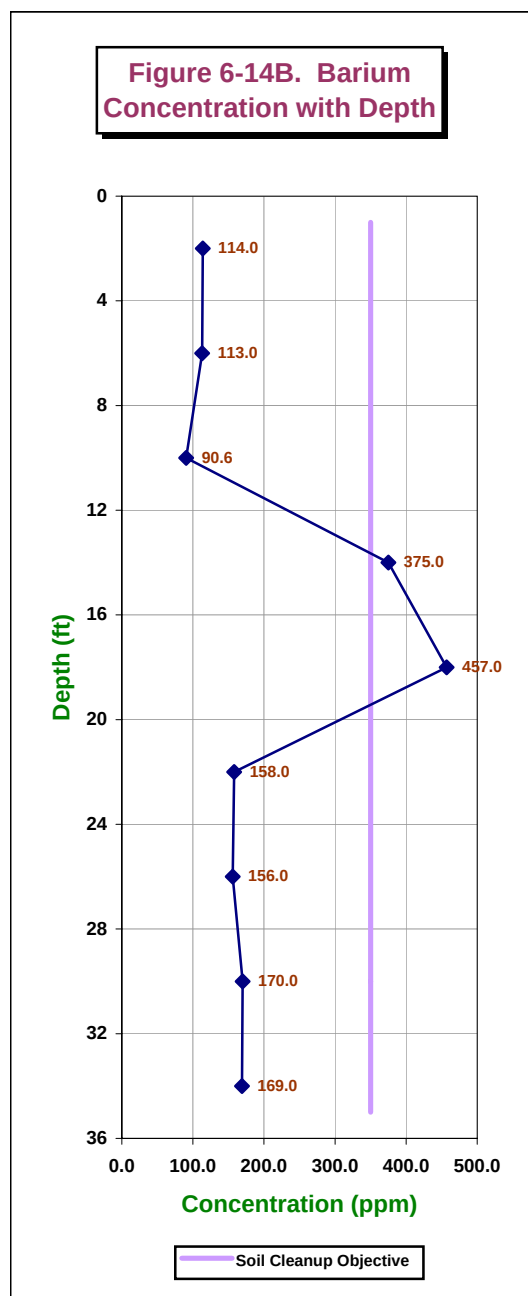
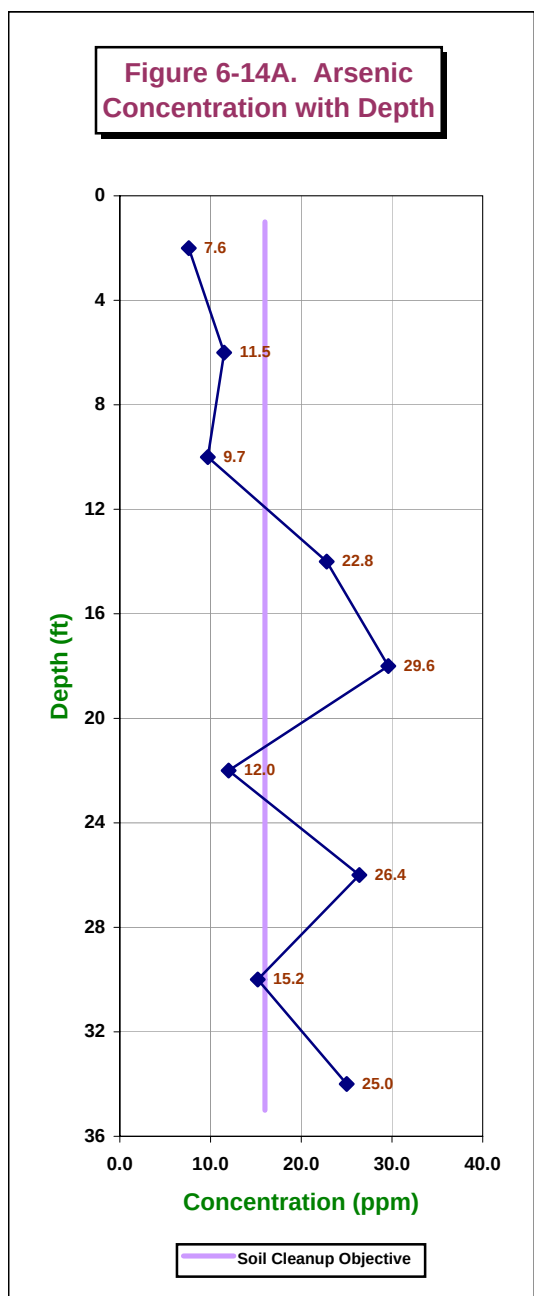
Figure 6-11. Photograph of the tires from the former junk auto operation on the plateau portion of the Old Upper Mountain Road Site. View looking southeast. Photograph taken by Glenn May on October 1, 2007.



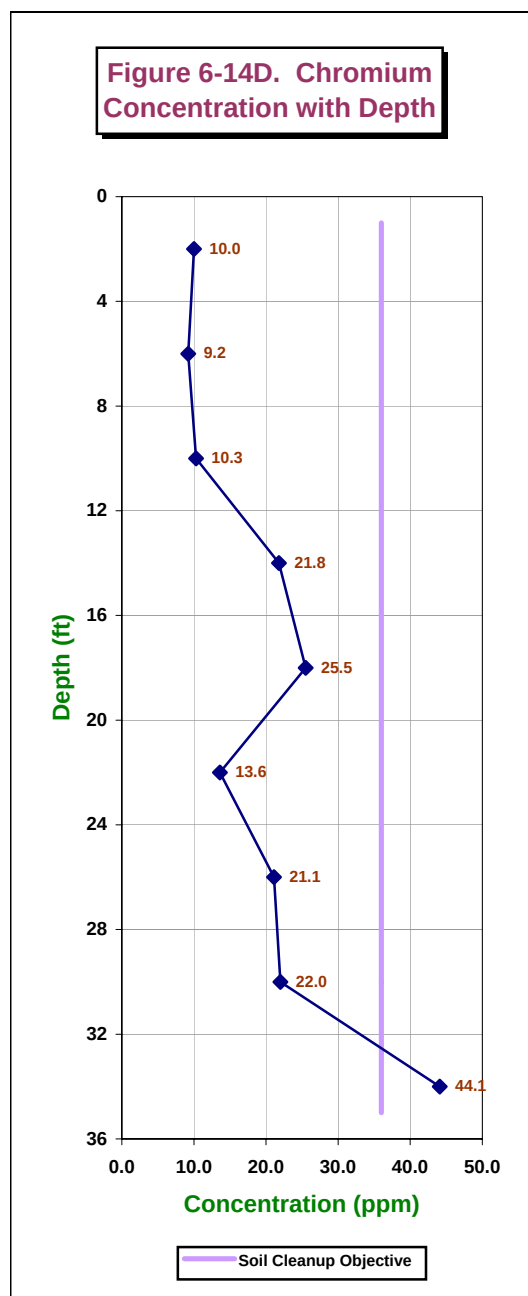
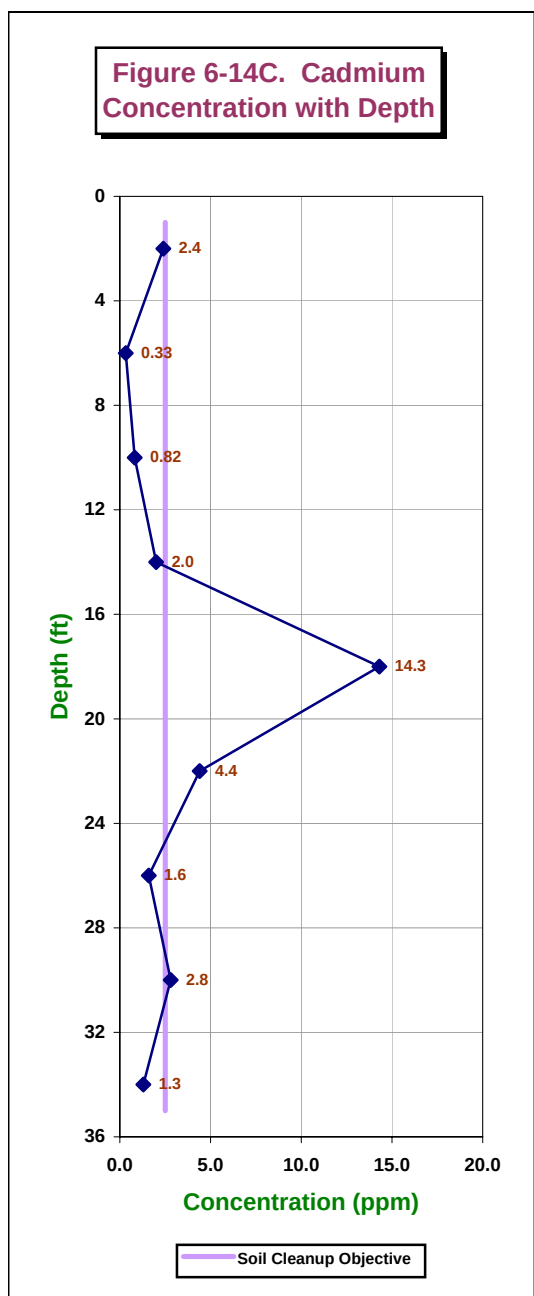
Figure 6-12. Photograph of a pit excavated into the ash by individuals apparently scavenging for antique bottles and other items. View looking west. Photograph taken by Glenn May on October 1, 2007.



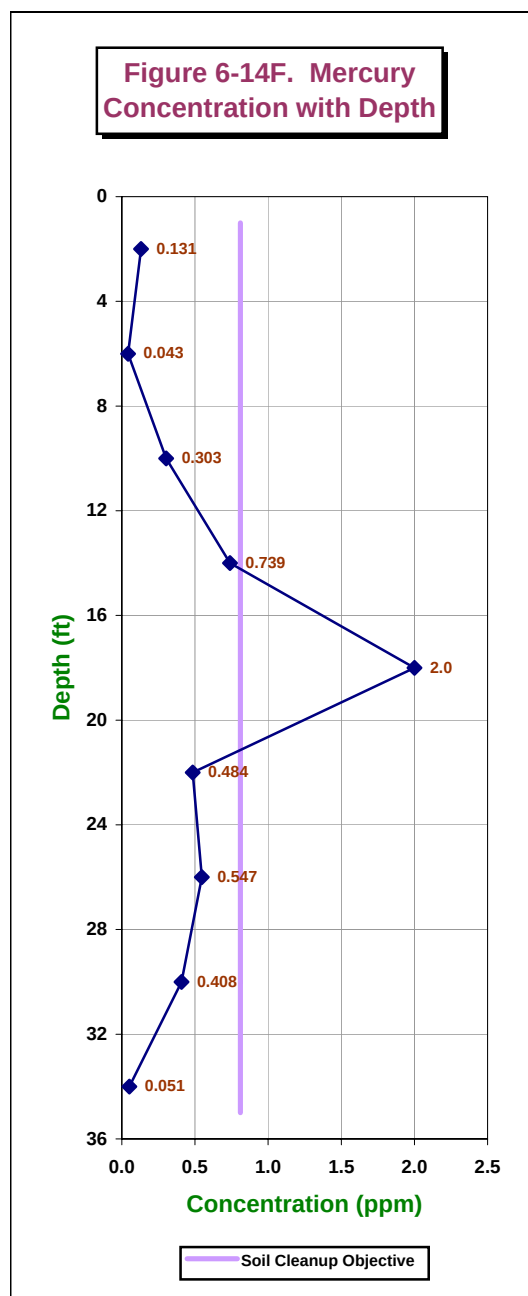
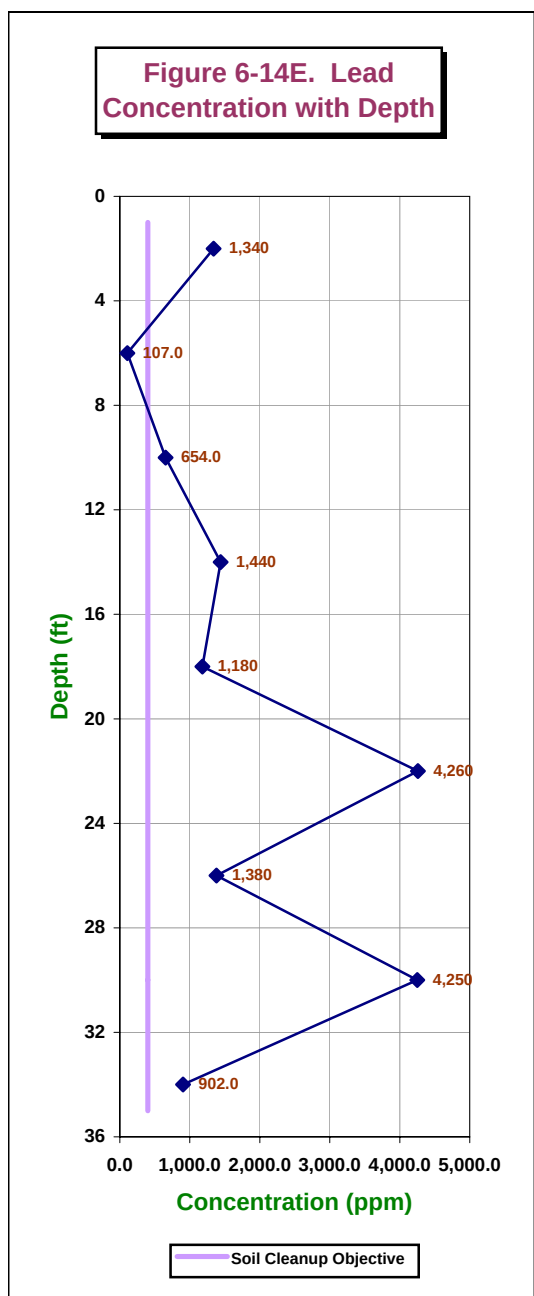
Figure 6-13. Closeup photograph of a pit excavated into the ash. View looking west. Photograph taken by Brian Sadowski on June 1, 2006.



Figures 6-14A & B. Arsenic and barium concentrations with depth in soil boring SB-2. The results are plotted at the midpoint of the zone sampled (e.g., a sample collected from 28.0 to 32.0 feet depth is plotted at 32.0 feet).



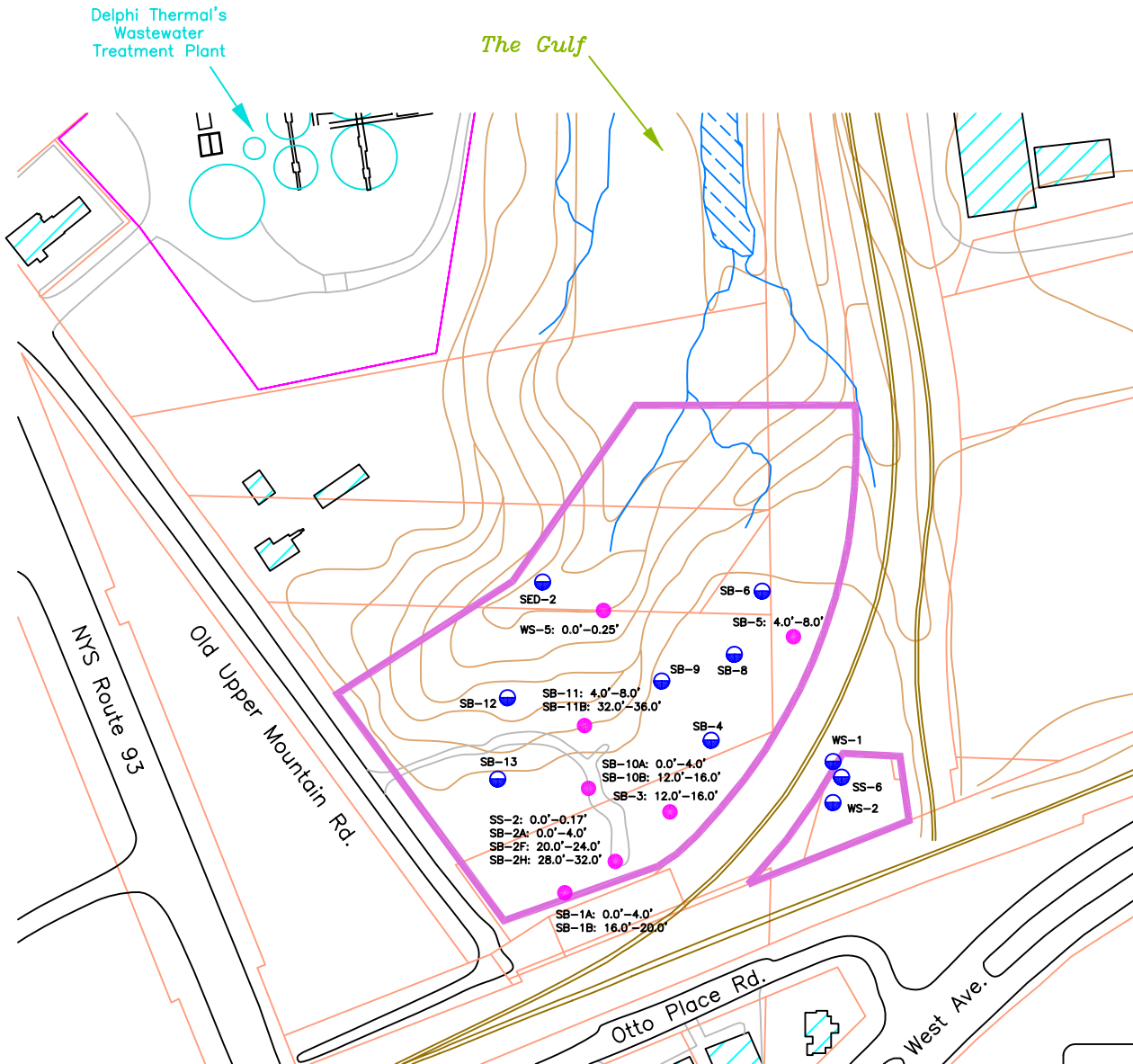
Figures 6-14C & D. Cadmium and chromium concentrations with depth in soil boring SB-2. The results are again plotted at the midpoint of the zone sampled.



Figures 6-14E & F. Lead and mercury concentrations with depth in soil boring SB-2. The results are again plotted at the midpoint of the zone sampled.

Delphi Thermal's
Wastewater
Treatment Plant

The Gulf



TCLP EXCEEDANCE MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

DATE: 04/03/07

DRAWING: Upper Mtn Road.dwg

PROJECT: UPPER MOUNTAIN ROAD SITE

FIGURE 7-1



TABLES

Table 3-1. Summary Key for Historic Samples Collected from the Old Upper Mountain Road Site, Site No. 932112.							
Lab ID	Sample ID	Date Sampled	Time Sampled	Interval Sampled*	Analytical Parameters	Comments	Table Reference
Soil Samples							
S-1	S-1	10/20/98	unknown	0.0' - 0.17'	Metals	washout area	Table 3-2
Waste Samples							
UPMT-03	UPMT-03	11/05/97	1002	1.0' - 1.5'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	cinders & grit	Table 3-2
UPMT-04	UPMT-04	11/05/97	1025	1.5'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	soil mixed with cinders & grit	Table 3-2
UPMT-05	UPMT-05	11/05/97	1040	2.0'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	brownish/gray soil with grit and some slag	Table 3-2
UPMT-06	UPMT-06	11/05/97	1050	2.0'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	ground up "scrap" mixed with soil	Table 3-2
UPMT-07	UPMT-07	11/05/97	1105	1.5'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	deep brown soil that is gritty	Table 3-2
UPMT-08	UPMT-08	11/05/97	1118	unknown	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	dirty white, somewhat crystalline and crumbly waste	Table 3-2
UPMT-09	UPMT-09	11/05/97	1120	2.5'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	reddish brown and gritty, like kitty litter	Table 3-2
UPMT-10	UPMT-10	11/05/97	1130	1.5'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	C&D waste, incinerator waste, old bottles	Table 3-2
UPMT-11	UPMT-11	11/05/97	1155	0.0' - 0.17'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	green "dirt"	Table 3-2
UPMT-13	UPMT-13	11/05/97	1238	0.0' - 0.17'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	tannish red, gritty, hard and dry material	Table 3-2
UPMT-14	UPMT-14	11/05/97	1240	1.0'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	incinerator grit	Table 3-2
UPMT-15	UPMT-15	11/05/97	1245	unknown	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	gritty mix of soil and some incinerator ash	Table 3-2
UPMT-16	UPMT-16	11/05/97	1250	unknown	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	greenish colored, gritty excrement mixed with soil	Table 3-2

Table 3-1 (Continued). Summary Key for Historic Samples Collected from the Old Upper Mountain Road Site, Site No. 932112.							
Lab ID	Sample ID	Date Sampled	Time Sampled	Interval Sampled*	Analytical Parameters	Comments	Table Reference
Waste Samples (Continued)							
S-2	S-2	10/20/98	unknown	0.0' - 0.17'	Metals	shiny silver surface debris	Table 3-2
S-3	S-3	10/20/98	unknown	0.0' - 0.17'	Metals	mixture of gray-green sandy material and black sandy material	Table 3-2
S-4	S-4	10/20/98	unknown	0.0' - 0.17'	Metals	ash material	Table 3-2
S-5	S-5	10/20/98	unknown	0.0' - 0.17'	Metals, TCLP Lead	mixture of tan sandy material and a rusty stained material	Table 3-2
Sediment Samples							
UPMT-12	UPMT-12	11/05/97	1225	0.0' - 0.17'	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	sediment mixed with incinerator waste	Table 3-3
Water Samples							
UPMT-01	UPMT-01	11/05/97	1228	N/A	VOCs, SVOCs, PCBs, Pesticides, Metals, cyanide	clear and cold, no surface sheen or odor	Table 3-4
W-1	W-1	10/20/98	unknown	N/A	VOCs	headwaters for the Gulf creek	Table 3-4

Table 3-2.
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-03 11/05/97 1.0' - 1.5' Cinders & Grit	UPMT-04 11/05/97 1.5' Cinders & Grit	UPMT-05 11/05/97 2.0' Grit & Slag	UPMT-06 11/05/97 2.0' Soil with "Scrap"	UPMT-07 11/05/97 1.5' Gritty Soil	UPMT-08 11/05/97 Unknown Crystalline Waste
Volatile Organic Compounds (µg/kg or ppb)							
1,1-Dichloroethane	19,000				9 J	9 J	
1,1,1-Trichloroethane	100,000	15 J	24.0	41,000	160.0	99.0	27.0
Trichloroethene	10,000	3 J	6 J	22,000 J	20.0	8 J	
Tetrachloroethene	5,500	14 J	28.0	600,000	99.0	24.0	5 J
Toluene	100,000		4 J	5,500 J		6 J	
Xylene (Total)	100,000			19,000 J			
Semivolatile Organic Compounds (µg/kg or ppb)							
Acenaphthene	100,000		24 J				32 J
Acenaphthylene	100,000						
Anthracene	100,000		34 J				120 J
Benzo(a)pyrene	1,000		130 J		230 J	220 J	570.0
Benzo(a)anthracene	1,000		130 J		150 J	200 J	640.0
Benzo(b)fluoranthene	1,000		130 J	180 J	250 J	260 J	640.0
Benzo(g,h,i)perylene	100,000		100 J		230 J	170 J	290 J
Benzo(k)fluoranthene	1,000		160 J		240 J	290 J	570.0
Bis(2-ethylhexyl)phthalate	50,000 +		97 JB	2,900 B	290 JB	320 JB	85 JB
Carbazole	NS						62 J
Chrysene	1,000		140 J		170 J	240 J	630.0
Dibenzo(a,h)anthracene	330.0						92 J
Dibenzofuran	14,000						

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-03 11/05/97 1.0' - 1.5' Cinders & Grit	UPMT-04 11/05/97 1.5' Cinders & Grit	UPMT-05 11/05/97 2.0' Grit & Slag	UPMT-06 11/05/97 2.0' Soil with "Scrap"	UPMT-07 11/05/97 1.5' Gritty Soil	UPMT-08 11/05/97 Unknown Crystalline Waste
Semivolatile Organic Compounds (Continued)							
Di-n-butylphthalate	8,100 +	40 J	52 J	170 J	38 J	160 J	28 J
Fluoranthene	100,000	33 J	200 J		130 J	170 J	1,100
Fluorene	100,000						31 J
Hexachlorobenzene	410.0 +				280 J		
Indeno(1,2,3-cd)pyrene	500.0		82 J		210 J	160 J	310 J
2-Methylnaphthalene	36,400 +						
Naphthalene	100,000				25 J		
Phenanthrene	100,000		150 J		110 J	68 J	490 J
Pyrene	100,000	31 J	240 J	200 J	280 J	320 J	1,300
Total SVOCs	NS	104.0	1,669	3,450	2,633	2,578	6,990
Pesticides (µg/kg or ppb)							
4,4'-DDD	2,600		23 P				
4,4'-DDT	1,700		74 P			38.0	
PCBs (µg/kg or ppb)							
Aroclor-1254	-----		690.0				
Aroclor-1260	-----						
Total PCBs	1,000		690.0				
Inorganic Compounds (mg/kg or ppm)							
Aluminum	SB (11,670)	8,310	4,860	5,580	10,400	6,840	668.0
Antimony	SB (1.8)	2.1 B		7.0 B	415.0	225.0	18.5

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-03 11/05/97 1.0' - 1.5' Cinders & Grit	UPMT-04 11/05/97 1.5' Cinders & Grit	UPMT-05 11/05/97 2.0' Grit & Slag	UPMT-06 11/05/97 2.0' Soil with "Scrap"	UPMT-07 11/05/97 1.5' Gritty Soil	UPMT-08 11/05/97 Unknown Crystalline Waste
Inorganic Compounds (Continued)							
Arsenic	16.0	16.5	10.8	12.5	20.2	24.2	2.0 B
Barium	350.0	321.0	524.0	576.0	6,110	1,930	125.0
Beryllium	14.0	0.91 B	0.52 B	0.68 B	0.19 B	0.39 B	0.20 B
Cadmium	2.5	1.8	6.0	12.3	14.1	29.2	0.35 B
Chromium	36.0	18.3	20.5	53.6	148.0	121.0	4.5
Cobalt	30.0 +	9.5 B	6.0 B	8.8 B	22.0	28.9	1.1 B
Copper	270.0	135 N	655 N	2,060 N	7,050 N	2,690 N	96.0 N
Cyanide	27.0	0.39 B	0.68	3.6	1.4	2.1	
Iron	SB (17,300)	17,700	11,800	17,200	52,600	160,000	2,130
Lead	400.0	417 N	593 N	3,450 N	56,900 N	28,000 N	643 N
Manganese	2,000	370.0	405.0	448.0	563.0	1,090	46.1
Mercury	0.81	0.10 B	0.35	0.21	1.6	1.4	
Nickel	140.0	31.0	44.4	96.1	162.0	123.0	7.4 B
Selenium	36.0	3.8	1.5	2.0	3.9	4.1	
Silver	36.0		5.1	13.9	91.3	147.0	0.48 B
Thallium	SB (2.6)	1.5 B			3.4	3.3	
Vanadium	150.0 +	40.7	17.2	21.7	23.6	52.7	2.0 B
Zinc	2,200	1,960	1,010	2,340	1,100	6,510	253.0

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-09 11/05/97 2.5' Gritty Waste	UPMT-10 11/05/97 1.5' Incinerator Waste	UPMT-11 11/05/97 0.0' - 0.17' Green Dirt	UPMT-13 11/05/97 0.0' - 0.17' Gritty Waste	UPMT-14 11/05/97 1.0' Incinerator Grit	UPMT-15 11/05/97 Unknown Gritty Soil
Volatile Organic Compounds (µg/kg or ppb)							
1,1-Dichloroethane	19,000						
1,1,1-Trichloroethane	100,000	7 J	11 J	22.0	8 J	8 J	16.0
Trichloroethene	10,000		12 J	5 J		2 J	19.0
Tetrachloroethene	5,500		36.0	4 J		8 J	82.0
Toluene	100,000						
Xylene (Total)	100,000						
Semivolatile Organic Compounds (µg/kg or ppb)							
Acenaphthene	100,000	100 J					
Acenaphthylene	100,000						
Anthracene	100,000	930 J				24 J	
Benzo(a)pyrene	1,000	5,100				150 J	110 J
Benzo(a)anthracene	1,000	4,600				130 J	94 J
Benzo(b)fluoranthene	1,000	4,500				150 J	130 J
Benzo(g,h,i)perylene	100,000	2,900				89 J	75 J
Benzo(k)fluoranthene	1,000	4,700				210 J	170 J
Bis(2-ethylhexyl)phthalate	50,000 +		200 JB	1,100 JB	370 JB	360 JB	170 JB
Carbazole	NS	330 J					
Chrysene	1,000	4,900	120 J	220 J		180 J	130 J
Dibenzo(a,h)anthracene	330.0	960 J					
Dibenzofuran	14,000	96 J					

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-09 11/05/97 2.5' Gritty Waste	UPMT-10 11/05/97 1.5' Incinerator Waste	UPMT-11 11/05/97 0.0' - 0.17' Green Dirt	UPMT-13 11/05/97 0.0' - 0.17' Gritty Waste	UPMT-14 11/05/97 1.0' Incinerator Grit	UPMT-15 11/05/97 Unknown Gritty Soil
Semivolatile Organic Compounds (Continued)							
Di-n-butylphthalate	8,100 +	280 J					31 J
Fluoranthene	100,000	6,300				320 J	190 J
Fluorene	100,000	140 J					
Hexachlorobenzene	410.0 +						
Indeno(1,2,3-cd)pyrene	500.0	2,900				97 J	79 J
2-Methylnaphthalene	36,400 +						
Naphthalene	100,000	160 J					
Phenanthrene	100,000	3,000				160 J	110 J
Pyrene	100,000	6,200				290 J	210 J
Total SVOCs	NS	48,096	320.0	1,320	370.0	2,160	1,499
Pesticides (µg/kg or ppb)							
4,4'-DDD	2,600		14 P				
4,4'-DDT	1,700		54 P			16.0	
PCBs (µg/kg or ppb)							
Aroclor-1254	-----		690.0				
Aroclor-1260	-----	350.0					
Total PCBs	1,000	350.0	690.0				
Inorganic Compounds (mg/kg or ppm)							
Aluminum	SB (11,670)	8,380	7,120	3,860	8,010	3,470	8,690
Antimony	SB (1.8)	40.1	80.3	0.75 B		14.1 B	111.0

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-09 11/05/97 2.5' Gritty Waste	UPMT-10 11/05/97 1.5' Incinerator Waste	UPMT-11 11/05/97 0.0' - 0.17' Green Dirt	UPMT-13 11/05/97 0.0' - 0.17' Gritty Waste	UPMT-14 11/05/97 1.0' Incinerator Grit	UPMT-15 11/05/97 Unknown Gritty Soil
Inorganic Compounds (Continued)							
Arsenic	16.0	26.5	29.9	6.7	6.7	12.4	35.6
Barium	350.0	1,160	1,800	127.0	169.0	2,870	1,400
Beryllium	14.0	0.42 B	0.62 B	0.29 B	0.71 B	0.46 B	0.72 B
Cadmium	2.5	8.3	15.7	7.7		5.7	17.7
Chromium	36.0	132.0	138.0	56.8	4.6	34.4	81.1
Cobalt	30.0 +	18.9	24.1	5.4 B	3.2 B	9.4 B	13.5 B
Copper	270.0	1,290 N	5,930 N	26,800 N	45.4 N	295 N	815 N
Cyanide	27.0	2.9	2.8	0.82		1.3	1.2
Iron	SB (17,300)	80,300	114,000	17,700	3,090	38,400	49,900
Lead	400.0	7,310 N	3,990 N	1,030 N	26.0 N	2,370 N	7,190 N
Manganese	2,000	893.0	1,090	173.0	51.3	438.0	1,430
Mercury	0.81	1.8	19.3			0.24	1.2
Nickel	140.0	111.0	148.0	348.0	10.0 B	29.2	92.5
Selenium	36.0	3.0	2.2	1.4		3.0	5.8
Silver	36.0	9.1	10.3	11.8		3.4	44.2
Thallium	SB (2.6)	1.6 B	1.9 B	1.4 B		2.2 B	5.2
Vanadium	150.0 +	28.3	33.3	12.9	9.0 B	18.7	44.6
Zinc	2,200	3,340	3,700	2,080	27.6	2,150	6,110

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-16 11/05/97 Unknown Gritty Waste	S-1 10/20/98 0.0' - 0.17' Soil	S-2 10/20/98 0.0' - 0.17' Silver Debris	S-3 10/20/98 0.0' - 0.17' Sandy Material	S-4 10/20/98 0.0' - 0.17' Ash Material	S-5 10/20/98 0.0' - 0.17' Sandy Material
Volatile Organic Compounds (µg/kg or ppb)							
1,1-Dichloroethane	19,000	10 J	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	100,000	230.0	"	"	"	"	"
Trichloroethene	10,000	10 J	"	"	"	"	"
Tetrachloroethene	5,500	40.0	"	"	"	"	"
Toluene	100,000		"	"	"	"	"
Xylene (Total)	100,000		"	"	"	"	"
Semivolatile Organic Compounds (µg/kg or ppb)							
Acenaphthene	100,000		N/A	N/A	N/A	N/A	N/A
Acenaphthylene	100,000	74 J	"	"	"	"	"
Anthracene	100,000	150 J	"	"	"	"	"
Benzo(a)pyrene	1,000	570.0	"	"	"	"	"
Benzo(a)anthracene	1,000	670.0	"	"	"	"	"
Benzo(b)fluoranthene	1,000	630.0	"	"	"	"	"
Benzo(g,h,i)perylene	100,000	470.0	"	"	"	"	"
Benzo(k)fluoranthene	1,000	550.0	"	"	"	"	"
Bis(2-ethylhexyl)phthalate	50,000 +	160 JB	"	"	"	"	"
Carbazole	NS	80 J	"	"	"	"	"
Chrysene	1,000	760.0	"	"	"	"	"
Dibenzo(a,h)anthracene	330.0	150 J	"	"	"	"	"
Dibenzofuran	14,000		"	"	"	"	"

Table 3-2 (Continued). Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-16 11/05/97 Unknown Gritty Waste	S-1 10/20/98 0.0' - 0.17' Soil	S-2 10/20/98 0.0' - 0.17' Silver Debris	S-3 10/20/98 0.0' - 0.17' Sandy Material	S-4 10/20/98 0.0' - 0.17' Ash Material	S-5 10/20/98 0.0' - 0.17' Sandy Material
Semivolatile Organic Compounds (Continued)							
Di-n-butylphthalate	8,100 +	110 J	N/A	N/A	N/A	N/A	N/A
Fluoranthene	100,000	1,100	"	"	"	"	"
Fluorene	100,000	32 J	"	"	"	"	"
Hexachlorobenzene	410.0 +		"	"	"	"	"
Indeno(1,2,3-cd)pyrene	500.0	380 J	"	"	"	"	"
2-Methylnaphthalene	36,400 +	43 J	"	"	"	"	"
Naphthalene	100,000	70 J	"	"	"	"	"
Phenanthrene	100,000	680.0	"	"	"	"	"
Pyrene	100,000	1,100	"	"	"	"	"
Total SVOCs	NS	7,779	"	"	"	"	"
Pesticides (µg/kg or ppb)							
4,4'-DDD	2,600		N/A	N/A	N/A	N/A	N/A
4,4'-DDT	1,700	24 P	"	"	"	"	"
PCBs (µg/kg or ppb)							
Aroclor-1254	-----		N/A	N/A	N/A	N/A	N/A
Aroclor-1260	-----		"	"	"	"	"
Total PCBs	1,000		"	"	"	"	"
Inorganic Compounds (mg/kg or ppm)							
Aluminum	SB (11,670)	10,800	9,750	25,200	5,590	12,700	13,600
Antimony	SB (1.8)	11.0 B					

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	UPMT-16 11/05/97 Unknown Gritty Waste	S-1 10/20/98 0.0' - 0.17' Soil	S-2 10/20/98 0.0' - 0.17' Silver Debris	S-3 10/20/98 0.0' - 0.17' Sandy Material	S-4 10/20/98 0.0' - 0.17' Ash Material	S-5 10/20/98 0.0' - 0.17' Sandy Material
Inorganic Compounds (Continued)							
Arsenic	16.0	24.8	18.0	7.7		7.9	12.0
Barium	350.0	1,030	741.0	595.0	180.0	464.0	3,880
Beryllium	14.0	0.54 B	1.1	0.6		0.7	1.2
Cadmium	2.5	11.7	13.0	22.0	8.0	6.0	62.0
Chromium	36.0	121.0	75.0	130.0	31.0	109.0	974.0
Cobalt	30.0 +	14.0 B	12.0	10.0	11.0	10.0	27.0
Copper	270.0	1,860 N	442.0	1,770	88,700	2,040	11,800
Cyanide	27.0	6.6	N/A	N/A	N/A	N/A	N/A
Iron	SB (17,300)	122,000	98,000	32,900	11,200	20,400	85,000
Lead	400.0	2,370 N	1,750	3,440	2,080	1,240	36,600
Manganese	2,000	1,610	793.0	1,050	132.0	313.0	981.0
Mercury	0.81	0.50	2.0	0.5	0.3	0.4	0.3
Nickel	140.0	155.0	70.0	206.0	858.0	101.0	995.0
Selenium	36.0	2.3	3.1	0.6		0.7	
Silver	36.0	7.1			8.0	6.0	13.0
Thallium	SB (2.6)						
Vanadium	150.0 +	32.6	26.0	33.0	9.0	31.0	29.0
Zinc	2,200	6,120	3,990	4,090	5,090	1,550	29,600

Table 3-2 (Continued).
Analytical Results for Historic Soil and Waste Samples Collected from the Old Upper Mountain Road Site.

*	6 NYCRR Part 375: Environmental Remediation Programs, Residential Soil Cleanup Objectives, NYSDEC, 2006.
+	NYSDEC Technical and Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1995.
B	Analyte detected in the associated blank, as well as in the sample (organics) or the value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
J	Compound reported at an estimated concentration below the sample quantitation limit.
N	Spike sample recovery or spike analysis is not within quality control limits (inorganics).
NA	Not analyzed.
NS	No standard or guidance value available.
P	>25% difference between the analytical results on two GC columns. The lower value is reported.
SB	Site background concentration as determined during the Site Investigation of the Former Flintkote Plant Site (TVGA, 2005).
	Blanks indicate that the sample was analyzed for the associated compound but it was not detected.
	Shaded values equal or exceed the Part 375 or TAGM 4046 soil cleanup objectives.

Table 3-3. Analytical Results for Historic Surface Water Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Location	Surface Water Standard *	UPMT-01 11/05/97 Downstream	W-1 10/20/98 Downstream
Volatile Organic Compounds (µg/L or ppb)			
Chloroform	7.0		5.8
1,1-Dichloroethane	5.0		0.5
1,2-Dichloroethene (total)	5.0	9 J	220.7
Tetrachloroethene	0.7 G	4 J	15.0
1,1,1-Trichloroethane	5.0		2.8
Trichloroethene	5.0	9 J	79.0
Vinyl Chloride	0.3 G		0.5
Inorganic Compounds (µg/L or ppb)			
Aluminum	100.0	52.5 B	N/A
Antimony	3.0		"
Arsenic	50.0		"
Barium	1,000	47.5 B	"
Beryllium	3.0 G		"
Cadmium	5.0	0.46 B	"
Chromium	50.0		"
Cobalt	5.0		"
Copper	200.0	16.0 B	"
Cyanide	200.0		"
Iron	300.0	49.9 B	"
Lead	50.0	4.2	"
Manganese	300.0	4.0 B	"
Mercury	0.7		"
Nickel	100.0	4.4 B	"
Selenium	10.0		"
Silver	50.0		"
Thallium	0.5 G		"
Vanadium	14.0		"
Zinc	2,000 G	231.0	"

Table 3-3 (Continued). Analytical Results for Historic Surface Water Samples Collected from the Old Upper Mountain Road Site.	
*	NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998.
B	Value greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics).
G	Guidance value.
J	Compound reported at an estimated concentration below the reporting limit.
NA	Not analyzed.
	Blanks indicate that the sample was analyzed for the associated compound but it was not detected.
	Shaded values equal or exceed the NYSDEC surface water standards or guidance values.

Table 3-4. Analytical Results for Historic Sediment Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Depth Sample Type	NYSDEC Sediment Criteria *	UPMT-12 11/05/97 0.0' - 0.17' Sediment +	
Volatile Organic Compounds (µg/kg or ppb)			
1,2-Dichloroethene	0.8 ●	6 J	
Trichloroethene	67.3 ●	2 J	
Semivolatile Organic Compounds (µg/kg or ppb)			
Acenaphthene	4,396	180 J	
Anthracene	3,363	290 J	
Benzo(a)pyrene	41.3 ●	360 J	
Benzo(a)anthracene	383.8	560.0	
Benzo(b)fluoranthene	41.3 ●	570.0	
Benzo(g,h,i)perylene	NS	220 J	
Benzo(k)fluoranthene	41.3 ●	360 J	
Bis(2-ethylhexyl)phthalate	3,759	770 B	
Carbazole	NS	140 J	
Chrysene	41.3 ●	530.0	
Dibenzofuran	NS	100 J	
Di-n-butylphthalate	NS	24 J	
Fluoranthene	32,028	1,100	
Fluorene	256.6	170 J	
Indeno(1,2,3-cd)pyrene	41.3 ●	220 J	
2-Methylnaphthalene	1,069	48 J	
Naphthalene	957	160 J	
Phenanthrene	3,768	1,200	
Pyrene	30,178	1,100	
Inorganic Compounds (mg/kg or ppm)			
Aluminum	SB (11,670) ++	3,920	
Antimony	2.0	20.9	
Arsenic	6.0	16.8	
Barium	433 **	2,260	
Beryllium	10 **	0.47 B	

Table 3-4 (Continued). Analytical Results for Historic Sediment Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Depth Sample Type	NYSDEC Sediment Criteria *	UPMT-12 11/05/97 0.0' - 0.17' Sediment +	
Inorganic Compounds (Continued)			
Cadmium	0.6	3.7	
Chromium	26.0	31.7	
Cobalt	30.0 ++	7.5 B	
Copper	16.0	2,420 N	
Cyanide	NS	0.67	
Iron	20,000	54,800	
Lead	31.0	3,190 N	
Manganese	460.0	277.0	
Mercury	0.15		
Nickel	16.0	49.4	
Selenium	3.9 **	2.5	
Silver	1.0	7.5	
Thallium	SB (2.6) ++		
Vanadium	150.0 ++	20.3	
Zinc	120.0	1,530	
* NYSDEC Technical Guidance for Screening Contaminated Sediments, January 1999. Sediment criteria calculated using a total organic carbon content of 3.14%. Sediment criteria given are for the protection of benthic aquatic life from chronic toxicity (organics) and the lowest effect level (metals) unless otherwise noted. ● Sediment criteria for the protection of human health bioaccumulation. + Sediment mixed with incinerator waste. ** 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives for the Protection of Ecological Resources, NYSDEC, 2006. ++ NYSDEC Technical and Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1995. B Analyte detected in the associated blank, as well as in the sample (organics) or the value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics). J Compound reported at an estimated concentration below the sample quantitation limit. N Spike sample recovery or spike analysis is not within quality control limits (inorganics). NS No standard or guidance value available. SB Site background concentration as determined during the Site Investigation of the Former Flintkote Plant Site (TVGA, 2005). Blanks indicate that the sample was analyzed for the associated compound but it was not detected. Shaded values equal or exceed the NYSDEC sediment criteria, Part 375 soil cleanup objectives, or TAGM 4046 soil cleanup objectives.			

Table 4-1.
Summary Key for Samples Collected During the Site Investigation of the Old Upper Mountain Road Site.

Lab ID	Sample ID	Date Sampled	Time Sampled	Interval Sampled*	Analytical Parameters	Comments	Table Reference
Surface Soil Samples							
SS-1	SS-1	06/07/07	1340	0.0' - 0.17'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Surface soil collected at soil boring location SB-1; peat	Table 6-1 & Table 6-2
SS-2	SS-2	06/07/07	1355	0.0' - 0.17'	SVOCs, PCBs, Pesticides, Metals, TCLP cadmium, chromium & lead	Surface soil collected at soil boring location SB-3; topsoil & fill	Table 6-1 & Table 6-2
SS-3	SS-3	06/07/07	1405	0.0' - 0.17'	Metals	Surface soil collected at soil boring location SB-5; soil	Table 6-2
SS-4	SS-4	06/07/07	1415	0.0' - 0.17'	SVOCs, PCBs, Pesticides, Metals	Surface soil collected at soil boring location SB-8; ash	Table 6-2
SS-5	SS-5	06/07/07	1430	0.0' - 0.17'	SVOCs, PCBs, Pesticides, Metals	Surface soil collected at proposed location of soil boring SB-14; ash	Table 6-2
SS-6	SS-6	06/08/07	1300	0.2' - 0.3'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Surface soil collected at soil boring location SB-16; ash	Table 6-1 & Table 6-2
Waste Samples							
WS-1	WS-1	06/08/07	1315	1.8' - 2.0'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected from a small pit 19 ft north of soil boring SB-16	Table 6-1 & Table 6-3
WS-2	WS-2	06/08/07	1340	1.5'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected from a pit between soil borings SB-15 and SB-16	Table 6-1 & Table 6-3
WS-3	WS-3	06/11/07	1040	1.5' - 2.0'	SVOCs, PCBs, Pesticides, Metals	Ash sample collected from a pit 17.5 ft east of soil boring SB-8	Table 6-3
WS-4	WS-4	06/11/07	1115	5.0'	SVOCs, PCBs, Pesticides, Metals	Ash sample collected from a pit near Old Upper Mountain Road	Table 6-3
WS-5	WS-5	06/13/07	0950	0.0' - 0.25'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected near the base of the embankment in the ravine	Table 6-1 & Table 6-3
SB-1A	SB-1A	09/25/07	1100	0.0' - 4.0'	VOCs, SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected from soil boring SB-1	Table 6-1 & Table 6-3
SB-1B	SB-1B	09/25/07	1120	16.0' - 20.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-1	Table 6-1 & Table 6-3
SB-2A	SB-2A	09/25/07	1300	0.0' - 4.0'	RCRA Metals, TCLP lead	Waste sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2B	SB-2B	09/25/07	1310	4.0' - 8.0'	RCRA Metals	Ash sample collected from soil boring SB-2	Table 6-3

Table 4-1 (continued). Summary Key for Samples Collected During the Site Investigation of the Old Upper Mountain Road Site.							
Lab ID	Sample ID	Date Sampled	Time Sampled	Interval Sampled*	Analytical Parameters	Comments	Table Reference
Waste Samples (Continued)							
SB-2C	SB-2C	09/25/07	1315	8.0' - 12.0'	RCRA Metals	Ash sample collected from soil boring SB-1	Table 6-3
SB-2D	SB-2D	09/25/07	1325	12.0' - 16.0'	RCRA Metals, TCLP lead	Ash sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2E	SB-2E	09/25/07	1340	16.0' - 20.0'	RCRA Metals, TCLP lead	Ash sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2F	SB-2F	09/25/07	1350	20.0' - 24.0'	RCRA Metals, TCLP lead	Waste sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2G	SB-2G	09/25/07	1415	24.0' - 28.0'	RCRA Metals, TCLP lead	Waste sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2H	SB-2H	09/25/07	1430	28.0' - 32.0'	RCRA Metals, TCLP lead	Ash sample collected from soil boring SB-2	Table 6-1 & Table 6-3
SB-2I	SB-2I	09/25/07	1500	32.0' - 36.0'	RCRA Metals	Waste sample collected from soil boring SB-2	Table 6-3
SB-3A	SB-3A	09/26/07	1325	0.0' - 4.0'	VOCs	Waste sample collected from soil boring SB-3	Table 6-3
SB-3B	SB-3B	09/26/07	1330	4.0' - 8.0'	VOCs	Ash sample collected from soil boring SB-3	Table 6-3
SB-3	SB-3	09/26/07	1350	12.0' - 16.0'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected from soil boring SB-3	Table 6-1 & Table 6-3
SB-4	SB-4	09/26/07	1230	8.0' - 12.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-4	Table 6-1 & Table 6-3
SB-5	SB-5	09/26/07	0920	4.0' - 8.0'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Waste sample collected from soil boring SB-5	Table 6-1 & Table 6-3
SB-6	SB-6	09/25/07	1600	4.0' - 8.0'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Ash sample collected from soil boring SB-6	Table 6-1 & Table 6-3
SB-7B	SB-7B	09/26/07	0850	4.0' - 5.6'	Metals	Ash sample collected from soil boring SB-7	Table 6-3
SB-8	SB-8	09/26/07	1010	8.0' - 10.1'	Metals, TCLP lead	Waste sample collected from soil boring SB-8	Table 6-1 & Table 6-3
SB-9A	SB-9A	09/26/07	1050	4.0' - 8.0'	SVOCs, PCBs, Pesticides	Waste sample collected from soil boring SB-9	Table 6-3
SB-9B	SB-9B	09/26/07	1115	12.0' - 16.0'	Metals, TCLP lead	Waste sample collected from soil boring SB-9	Table 6-1 & Table 6-3

Table 4-1 (continued). Summary Key for Samples Collected During the Site Investigation of the Old Upper Mountain Road Site.							
Lab ID	Sample ID	Date Sampled	Time Sampled	Interval Sampled*	Analytical Parameters	Comments	Table Reference
Waste Samples (Continued)							
SB-10A	SB-10A	09/26/07	1425	0.0' - 4.0'	SVOCs, PCBs, Pesticides, Metals, TCLP lead	Foundry sand sample collected from soil boring SB-10	Table 6-3
SB-10B	SB-10B	09/26/07	1455	12.0' - 16.0'	Metals, TCLP lead	Waste sample collected from soil boring SB-10	Table 6-1 & Table 6-3
SB-11	SB-11	09/27/07	0850	4.0' - 8.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-11	Table 6-1 & Table 6-3
SB-11B	SB-11B	09/27/07	1740	32.0' - 36.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-11	Table 6-1 & Table 6-3
SB-12	SB-12	09/27/07	1505	16.0' - 20.0'	SVOCs, PCBs, Pesticides	Ash sample collected from soil boring SB-12	Table 6-3
SB-12B	SB-12B	09/27/07	1515	20.0' - 24.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-12	Table 6-1 & Table 6-3
SB-13	SB-13	09/28/07	0835	12.0' - 16.0'	Metals, TCLP lead	Ash sample collected from soil boring SB-13	Table 6-1 & Table 6-3
SB-14	SB-14	09/28/07	0930	8.0' - 12.0'	Metals	Ash sample collected from soil boring SB-14	Table 6-3
Surface Water Samples							
SW-1	SW-1	06/11/07	1145	N/A	VOCs, SVOCs, PCBs, Pesticides, Metals	Discharge pipe near Old Upper Mountain Road; upgradient	Table 6-4
SW-2	SW-2	06/13/07	1030	N/A	VOCs, SVOCs, PCBs, Pesticides, Metals	Base of ravine near 1998 surface water sample; downgradient	Table 6-4
Sediment Samples							
SED-1	SED-1	06/11/07	1145	0.0' - 0.17'	VOCs, SVOCs, PCBs, Pesticides, Metals	Sediment collected at surface water location SW-1	Table 6-5
SED-2	SED-2	06/13/07	1030	0.0' - 0.17'	VOCs, SVOCs, PCBs, Pesticides, Metals, TCLP lead	Sediment collected at surface water location SW-2	Table 6-1 & Table 6-5

Table 5-1.
Stratigraphic Sequence of the Western New York Area.
Compiled from Buehler and Tesmer (1963) and Brett et al. (1995).

Epoch	Group	Formation	Member
Middle Devonian	Hamilton	Moscow Shale	Windom Shale Kashong Shale
		Ludlowville Formation	Tichenor Limestone Wanakah Shale Ledyard Shale Centerfield Limestone
		Skaneateles Formation	Levanna Shale Stafford Limestone
		Marcellus Shale	Oatka Creek Shale
		Onondaga Limestone	Seneca Limestone Morehouse Limestone Nedrow Limestone Clarence Limestone Edgecliff Limestone
Late Silurian	Salina	Akron Dolostone	
		Bertie Dolostone	Williamsville Dolostone Scajaquada Dolostone Falkirk Dolostone Oatka Dolostone
		Camillus Shale Syracuse Formation Vernon Shale	
Middle Silurian	Lockport	Guelph Dolostone Eramosa Dolostone	
		Goat Island Dolostone	Vinemount Dolostone Ancaster Dolostone Niagara Falls Dolostone
		Gasport Limestone	Pekin Dolostone Gothic Hill Limestone
	Clinton	Decew Dolostone	
		Rochester Shale	Burleigh Hill Shale Lewiston Shale
		Irondequoit Limestone Rockway Dolostone Williamson Shale Merrittton Limestone	
		Reynales Limestone	Hickory Corners Limestone
		Neahga Shale	
Early Silurian	Medina	Kodak Sandstone Cambria Shale Thorold Sandstone Grimsby Formation Devils Hole Shale Power Glen Shale Whirlpool Sandstone	
Late Ordovician	Richmond	Queenston Shale Oswego Sandstone	

Table 5-2.
Stratigraphic Summary of Borings Completed During the Site Investigation of the Old Upper Mountain Road Site.
All Depths and Elevations are Measured in Feet.

Boring Number	Ground Surface Elevation	Topsoil or Clean Fill			Waste			Native Silty Clay			Bedrock	
		Depth	Surface Elevation	Thickness	Depth	Surface Elevation	Thickness	Depth	Surface Elevation	Thickness	Depth	Surface Elevation
SB-1	572.0	0.0	572.0	0.3	0.3	571.7	18.1	18.4	553.6	1.6	20.0	552.0
SB-2	588.0				0.0	588.0	> 36.0					
SB-3	585.0				0.0	585.0	> 16.4					
SB-4	587.0	0.0	587.0	0.3	0.3	586.7	13.5	13.8	573.2	0.7	14.5	572.5
SB-5	583.0	0.0	583.0	2.7	2.7	580.3	10.4	13.1	569.9	1.4	14.5	568.5
SB-6	590.0	0.0	590.0	4.5	4.5	585.5	7.5	12.0	578.0	1.6	13.6	576.4
SB-7	592.0	0.0	592.0	2.2	2.2	589.8	> 3.4					
SB-8	592.0	0.0	592.0	0.4	0.4	591.6	9.7	10.1	581.9	2.6	12.7	579.3
SB-9	588.0	0.0	588.0	1.1	1.1	586.9	15.1	16.0	572.0	0.2	16.2	571.8
SB-10	593.0	0.0	593.0	0.4	0.4	592.6	> 18.4					
SB-11	578.0	0.0	578.0	2.2	2.2	575.8	> 33.8					
SB-12	578.0	0.0	578.0	5.1	5.1	572.9	> 23.9					
SB-13	575.0	0.0	575.0	0.1	0.1	574.9	21.2	21.3	553.7	0.7	22.0	553.0
SB-14	582.0				0.0	582.0	12.0	12.0	570.0	0.7	12.7	569.3
SB-15	598.0	0.0	598.0	0.9	0.9	597.1	> 0.7					
SB-16	595.0	0.0	595.0	0.6	0.6	594.4	6.0	6.6	588.4	> 1.4		

Table 6-1.
Analytical Results for Surface Soil Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SS-1 06/07/07 0.0' -0.17' Peat	SS-2 06/07/07 0.0' -0.17' Topsoil & Fill	SS-3 06/07/07 0.0' -0.17' Soil	SS-4 06/07/07 0.0' -0.17' Ash	SS-5 06/07/07 0.0' -0.17' Ash	SS-6 06/08/07 0.0' -0.17' Ash
Semivolatile Organic Compounds (µg/kg or ppb)							
Acenaphthene	100,000			NA		11 J	110 J
Acenaphthylene	100,000	240 J		"		110 J	350 J
Anthracene	100,000	220 J		"		160 J	580 J
Benzo(a)anthracene	1,000	640 J	1,000 J	"	20 J	550.0	1,900 J
Benzo(a)pyrene	1,000	1,100 J	1,100 J	"	22 J	460.0	1,700 J
Benzo(b)fluoranthene	1,000	920 J	1,800 J	"	48 J	690.0	2,600
Benzo(g,h,i)perylene	100,000	400 J	1,200 J	"	20 J	270.0	980 J
Benzo(k)fluoranthene	1,000	470 J	610 J	"		210.0	940 J
Bis(2-ethylhexyl)phthalate	50,000 +			"	110 BJ	76 BJ	
Carbazole	NS			"		73 J	330 J
Chrysene	1,000	470 J	1,200 J	"	16 J	500.0	1,800 J
4-Chloro-3-methylphenol	240.0 +	3,800	1,100 J	"			
Dibenzo(a,h)anthracene	330.0		480 J	"		83 J	350 J
Dibenzofuran	14,000			"		27 J	98 J
Di-n-octylphthalate	50,000 +			"	19 BJ	17 BJ	
Fluoranthene	100,000	1,400 J	1,100 J	"	21 J	940.0	4,000
Fluorene	100,000			"		11 J	
Indeno(1,2,3-cd)pyrene	500.0	300 J	1,100 J	"	16 J	250.0	930 J
2-Methylnaphthalene	36,400 +	160 J		"		40 J	87 J
Naphthalene	100,000			"		29 J	180 J

Table 6-1 (Continued). Analytical Results for Surface Soil Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SS-1 06/07/07 0.0' -0.17' Peat	SS-2 06/07/07 0.0' -0.17' Topsoil & Fill	SS-3 06/07/07 0.0' -0.17' Soil	SS-4 06/07/07 0.0' -0.17' Ash	SS-5 06/07/07 0.0' -0.17' Ash	SS-6 06/08/07 0.0' -0.17' Ash
Semivolatile Organic Compounds (Continued)							
Phenanthrene	100,000	720 J	580 J	NA	15 J	530.0	2,200
Pyrene	100,000	660 J	1,100 J	"	14 J	630.0	2,600
Pesticides (µg/kg or ppb)							
4,4-DDE	1,800			NA		9.8	26.0
4,4'-DDT	1,700	120 B	160 B	"	2.1 BJ	25 B	57 B
Aldrin	19.0			"		2.2 J	6.4 J
alpha-BHC	97.0	34 J	38 J	"			8.9 J
alpha-Chlordane	910.0			"		2.8 J	11 J
delta-BHC	100,000			"		1.1 J	
Dieldrin	39.0	32 J	40 J	"		1.4 J	
Endosulfan II	4,800	49 J		"			
Endosulfan Sulfate	4,800			"		3.9 J	
Endrin Aldehyde	NS			"	1.2 J		23.0
Endrin Ketone	NS	34 J		"			
gamma-Chlordane	540.0 +			"	0.9 BJ	3.1 BJ	
Methoxychlor	NS		120.0	"			
PCBs (µg/kg or ppb)							
Aroclor-1254	-----			N/A			
Aroclor-1260	-----	270.0		"			
Total PCBs	1,000	270.0		"			

Table 6-1 (Continued).
Analytical Results for Surface Soil Samples Collected from the Old Upper Mountain Road Site.

Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SS-1 06/07/07 0.0' -0.17' Peat	SS-2 06/07/07 0.0' -0.17' Topsoil & Fill	SS-3 06/07/07 0.0' -0.17' Soil	SS-4 06/07/07 0.0' -0.17' Ash	SS-5 06/07/07 0.0' -0.17' Ash	SS-6 06/08/07 0.0' -0.17' Ash
Inorganic Compounds (mg/kg or ppm)							
Aluminum	SB (11,670)	8,250	12,200	5,350	16,400	5,960	6,770
Antimony	SB (1.8)		135.0				269.0
Arsenic	16.0	21.4	16.0	3.7	37.3	23.6	20.3
Barium	350.0	705.0	1,570	65.1	230.0	265.0	449.0
Beryllium	14.0	1.2	1.3	0.3	0.67	0.59	0.55
Cadmium	2.5	4.4	55.4	1.6	0.5	0.7	5.1
Chromium	36.0	56.2	297.0	12.8	37.7	43.1	42.5
Cobalt	30.0 +	13.6	27.4	5.4	6.9	10.8	11.1
Copper	270.0	277.0	22,300	160.0	85.7	224.0	1,230
Iron	SB (17,300)	40,800	61,500	12,600	24,100	80,300	30,100
Lead	400.0	1,310	24,300	216.0	186.0	376.0	3,280
Manganese	2,000	177.0	573.0	534.0	809.0	434.0	533.0
Mercury	0.81	0.756	1.9	0.042		0.108	0.411
Nickel	140.0	134.0	1,070	26.1	25.0	89.1	84.3
Selenium	36.0						
Silver	36.0	1.1	114.0	1.0		0.94	3.0
Thallium	SB (2.6)						
Vanadium	150.0 +	22.2	25.6	13.1	31.4	22.8	34.1
Zinc	2,200	688.0	13,400	507.0	599.0	381.0	1,630

Table 6-1 (Continued).
Analytical Results for Surface Soil Samples Collected from the Old Upper Mountain Road Site.

*	6 NYCRR Part 375: Environmental Remediation Programs, Residential Soil Cleanup Objectives, NYSDEC, 2006.
+	NYSDEC Technical and Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1995.
B	Analyte detected in the associated blank, as well as in the sample (organics).
J	Compound reported at an estimated concentration below the sample quantitation limit.
NA	Not analyzed.
NS	No standard or guidance value available.
SB	Site background concentration as determined during the Site Investigation of the Former Flintkote Plant Site (TVGA, 2005).
	Blanks indicate that the sample was analyzed for the associated compound but it was not detected.
	Shaded values equal or exceed the Part 375 or TAGM 4046 soil cleanup objectives.

Table 6-2. TCLP Results for Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Regulatory Level *	SS-1 06/07/07 0.0' - 0.17' Peat	SS-2 06/07/07 0.0' - 0.17' Topsoil & Fill	SS-6 06/08/07 0.0' - 0.17' Ash	WS-1 06/08/07 1.8' - 2.0' Ash	WS-2 06/08/07 1.5' Ash	WS-5 06/13/07 0.0' - 0.25' Ash
Inorganic Compounds (mg/L or ppm)							
Arsenic	5.0	NA	NA	NA	NA	NA	NA
Barium	100.0	"	"	"	"	"	"
Cadmium	1.0	"	0.597	"	"	"	"
Chromium	5.0	"	0.0135	"	"	"	"
Lead	5.0	0.809	272.0	0.948	0.639	2.51	15.8
Mercury	0.2	NA	NA	NA	NA	NA	NA
Selenium	1.0	"	"	"	"	"	"
Silver	5.0	"	"	"	"	"	"
* 6 NYCRR Part 371: Identification and Listing of Hazardous Wastes, NYSDEC, 1995. NA Not analyzed. Samples W3 and W4 were also analyzed for TCLP volatiles, semivolatiles and pesticides. None of these compounds were detected. Exceedances are shaded.							

Table 6-2 (Continued). TCLP Results for Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Regulatory Level *	SB-1A 09/25/07 0.0' - 4.0' Ash	SB-1B 09/25/07 16.0' - 20.0' Ash	SB-2A 09/25/07 0.0' - 4.0' Waste	SB-2D 09/25/07 12.0' - 16.0' Ash	SB-2E 09/25/07 16.0' - 20.0' Ash	SB-2F 09/25/07 20.0' - 24.0' Waste
Inorganic Compounds (mg/L or ppm)							
Arsenic	5.0	NA	NA	NA	NA	NA	NA
Barium	100.0	"	"	"	"	"	"
Cadmium	1.0	"	"	"	"	"	"
Chromium	5.0	"	"	"	"	"	"
Lead	5.0	101.0	7.4	31.0	1.0	2.8	76.9
Mercury	0.2	NA	NA	NA	NA	NA	NA
Selenium	1.0	"	"	"	"	"	"
Silver	5.0	"	"	"	"	"	"
* 6 NYCRR Part 371: Identification and Listing of Hazardous Wastes, NYSDEC, 1995. NA Not analyzed. Exceedances are shaded.							

Table 6-2 (Continued). TCLP Results for Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Regulatory Level *	SB-2G 09/25/07 24.0' - 28.0' Waste	SB-2H 09/25/07 28.0' - 32.0' Ash	SB-3 09/26/07 12.0' - 16.0' Ash	SB-4 09/26/07 8.0' - 12.0' Ash	SB-5 09/26/07 4.0' - 8.0' Waste	SB-6 09/25/07 4.0' - 8.0' Ash
Inorganic Compounds (mg/L or ppm)							
Arsenic	5.0	NA	NA	NA	NA	NA	NA
Barium	100.0	"	"	"	"	"	"
Cadmium	1.0	"	"	"	"	"	"
Chromium	5.0	"	"	"	"	"	"
Lead	5.0	2.8	16.1	9.1	0.024	23.4	2.2
Mercury	0.2	NA	NA	NA	NA	NA	NA
Selenium	1.0	"	"	"	"	"	"
Silver	5.0	"	"	"	"	"	"
* 6 NYCRR Part 371: Identification and Listing of Hazardous Wastes, NYSDEC, 1995. NA Not analyzed. Exceedances are shaded.							

Table 6-2 (Continued). TCLP Results for Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Regulatory Level *	SB-8 09/26/07 8.0' - 10.1' Waste	SB-9B 09/26/07 12.0' - 16.0' Waste	SB-10A 09/26/07 0.0' - 4.0' Foundry Sand	SB-10B 09/26/07 12.0' - 16.0' Waste	SB-11 09/27/07 4.0' - 8.0' Ash	SB-11B 09/27/07 32.0' - 36.0' Ash
Inorganic Compounds (mg/L or ppm)							
Arsenic	5.0	NA	NA	NA	NA	NA	NA
Barium	100.0	"	"	"	"	"	"
Cadmium	1.0	"	"	"	"	"	"
Chromium	5.0	"	"	"	"	"	"
Lead	5.0	0.33	3.1	31.8	7.2	25.9	27.0
Mercury	0.2	NA	NA	NA	NA	NA	NA
Selenium	1.0	"	"	"	"	"	"
Silver	5.0	"	"	"	"	"	"
* 6 NYCRR Part 371: Identification and Listing of Hazardous Wastes, NYSDEC, 1995. NA Not analyzed. Exceedances are shaded.							

Table 6-2 (Continued). TCLP Results for Samples Collected from the Old Upper Mountain Road Site.							
Sample Number Date Sampled Sample Depth Sample Type	Regulatory Level *	SB-12B 09/27/07 20.0' - 24.0' Ash	SB-13 09/28/07 12.0' - 16.0' Ash	SED-2 06/13/07 0.0' - 0.17' Sediment			
Inorganic Compounds (mg/L or ppm)							
Arsenic	5.0	NA	NA	NA			
Barium	100.0	"	"	"			
Cadmium	1.0	"	"	"			
Chromium	5.0	"	"	"			
Lead	5.0	1.6	0.83	0.810			
Mercury	0.2	NA	NA	NA			
Selenium	1.0	"	"	"			
Silver	5.0	"	"	"			
* 6 NYCRR Part 371: Identification and Listing of Hazardous Wastes, NYSDEC, 1995. NA Not analyzed. Exceedances are shaded.							

Table 6-3. Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	WS-1 06/08/07 1.8' - 2.0' Ash	WS-2 06/08/07 1.5' Ash	WS-3 06/11/07 1.5' - 2.0' Ash	WS-4 06/11/07 5.0' Ash	WS-5 06/13/07 0.0' - 0.25' Ash
Volatile Organic Compounds (µg/kg or ppb)						
Acetone	100,000	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	59,000	"	"	"	"	"
1,1-Dichloroethane	19,000	"	"	"	"	"
Methylene Chloride	51,000	"	"	"	"	"
Tetrachloroethene	5,500	"	"	"	"	"
Toluene	100,000	"	"	"	"	"
trans-1,2-Dichloroethene	100,000	"	"	"	"	"
1,1,1-Trichloroethane	100,000	"	"	"	"	"
1,1,2-Trichloroethane	NS	"	"	"	"	"
Trichloroethene	10,000	"	"	"	"	"
Semivolatile Organic Compounds (µg/kg or ppb)						
Acenaphthene	100,000		420.0			
Acenaphthylene	100,000	20 J	250.0			
Anthracene	100,000	26 J	980.0	14 J		
Benzaldehyde	NS				620.0	
Benzo(a)anthracene	1,000	110 J	2,300	52 J	50 J	230 J
Benzo(a)pyrene	1,000	110 J	2,000	49 J	42 J	
Benzo(b)fluoranthene	1,000	190 J	2,800	86 J	78 J	
Benzo(g,h,i)perylene	100,000	160 J	1,100	35 J	34 J	

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	WS-1 06/08/07 1.8' - 2.0' Ash	WS-2 06/08/07 1.5' Ash	WS-3 06/11/07 1.5' - 2.0' Ash	WS-4 06/11/07 5.0' Ash	WS-5 06/13/07 0.0' - 0.25' Ash
Semivolatile Organic Compounds (Continued)						
Benzo(k)fluoranthene	1,000	72 J	950.0	18 J	32 J	
Biphenyl	NS		45 J			
Bis(2-ethylhexyl)phthalate	50,000 +	170 BJ	94 BJ	94 BJ	110 BJ	
Carbazole	NS	14 J	300.0			
Chrysene	1,000	120 J	2,400	49 J	60 J	
Dibenzo(a,h)anthracene	330.0	38 J	360.0	16 J	12 J	
Dibenzofuran	14,000		120 J			
Di-n-octylphthalate	50,000 +	11 BJ			19 BJ	
Fluoranthene	100,000	210.0	4,500	68 J	63 J	
Fluorene	100,000		350.0			
Hexachlorobenzene	410.0 +					
Indeno(1,2,3-cd)pyrene	500.0	110 J	990.0	31 J	36 J	
2-Methylnaphthalene	36,400 +		270 J			
4-Methylphenol	34,000		19 J			
Naphthalene	100,000		250.0			
Pentachlorophenol	2,400					5,600 J
Phenanthrene	100,000	93 J	3,600	38 J	22 J	
Phenol	100,000				43 J	
Pyrene	100,000	140 J	3,200	48 J	41 J	

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	WS-1 06/08/07 1.8' - 2.0' Ash	WS-2 06/08/07 1.5' Ash	WS-3 06/11/07 1.5' - 2.0' Ash	WS-4 06/11/07 5.0' Ash	WS-5 06/13/07 0.0' - 0.25' Ash
Pesticides (µg/kg or ppb)						
4,4-DDD	2600				0.70 J	7.4 J
4,4-DDE	1,800	1.9 J	25.0		2.9	11 J
4,4'-DDT	1,700	3.3 B	55 B	1.8 BJ	10 B	110.0
Aldrin	19.0	0.85 J	8.5 J	0.99 J	0.70 J	
alpha-BHC	97.0	0.76 J	9.0 J			7.4 J
delta-BHC	100,000	0.68 J		0.67 J	0.57 J	
Dieldrin	39.0			0.72 J	1.0 J	
Endosulfan II	4,800					4.8 J
Endosulfan Sulfate	4,800	0.80 J			1.6 J	
Endrin	2,200					
Endrin Aldehyde	NS					
gamma-Chlordane	540.0 +				0.84 BJ	5.2 J
Methoxychlor	NS	9.4	69.0			
PCBs (µg/kg or ppb)						
Aroclor-1248	-----					
Aroclor-1254	-----					
Aroclor-1260	-----					71.0
Total PCBs	1,000					71.0

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	WS-1 06/08/07 1.8' - 2.0' Ash	WS-2 06/08/07 1.5' Ash	WS-3 06/11/07 1.5' - 2.0' Ash	WS-4 06/11/07 5.0' Ash	WS-5 06/13/07 0.0' - 0.25' Ash
Inorganic Compounds (mg/kg or ppm)						
Aluminum	SB (11,670)	5,080	8,750	7,500	5,930	7,470
Antimony	SB (1.8)					31.7
Arsenic	16.0	50.8	18.9	14.7	8.4	22.8
Barium	350.0	225.0	464.0	446.0	198.0	688.0
Beryllium	14.0	0.40	0.77	0.77	0.60	0.57
Cadmium	2.5	2.5	3.6	1.0		8.5
Chromium	36.0	12.5	34.2	22.7	9.7	82.9
Cobalt	30.0 +	5.7	9.8	9.2	6.4	9.0
Copper	270.0	42.1	1,310	95.0	65.3	566.0
Iron	SB (17,300)	16,000	34,200	42,900	9,720	52,500
Lead	400.0	1,700	1,740	539.0	35.9	2,380
Manganese	2,000	389.0	528.0	320.0	77.7	396.0
Mercury	0.81	2.3	0.280	0.063	0.076	1.6
Nickel	140.0	16.5	64.3	27.6	15.4	47.3
Selenium	36.0	30.2				
Silver	36.0		5.1	1.8		12.5
Thallium	SB (2.6)					
Vanadium	150.0 +	25.3	27.5	27.4	22.1	22.9
Zinc	2,200	945.0	2,030	422.0	76.0	2,510

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-1A 09/25/07 0.0' - 4.0' Ash	SB-1B 09/25/07 16.0' - 20.0' Ash	SB-3A 09/26/07 0.0' - 4.0' Waste	SB-3B 09/26/07 4.0' - 8.0' Ash	SB-3 09/26/07 12.0' - 16.0' Ash
Volatile Organic Compounds (µg/kg or ppb)						
Acetone	100,000		NA	8 J		NA
cis-1,2-Dichloroethene	59,000		"	2 J	2 J	"
1,1-Dichloroethane	19,000		"	1 J	1 J	"
Methylene Chloride	51,000	18 B	"	170 B (15,000 B)	95 B (7,300 B)	"
Tetrachloroethene	5,500	27.0	"	2,000 E (190,000)	1,300 E (91,000)	"
Toluene	100,000	2 J	"	4 J	4 J	"
trans-1,2-Dichloroethene	100,000		"	1 J		"
1,1,1-Trichloroethane	100,000	12.0	"	24.0 (3,800 J)	15.0 (2,100 J)	"
1,1,2-Trichloroethane	NS		"		2,000 J	"
Trichloroethene	10,000	98.0	"	840 E (48,000)	570 E (67,000)	"
Semivolatile Organic Compounds (µg/kg or ppb)						
Acenaphthene	100,000		NA	NA	NA	
Acenaphthylene	100,000		"	"	"	140 J
Anthracene	100,000		"	"	"	260 J
Benzaldehyde	NS		"	"	"	
Benzo(a)anthracene	1,000	1,800 J	"	"	"	4,000
Benzo(a)pyrene	1,000		"	"	"	2,400
Benzo(b)fluoranthene	1,000		"	"	"	4,800
Benzo(g,h,i)perylene	100,000		"	"	"	2,800

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-1A 09/25/07 0.0' - 4.0' Ash	SB-1B 09/25/07 16.0' - 20.0' Ash	SB-3A 09/26/07 0.0' - 4.0' Waste	SB-3B 09/26/07 4.0' - 8.0' Ash	SB-3 09/26/07 12.0' - 16.0' Ash
Semivolatile Organic Compounds (Continued)						
Benzo(k)fluoranthene	1,000		"	"	"	1,600 J
Biphenyl	NS		"	"	"	
Bis(2-ethylhexyl)phthalate	50,000 +	13,000	"	"	"	
Carbazole	NS		"	"	"	100 J
Chrysene	1,000		"	"	"	4,700
Dibenzo(a,h)anthracene	330.0		"	"	"	840 J
Dibenzofuran	14,000		"	"	"	
Di-n-octylphthalate	50,000 +		"	"	"	
Fluoranthene	100,000		"	"	"	5,100
Fluorene	100,000		"	"	"	
Hexachlorobenzene	410.0 +		"	"	"	
Indeno(1,2,3-cd)pyrene	500.0		"	"	"	2,200
2-Methylnaphthalene	36,400 +		"	"	"	
4-Methylphenol	34,000		"	"	"	
Naphthalene	100,000		"	"	"	
Pentachlorophenol	2,400		"	"	"	
Phenanthrene	100,000		"	"	"	560 J
Phenol	100,000		"	"	"	
Pyrene	100,000		"	"	"	4,700

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-1A 09/25/07 0.0' - 4.0' Ash	SB-1B 09/25/07 16.0' - 20.0' Ash	SB-3A 09/26/07 0.0' - 4.0' Waste	SB-3B 09/26/07 4.0' - 8.0' Ash	SB-3 09/26/07 12.0' - 16.0' Ash
Pesticides (µg/kg or ppb)						
4,4-DDD	2600		NA	NA	NA	
4,4-DDE	1,800	21.0	"	"	"	
4,4'-DDT	1,700	70.0	"	"	"	
Aldrin	19.0		"	"	"	
alpha-BHC	97.0		"	"	"	
delta-BHC	100,000		"	"	"	
Dieldrin	39.0		"	"	"	
Endosulfan II	4,800	46.0	"	"	"	
Endosulfan Sulfate	4,800	10 J	"	"	"	
Endrin	2,200	11 J	"	"	"	
Endrin Aldehyde	NS	44.0	"	"	"	
gamma-Chlordane	540.0 +	16 J	"	"	"	
Methoxychlor	NS		"	"	"	
PCBs (µg/kg or ppb)						
Aroclor-1248	-----		NA	NA	NA	
Aroclor-1254	-----	520.0	"	"	"	
Aroclor-1260	-----		"	"	"	
Total PCBs	1,000	520.0	"	"	"	

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-1A 09/25/07 0.0' - 4.0' Ash	SB-1B 09/25/07 16.0' - 20.0' Ash	SB-3A 09/26/07 0.0' - 4.0' Waste	SB-3B 09/26/07 4.0' - 8.0' Ash	SB-3 09/26/07 12.0' - 16.0' Ash
Inorganic Compounds (mg/kg or ppm)						
Aluminum	SB (11,670)	5,840	8,600	NA	NA	6,830
Antimony	SB (1.8)	42.7 N		"	"	
Arsenic	16.0	12.4 N	19.5 N	"	"	13.4 N
Barium	350.0	274.0	420.0	"	"	336.0
Beryllium	14.0	0.54	0.64	"	"	0.69
Cadmium	2.5	5.3	4.7	"	"	3.3
Chromium	36.0	51.6 N	52.9 N	"	"	49.1 N
Cobalt	30.0 +	7.2	11.1	"	"	9.2
Copper	270.0	1,430	398.0	"	"	608.0
Iron	SB (17,300)	21,100	127,000	"	"	26,100
Lead	400.0	10,500 (7,560)	2,380 (1,180)	"	"	2,500 (2,620)
Manganese	2,000	152.0	694.0	"	"	303.0
Mercury	0.81	0.141	0.052	"	"	0.356
Nickel	140.0	104.0	81.1	"	"	46.5
Selenium	36.0			"	"	
Silver	36.0	9.3	18.0	"	"	4.7
Thallium	SB (2.6)			"	"	
Vanadium	150.0 +	23.4	32.8	"	"	20.7
Zinc	2,200	3,210	1,000	"	"	938.0

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-4 09/26/07 8.0' - 12.0' Ash	SB-5 09/26/07 4.0' - 8.0' Waste	SB-6 09/25/07 4.0' - 8.0' Ash	SB-7B 09/26/07 4.0' - 5.6' Ash	SB-8 09/26/07 8.0' - 10.1' Waste
Volatile Organic Compounds (µg/kg or ppb)						
Acetone	100,000	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	59,000	"	"	"	"	"
1,1-Dichloroethane	19,000	"	"	"	"	"
Methylene Chloride	51,000	"	"	"	"	"
Tetrachloroethene	5,500	"	"	"	"	"
Toluene	100,000	"	"	"	"	"
trans-1,2-Dichloroethene	100,000	"	"	"	"	"
1,1,1-Trichloroethane	100,000	"	"	"	"	"
1,1,2-Trichloroethane	NS	"	"	"	"	"
Trichloroethene	10,000	"	"	"	"	"
Semivolatile Organic Compounds (µg/kg or ppb)						
Acenaphthene	100,000	NA			NA	NA
Acenaphthylene	100,000	"			"	"
Anthracene	100,000	"			"	"
Benzaldehyde	NS	"			"	"
Benzo(a)anthracene	1,000	"	230 J	470 J	"	"
Benzo(a)pyrene	1,000	"	96 J	480 J	"	"
Benzo(b)fluoranthene	1,000	"	420 J	440 J	"	"
Benzo(g,h,i)perylene	100,000	"	200 J	320 J	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-4 09/26/07 8.0' - 12.0' Ash	SB-5 09/26/07 4.0' - 8.0' Waste	SB-6 09/25/07 4.0' - 8.0' Ash	SB-7B 09/26/07 4.0' - 5.6' Ash	SB-8 09/26/07 8.0' - 10.1' Waste
Semivolatile Organic Compounds (Continued)						
Benzo(k)fluoranthene	1,000	"			"	"
Biphenyl	NS	"			"	"
Bis(2-ethylhexyl)phthalate	50,000 +	"			"	"
Carbazole	NS	"			"	"
Chrysene	1,000	"	280 J	360 J	"	"
Dibenzo(a,h)anthracene	330.0	"	54 J		"	"
Dibenzofuran	14,000	"			"	"
Di-n-octylphthalate	50,000 +	"			"	"
Fluoranthene	100,000	"	280 J	500 J	"	"
Fluorene	100,000	"			"	"
Hexachlorobenzene	410.0 +	"	220 J		"	"
Indeno(1,2,3-cd)pyrene	500.0	"	150 J	340 J	"	"
2-Methylnaphthalene	36,400 +	"	46 J		"	"
4-Methylphenol	34,000	"			"	"
Naphthalene	100,000	"	58 J		"	"
Pentachlorophenol	2,400	"			"	"
Phenanthrene	100,000	"	130 J	410 J	"	"
Phenol	100,000	"			"	"
Pyrene	100,000	"	280 J	540 J	"	"

Table 6-3 (Continued).						
Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-4 09/26/07 8.0' - 12.0' Ash	SB-5 09/26/07 4.0' - 8.0' Waste	SB-6 09/25/07 4.0' - 8.0' Ash	SB-7B 09/26/07 4.0' - 5.6' Ash	SB-8 09/26/07 8.0' - 10.1' Waste
Pesticides (µg/kg or ppb)						
4,4-DDD	2600	NA			NA	NA
4,4-DDE	1,800	"			"	"
4,4'-DDT	1,700	"		37.0	"	"
Aldrin	19.0	"	7.6 J	8.0 J	"	"
alpha-BHC	97.0	"			"	"
delta-BHC	100,000	"			"	"
Dieldrin	39.0	"		5.6 J	"	"
Endosulfan II	4,800	"			"	"
Endosulfan Sulfate	4,800	"			"	"
Endrin	2,200	"			"	"
Endrin Aldehyde	NS	"			"	"
gamma-Chlordane	540.0 +	"			"	"
Methoxychlor	NS	"	61.0		"	"
PCBs (µg/kg or ppb)						
Aroclor-1248	-----	NA			NA	NA
Aroclor-1254	-----	"			"	"
Aroclor-1260	-----	"			"	"
Total PCBs	1,000	"			"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-4 09/26/07 8.0' - 12.0' Ash	SB-5 09/26/07 4.0' - 8.0' Waste	SB-6 09/25/07 4.0' - 8.0' Ash	SB-7B 09/26/07 4.0' - 5.6' Ash	SB-8 09/26/07 8.0' - 10.1' Waste
Inorganic Compounds (mg/kg or ppm)						
Aluminum	SB (11,670)	7,660	3,040	6,940	7,300	10,100
Antimony	SB (1.8)	36.1 N	276 N	26.5 N		33.2 N
Arsenic	16.0	33.3 N	47.9 N	42.7 N	15.4 N	44.5 N
Barium	350.0	904.0	1,650	752.0	287.0	1,810
Beryllium	14.0	0.76	0.25	0.68	0.63	0.49
Cadmium	2.5	3.8	13.7	10.0	1.2	4.9
Chromium	36.0	35.9 N	113 N	54.0 N	20.8 N	120 N
Cobalt	30.0 +	10.1	10.7	8.1	8.6	19.7
Copper	270.0	494.0	13,400	670.0	208.0	1,220
Iron	SB (17,300)	45,200	115,000	40,200	36,400	157,000
Lead	400.0	3,060 (1,660)	77,300 (13,900)	2,170 (2,490)	385.0	2,110 (1,360)
Manganese	2,000	651.0	610.0	495.0	432.0	851.0
Mercury	0.81	0.370	0.105	0.765	0.097	0.430
Nickel	140.0	60.7	336.0	55.1	24.6	248.0
Selenium	36.0	5.5				
Silver	36.0	3.5	8.6	6.7		7.8
Thallium	SB (2.6)					
Vanadium	150.0 +	20.3	16.4	23.0	23.5	23.3
Zinc	2,200	1,980	14,900	3,550	573.0	3,980

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-9A 09/26/07 4.0' - 8.0' Waste	SB-9B 09/26/07 12.0' - 16.0' Waste	SB-10A 09/26/07 0.0' - 4.0' Foundry Sand	SB-10B 09/26/07 12.0' - 16.0' Waste	SB-11 09/27/07 4.0' - 8.0' Ash
Volatile Organic Compounds (µg/kg or ppb)						
Acetone	100,000	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	59,000	"	"	"	"	"
1,1-Dichloroethane	19,000	"	"	"	"	"
Methylene Chloride	51,000	"	"	"	"	"
Tetrachloroethene	5,500	"	"	"	"	"
Toluene	100,000	"	"	"	"	"
trans-1,2-Dichloroethene	100,000	"	"	"	"	"
1,1,1-Trichloroethane	100,000	"	"	"	"	"
1,1,2-Trichloroethane	NS	"	"	"	"	"
Trichloroethene	10,000	"	"	"	"	"
Semivolatile Organic Compounds (µg/kg or ppb)						
Acenaphthene	100,000		NA		NA	NA
Acenaphthylene	100,000		"		"	"
Anthracene	100,000	76 J	"	39 J	"	"
Benzaldehyde	NS		"		"	"
Benzo(a)anthracene	1,000	450 J	"	440 J	"	"
Benzo(a)pyrene	1,000	360 J	"	440 J	"	"
Benzo(b)fluoranthene	1,000	700 J	"	800 J	"	"
Benzo(g,h,i)perylene	100,000	350 J	"	480 J	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-9A 09/26/07 4.0' - 8.0' Waste	SB-9B 09/26/07 12.0' - 16.0' Waste	SB-10A 09/26/07 0.0' - 4.0' Foundry Sand	SB-10B 09/26/07 12.0' - 16.0' Waste	SB-11 09/27/07 4.0' - 8.0' Ash
Semivolatile Organic Compounds (Continued)						
Benzo(k)fluoranthene	1,000		"	220 J	"	"
Biphenyl	NS		"		"	"
Bis(2-ethylhexyl)phthalate	50,000 +		"		"	"
Carbazole	NS	43 J	"	49 J	"	"
Chrysene	1,000	440 J	"	500 J	"	"
Dibenzo(a,h)anthracene	330.0	77 J	"	110 J	"	"
Dibenzofuran	14,000		"		"	"
Di-n-octylphthalate	50,000 +		"		"	"
Fluoranthene	100,000	730 J	"	750 J	"	"
Fluorene	100,000		"		"	"
Hexachlorobenzene	410.0 +		"		"	"
Indeno(1,2,3-cd)pyrene	500.0	250 J	"	390 J	"	"
2-Methylnaphthalene	36,400 +		"		"	"
4-Methylphenol	34,000		"		"	"
Naphthalene	100,000		"		"	"
Pentachlorophenol	2,400		"		"	"
Phenanthrene	100,000	370 J	"	270 J	"	"
Phenol	100,000		"		"	"
Pyrene	100,000	650 J	"	730 J	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-9A 09/26/07 4.0' - 8.0' Waste	SB-9B 09/26/07 12.0' - 16.0' Waste	SB-10A 09/26/07 0.0' - 4.0' Foundry Sand	SB-10B 09/26/07 12.0' - 16.0' Waste	SB-11 09/27/07 4.0' - 8.0' Ash
Pesticides (µg/kg or ppb)						
4,4-DDD	2600		NA		NA	NA
4,4-DDE	1,800		"		"	"
4,4'-DDT	1,700	17 J	"		"	"
Aldrin	19.0		"		"	"
alpha-BHC	97.0		"		"	"
delta-BHC	100,000		"		"	"
Dieldrin	39.0		"		"	"
Endosulfan II	4,800		"		"	"
Endosulfan Sulfate	4,800		"		"	"
Endrin	2,200		"		"	"
Endrin Aldehyde	NS		"		"	"
gamma-Chlordane	540.0 +		"		"	"
Methoxychlor	NS		"		"	"
PCBs (µg/kg or ppb)						
Aroclor-1248	-----		NA		NA	NA
Aroclor-1254	-----		"		"	"
Aroclor-1260	-----		"		"	"
Total PCBs	1,000		"		"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-9A 09/26/07 4.0' - 8.0' Waste	SB-9B 09/26/07 12.0' - 16.0' Waste	SB-10A 09/26/07 0.0' - 4.0' Foundry Sand	SB-10B 09/26/07 12.0' - 16.0' Waste	SB-11 09/27/07 4.0' - 8.0' Ash
Inorganic Compounds (mg/kg or ppm)						
Aluminum	SB (11,670)	NA	8,020	5,110	7,420	4,900
Antimony	SB (1.8)	"				
Arsenic	16.0	"	29.1 N	5.6 N	37.0 N	5.2
Barium	350.0	"	353.0	149.0	720.0	677.0
Beryllium	14.0	"	0.74	0.25	0.46	0.31
Cadmium	2.5	"	5.2	5.0	4.8	20.9
Chromium	36.0	"	27.2 N	29.5 N	51.7 N	238.0
Cobalt	30.0 +	"	6.9	5.1	12.4	32.3
Copper	270.0	"	192.0	9,290	1,060	3,910
Iron	SB (17,300)	"	39,700	19,200	67,600	20,600
Lead	400.0	"	1,870 (3,350)	1,160 (1,100)	1,540 (1,120)	6,070 (9,310)
Manganese	2,000	"	405.0	177.0	582.0	336.0
Mercury	0.81	"	1.3	0.117	5.1	5.8
Nickel	140.0	"	23.0	87.5	171.0	103.0
Selenium	36.0	"	4.5			
Silver	36.0	"	0.66	6.4	3.3	17.4
Thallium	SB (2.6)	"				
Vanadium	150.0 +	"	24.7	13.0	16.5	15.3
Zinc	2,200	"	1,070	2,710	1,810	6,740

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-11B 09/27/07 32.0' - 36.0' Ash	SB-12 09/27/07 16.0' - 20.0' Ash	SB-12B 09/27/07 20.0' - 24.0' Ash	SB-13 09/28/07 12.0' - 16.0' Ash	SB-14 09/28/07 8.0' - 12.0' Ash
Volatile Organic Compounds (µg/kg or ppb)						
Acetone	100,000	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	59,000	"	"	"	"	"
1,1-Dichloroethane	19,000	"	"	"	"	"
Methylene Chloride	51,000	"	"	"	"	"
Tetrachloroethene	5,500	"	"	"	"	"
Toluene	100,000	"	"	"	"	"
trans-1,2-Dichloroethene	100,000	"	"	"	"	"
1,1,1-Trichloroethane	100,000	"	"	"	"	"
1,1,2-Trichloroethane	NS	"	"	"	"	"
Trichloroethene	10,000	"	"	"	"	"
Semivolatile Organic Compounds (µg/kg or ppb)						
Acenaphthene	100,000	NA	180 J	NA	NA	NA
Acenaphthylene	100,000	"	45 J	"	"	"
Anthracene	100,000	"	440 J	"	"	"
Benzaldehyde	NS	"		"	"	"
Benzo(a)anthracene	1,000	"	1,200	"	"	"
Benzo(a)pyrene	1,000	"	1,400	"	"	"
Benzo(b)fluoranthene	1,000	"	2,400	"	"	"
Benzo(g,h,i)perylene	100,000	"	1,200	"	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-11B 09/27/07 32.0' - 36.0' Ash	SB-12 09/27/07 16.0' - 20.0' Ash	SB-12B 09/27/07 20.0' - 24.0' Ash	SB-13 09/28/07 12.0' - 16.0' Ash	SB-14 09/28/07 8.0' - 12.0' Ash
Semivolatile Organic Compounds (Continued)						
Benzo(k)fluoranthene	1,000	"		"	"	"
Biphenyl	NS	"		"	"	"
Bis(2-ethylhexyl)phthalate	50,000 +	"		"	"	"
Carbazole	NS	"	150 J	"	"	"
Chrysene	1,000	"	1,100	"	"	"
Dibenzo(a,h)anthracene	330.0	"	340 J	"	"	"
Dibenzofuran	14,000	"	110 J	"	"	"
Di-n-octylphthalate	50,000 +	"		"	"	"
Fluoranthene	100,000	"	2,000	"	"	"
Fluorene	100,000	"	160 J	"	"	"
Hexachlorobenzene	410.0 +	"		"	"	"
Indeno(1,2,3-cd)pyrene	500.0	"	980.0	"	"	"
2-Methylnaphthalene	36,400 +	"	71 J	"	"	"
4-Methylphenol	34,000	"		"	"	"
Naphthalene	100,000	"	170 J	"	"	"
Pentachlorophenol	2,400	"		"	"	"
Phenanthrene	100,000	"	1,500 B	"	"	"
Phenol	100,000	"		"	"	"
Pyrene	100,000	"	1,600	"	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-11B 09/27/07 32.0' - 36.0' Ash	SB-12 09/27/07 16.0' - 20.0' Ash	SB-12B 09/27/07 20.0' - 24.0' Ash	SB-13 09/28/07 12.0' - 16.0' Ash	SB-14 09/28/07 8.0' - 12.0' Ash
Pesticides (µg/kg or ppb)						
4,4-DDD	2600	NA		NA	NA	NA
4,4-DDE	1,800	"		"	"	"
4,4'-DDT	1,700	"		"	"	"
Aldrin	19.0	"		"	"	"
alpha-BHC	97.0	"		"	"	"
delta-BHC	100,000	"		"	"	"
Dieldrin	39.0	"		"	"	"
Endosulfan II	4,800	"	3.8 J	"	"	"
Endosulfan Sulfate	4,800	"		"	"	"
Endrin	2,200	"		"	"	"
Endrin Aldehyde	NS	"		"	"	"
gamma-Chlordane	540.0 +	"		"	"	"
Methoxychlor	NS	"		"	"	"
PCBs (µg/kg or ppb)						
Aroclor-1248	-----	NA	36.0	NA	NA	NA
Aroclor-1254	-----	"	36.0	"	"	"
Aroclor-1260	-----	"		"	"	"
Total PCBs	1,000	"	72.0	"	"	"

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.						
Sample Number Date Sampled Sample Depth Sample Type	Part 375 Soil Cleanup Objective *	SB-11B 09/27/07 32.0' - 36.0' Ash	SB-12 09/27/07 16.0' - 20.0' Ash	SB-12B 09/27/07 20.0' - 24.0' Ash	SB-13 09/28/07 12.0' - 16.0' Ash	SB-14 09/28/07 8.0' - 12.0' Ash
Inorganic Compounds (mg/kg or ppm)						
Aluminum	SB (11,670)	7,230	NA	8,700	10,200	5,370
Antimony	SB (1.8)		"			
Arsenic	16.0	13.6	"	12.9	32.1	10.4
Barium	350.0	772.0	"	919.0	1,560	290.0
Beryllium	14.0	0.71	"	0.43	0.77	0.49
Cadmium	2.5	6.4	"	2.7	5.2	0.52
Chromium	36.0	220.0	"	41.7	28.1	8.8
Cobalt	30.0 +	15.6	"	8.9	9.0	4.4
Copper	270.0	1,230	"	709.0	359.0	125.0
Iron	SB (17,300)	26,600	"	30,000	17,800	5,150
Lead	400.0	3,920 (6,180)	"	1,650 (2,280)	1,540 (2,180)	150.0
Manganese	2,000	391.0	"	523.0	1,480	91.2
Mercury	0.81	2.6	"	0.898	0.175	0.321
Nickel	140.0	76.6	"	48.6	25.6	28.9
Selenium	36.0		"			
Silver	36.0	10.6	"	4.3	1.7	
Thallium	SB (2.6)		"			
Vanadium	150.0 +	21.2	"	18.9	31.9	22.2
Zinc	2,200	3,610	"	2,190	2,910	649.0

Table 6-3 (Continued). Analytical Results for Waste Samples Collected from the Old Upper Mountain Road Site.	
*	6 NYCRR Part 375: Environmental Remediation Programs, Residential Soil Cleanup Objectives, NYSDEC, 2006.
+	NYSDEC Technical and Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1995.
B	Analyte detected in the associated blank, as well as in the sample (organics).
J	Compound reported at an estimated concentration below the sample quantitation limit.
N	Spike sample recovery is not within control limits.
NA	Not analyzed.
NS	No standard or guidance value available.
SB	Site background concentration as determined during the Site Investigation of the Former Flintkote Plant Site (TVGA, 2005).
()	Results of a duplicate analysis.
	Blanks indicate that the sample was analyzed for the associated compound but it was not detected.
	Shaded values equal or exceed the Part 375 or TAGM 4046 soil cleanup objectives.

Table 6-4. Analytical Results for Surface Water Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Location	Surface Water Standard *	SW-1 06/11/07 Upstream	SW-2 06/13/07 Downstream
Volatile Organic Compounds (µg/L or ppb)			
Bromodichloromethane	50 G	2.9	
Bromoform	50 G	0.30 J	
Chloroform	7.0	11.0	1.9
1,2-Dichloroethene (total)	5.0	5.0	
Dibromochloromethane	50 G	1.3	
Tetrachloroethene	0.7 G		5.8
1,1,1-Trichloroethane	5.0		1.3
Trichloroethene	5.0	20.0	12.0
Semivolatile Organic Compounds (µg/L or ppb)			
Benzo(a)anthracene	0.002 G		0.3 J
Bis(2-ethylhexyl)phthalate	5.0	4 BJ	5 B
Butylbenzylphthalate	50 G	2 J	2 BJ
Di-n-octylphthalate	50 G	4 J	4 BJ
Fluoranthene	50 G		0.4 J
Naphthalene	13 G		0.2 J
Phenanthrene	50 G		0.2 J
Pyrene	50 G		0.3 J
Pesticides (µg/L or ppb)			
4,4'-DDT	0.2	0.039 J	
Dieldrin	0.004		0.021 J
Endrin	0.2	0.014 J	
gamma-BHC (Lindane)	0.05	0.016 J	
gamma-Chlordane	0.05	0.013 J	
Heptachlor Epoxide	0.03	0.16	
Inorganic Compounds (µg/L or ppb)			
Aluminum	100.0		1,870
Antimony	3.0		
Arsenic	50.0		

Table 6-4 (Continued). Analytical Results for Surface Water Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Location	Surface Water Standard *	SW-1 06/11/07 Upstream	SW-2 06/13/07 Downstream
Inorganic Compounds (Continued)			
Barium	1,000	57.9	77.7
Beryllium	3.0 G		
Cadmium	5.0		
Chromium	50.0		5.2
Cobalt	5.0		
Copper	200.0		87.9
Iron	300.0	99.2	2,700
Lead	50.0		57.2
Manganese	300.0	5.6	76.4
Mercury	0.7		
Nickel	100.0		
Selenium	10.0		
Silver	50.0		
Thallium	0.5 G		
Vanadium	14.0		
Zinc	2,000 G	11.1	272.0
* NYSDEC Ambient Water Quality Standards and Guidance Values, June 1998. B Value greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics). G Guidance value. J Compound reported at an estimated concentration below the reporting limit. NA Not analyzed. Blanks indicate that the sample was analyzed for the associated compound but it was not detected. Shaded values equal or exceed the NYSDEC surface water standards or guidance values.			

Table 6-5. Analytical Results for Sediment Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Depth Sample Type	NYSDEC Sediment Criteria *	SED-1 06/11/07 0.0' - 0.17' Sediment	SED-2 06/13/07 0.0' - 0.17' Sediment
Volatile Organic Compounds (µg/kg or ppb)			
Acetone	2,200 **	17 J	60 BJ
Carbon Disulfide	NS	2 J	6 J
1,2-Dichloroethene	0.8 ●	6 J	7 J
Tetrachloroethene	23.8 ●		6 J
Trichlorofluoromethane	NS	2 J	4 J
Semivolatile Organic Compounds (µg/kg or ppb)			
Benzo(a)pyrene	41.3 ●	2,300 J	1,300 J
Benzo(a)anthracene	383.8	2,500 J	1,600 J
Benzo(b)fluoranthene	41.3 ●	3,500 J	1,700 J
Benzo(g,h,i)perylene	NS	1,300 J	1,300 J
Benzo(k)fluoranthene	41.3 ●	960 J	750 J
Chrysene	41.3 ●	1,800 J	1,200 J
Fluoranthene	32,028	5,700 J	2,600 J
Indeno(1,2,3-cd)pyrene	41.3 ●	1,200 J	1,200 J
Phenanthrene	3,768	3,200 J	1,200 J
Pyrene	30,178	3,100 J	2,100 J
Pesticides (µg/kg or ppb)			
4,4'-DDE	0.3 ●		6.8 J
4,4'-DDT	31.4	74 BJ	
Aldrin	3.1 ●		6.4 J
alpha-BHC	2.0		7.2 J
Dieldrin	24.2	60 J	7.6 J
PCBs (µg/kg or ppb)			
Aroclor-1260	606.8		63.0
Inorganic Compounds (mg/kg or ppm)			
Aluminum	SB (11,670) ++	2,470	7,420
Antimony	2.0		
Arsenic	6.0	3.2	64.7

Table 6-5 (Continued). Analytical Results for Sediment Samples Collected from the Old Upper Mountain Road Site.			
Sample Number Date Sampled Sample Depth Sample Type	NYSDEC Sediment Criteria *	SED-1 06/11/07 0.0' - 0.17' Sediment	SED-2 06/13/07 0.0' - 0.17' Sediment
Inorganic Compounds (Continued)			
Barium	433 **	18.5	215.0
Beryllium	10 **		0.51
Cadmium	0.6	0.60	4.5
Chromium	26.0	63.9	131.0
Cobalt	30.0 ++	2.6	36.7
Copper	16.0	33.1	562.0
Iron	20,000	17,100	417,000
Lead	31.0	70.1	1,230
Manganese	460.0	652.0	1,370
Mercury	0.15		0.166
Nickel	16.0	11.6	180.0
Selenium	3.9 **		
Silver	1.0		
Thallium	SB (2.6) ++		
Vanadium	150.0 ++	8.9	17.5
Zinc	120.0	165.0	8,170
* NYSDEC Technical Guidance for Screening Contaminated Sediments, January 1999. Sediment criteria calculated using a total organic carbon content of 3.14%. Sediment criteria given are for the protection of benthic aquatic life from chronic toxicity (organics) and the lowest effect level (metals) unless otherwise noted. ● Sediment criteria for the protection of human health bioaccumulation. ** 6 NYCRR Part 375: Environmental Remediation Programs, Soil Cleanup Objectives for the Protection of Ecological Resources, NYSDEC, 2006. ++ NYSDEC Technical and Guidance Memorandum (TAGM) 4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1995. B Analyte detected in the associated blank, as well as in the sample (organics) or the value is greater than or equal to the instrument detection limit, but less than the contract required detection limit (inorganics). J Compound reported at an estimated concentration below the sample quantitation limit. N Spike sample recovery or spike analysis is not within quality control limits (inorganics). NS No standard or guidance value available. SB Site background concentration as determined during the Site Investigation of the Former Flintkote Plant Site (TVGA, 2005). Blanks indicate that the sample was analyzed for the associated compound but it was not detected. Shaded values equal or exceed the NYSDEC sediment criteria, Part 375 soil cleanup objectives, or TAGM 4046 soil cleanup objectives.			

APPENDICES

APPENDIX A

STRATIGRAPHIC LOGS

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-1
Site Number:	932112	Date Completed:	09/25/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	20.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	572.0				
0.0	2.6' recovery 0.0'-0.3': Topsoil with rootlets and a few rock fragments. 0.3'-4.0': Multi-colored, layered ash with slag, brick and silty clay. Foundry sand also observed in a 0.8' layer. Dry. FILL.	572.0 571.7	1			10.7
4.0	1.5' recovery 4.0'-8.0': Sample same as above with coal, glass and no foundry sand. Dry. FILL.		2			1.8
8.0	1.9' recovery 8.0'-12.0': Sample same as above with coal, concrete and rock. Moist. FILL.		3			1.4
12.0	2.5' recovery 12.0'-16.0': Sample same as above with concrete. Moist. FILL.		4			0.0
16.0	2.9' recovery 16.0'-18.4': Sample same as above with brick, rock and glass. Very moist. FILL. 18.4'-20.0' Brownish red silty clay with a white crystalline material and dolostone rock fragments. Moist. NATIVE.	553.6	5			0.0
20.0	20.0': Refusal. BEDROCK. BOH=20.0' bgs.	552.0				

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-2
Site Number:	932112	Date Completed:	09/25/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	36.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	588.0				
0.0	1.6' recovery		1			0.0
	0.0'-0.6': Fine-grained, black and brown foundry sand. Dry. FILL.	588.0				
	0.6'-0.8': Red brown silty clay with dolostone rock fragments. Dry. FILL.	587.4				
	0.8'-4.0': Multi-colored, layered ash with a trace of wood, coal and rock. Dry. FILL.	587.2				
4.0	1.8' recovery with 0.4' of fall-in		2			0.0
	4.0'-8.0': Sample same as above. Dry. FILL.					
8.0	1.6' recovery		3			0.0
	8.0'-12.0': Gray ash with coal and rock. Moist. FILL.					
12.0	1.7' recovery with 0.2' of fall-in		4			0.0
	12.0'-16.0': Sample same as above with coal. Glass and a trace of brick in bottom 0.8' of sample. Moist. FILL.					
16.0	2.6' recovery with 0.8' of fall-in		5			0.0
	16.0'-20.0': Brown to gray ash with glass, coal, concrete and ceramic. Moist. FILL.					
20.0	2.4' recovery		6			0.0
	20.0'-24.0': Fine-grained, foundry sand with rock, coke and a trace of concrete. Coal and glass in bottom 0.7' of sample. Moist. FILL.	568.0				

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-2 cont.
Site Number:	932112	Date Completed:	09/25/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	36.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	588.0				
24.0	4.0' recovery		7			0.3
	24.0'-25.0': Sample same as above with a trace of coke, ceramic and slag. Dry. FILL.					
	25.0'-26.1': Whitish gray ash with coal, slag and rock. Dry. FILL.	563.0				
	26.1'-26.4': Fine-grained, black foundry sand. Dry. FILL.	561.9				
	26.4'-26.7': Whitish gray ash. Moist. FILL.	561.6				
	26.7'-27.9': Fine-grained, black foundry sand. Moist. FILL.	561.3				
	27.9'-28.0': Whitish gray ash. Moist. FILL.	560.1				
28.0	4.0' recovery		8			0.8
	28.0'-31.7': Multi-colored, layered ash with slag, brick and rock. Moist. FILL.					
	31.7'-32.0': Brownish red silty clay. Moist. FILL.	556.3				
32.0	4.0' recovery with 1.9' of fall-in		9			0.0
	32.0'-32.9': Sample same as above. Moist. FILL.					
	32.9'-33.2': Rust colored foundry sand. Moist. FILL.	555.1				
	33.2'-36.0': Black foundry sand with glass. Moist. FILL.					
36.0	BOH=36.0' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-3
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	16.4 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	585.0				
0.0	2.7' recovery 0.0'-0.8': Fine-grained, dark brown foundry sand with a trace of rock. Dry. FILL. 0.8'-4.0': Multi-colored, layered ash with coal and a trace of brick. Dry. FILL.	585.0 584.2	1			85.0
4.0	2.5' recovery 4.0'-8.0': Sample same as above. Dry. FILL.		2			29.0
8.0	2.3' recovery 8.0'-12.0': Sample same as above. Dry. FILL.		3			22.6
12.0	2.3' recovery 12.0'-16.0': Sample same as above with coal, slag and glass. Dry. FILL.		4			NM
16.0	0.9' recovery with 0.5' of fall-in 16.0'-16.4': Gray ash with glass and rock. Dry. FILL.		5			13.7
16.4	BOH=16.4' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-4
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	14.5 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	587.0				
0.0	1.9' recovery 0.0'-0.3': Topsoil with rootlets and rock. Moist. 0.3'-4.0': Multi-colored, layered ash with rock, brick and coal. Dry. FILL.	587.0 586.7	1			0.8
4.0	1.2' recovery 4.0'-8.0': Sample same as above. Dry to moist. FILL.		2			0.0
8.0	1.4' recovery 8.0'-12.0': Sample same as above with a trace of coal, glass, rock and metal. The bottom 0.3' of sample is red and contains a white crystalline material. Moist. FILL.		3			0.0
12.0	2.2' recovery 12.0'-13.8': Sample same as above with coal, brick, rock, glass and metal. Moist. FILL. 13.8'-14.5': Brown silty clay with dolostone rock fragments. Saturated. NATIVE.	573.2	4			1.5
14.5	14.5': Refusal. BEDROCK. BOH=14.5' bgs.	572.5				

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-5
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	14.5 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	583.0				
0.0	3.8' recovery 0.0'-2.7': Brown silty clay with rock and rootlets in the upper 0.4' of sample. Dry. FILL. 2.7'-4.0': Multi-colored, layered foundry sand with slag and brick. Dry. FILL.	583.0 580.3	1			0.8
4.0	2.1' recovery 4.0'-4.7': Sample same as above. Dry. FILL. 4.7'-8.0': Multi-colored, layered ash with a trace of glass, slag and coke in bottom 0.7' of sample. Dry. FILL.	578.3	2			0.0
8.0	2.0' recovery 8.0'-12.0': Sample same as above with glass and coal, and brick near the bottom of the sample. Dry. FILL.		3			0.0
12.0	2.6' recovery 12.0'-13.1': Sample same as above with glass, slag and metal. Dry. FILL. 13.1'-14.5': Brown red silty clay with dolostone rock fragments. Moist. NATIVE.	569.9	4			0.0
	14.5': Refusal. BEDROCK.	568.5				
14.5	BOH=14.5' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-6
Site Number:	932112	Date Completed:	09/25/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	13.6 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	590.0				
0.0	1.7' recovery		1			0.0
	0.0'-4.0': Brown silty clay with rock. Dry. FILL.	590.0				
4.0	2.3' recovery		2			NM
	4.0'-4.5': Sample same as above. Dry. FILL.					
	4.5'-8.0': Multi-colored, layered ash with metal, slag, rubber and brick. Dry. FILL.	585.5				
8.0	2.7' recovery		3			0.0
	8.0'-8.6': Sample same as above. Dry. FILL.					
	8.6'-10.0': Wood and wood fiber mixed with soil. Some rootlets. Moist. FILL.	581.4				
	10.0'-10.3': Concrete. FILL.	580.0				
	10.3'-12.0': Grayish brown ash with rock and some rootlets. Moist. FILL.	579.7				
12.0	3.2' recovery with 1.6' of fall-in		4			0.0
	12.0'-13.6': Brown silty clay with white staining, rust colored mottling and some rootlets. Moist. NATIVE.	578.0				
	13.6': Refusal. BEDROCK.	576.4				
13.6	BOH=13.6' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-7
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	5.6 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	592.0				
0.0	3.0' recovery		1			0.0
	0.0'-2.2': Brown silty clay with rock and rootlets in the upper 0.3' of sample. Dry. FILL.	592.0				
	2.2'-4.0': Gray ash with a trace of coal and fibrous material (laminate?). Dry. FILL.	589.8				
4.0	1.1' recovery		2			0.0
	4.0'-5.6': Sample same as above with coal. Dry. FILL.					
5.6	BOH=5.6' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-8
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	12.7 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	592.0				
0.0	1.6' recovery 0.0'-0.4': Brown silty clay with rock and rootlets. Moist. FILL. 0.4'-4.0': Multi-colored, layered ash with glass, ceramic, rock and brick. Dry. FILL.	592.0 591.6	1			0.0
4.0	3.0' recovery 4.0'-4.7': Sample same as above. Dry. FILL. 4.7'-5.4': Rust colored foundry sand. Dry. FILL. 5.4'-8.0': Multi-colored, layered ash with coal, slag and a trace of glass. Moist. FILL.	587.3 586.6	2			1.3
8.0	4.0' recovery 8.0'-9.8': Sample same as above with more glass. Dry. FILL. 9.8'-10.1': Rust colored slag with glass in bottom of sample. Very moist. FILL. 10.1'-12.0': Brown silty clay with rust colored mottling and dolostone rock fragments. Moist. NATIVE.	582.2 581.9	3			0.0
12.0	2.1' recovery with 1.4' of fall-in 12.0'-12.7': Sample same as above. Very moist. NATIVE.		4			0.0
12.7	12.7': Refusal. BEDROCK. BOH=12.7' bgs.	579.3				

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-9
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	16.2 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	588.0				
0.0	2.7' recovery		1			0.0
	0.0'-1.1': Brown silty clay with rock and rootlets in the upper 0.2' of sample. Dry. FILL.	588.0				
	1.1'-2.1': Multi-colored, layered ash with rock, metal and coke. Dry. FILL.	586.9				
	2.1'-4.0': Light to dark brown foundry sand, rust colored at bottom of sample. Trace of rock and metal. Dry. FILL.	585.9				
4.0	1.7' recovery		2			0.0
	4.0'-4.6': Sample same as above. Dry. FILL.					
	4.6'-4.9': White and gray ash with glass. Dry. FILL.	583.4				
	4.9'-5.2': Orange to brown silty clay with rock. Dry. FILL.	583.1				
	5.2'-8.0': Multi-colored, layered ash with coal and rock. Dry. FILL.	582.8				
8.0	2.0' recovery with 0.9' of fall-in		3			1.8
	8.0'-8.4': Sample same as above. Dry. FILL.					
	8.4'-9.0': Brown silty clay with rock. Moist. FILL.	579.6				
	9.0'-12.0': Rust colored ash with rock. Moist. FILL.	579.0				
12.0	2.8' recovery with 0.4' of fall-in		4			0.0
	12.0'-16.0': Multi-colored, layered ash with rock, coal, concrete and metal. Dry. FILL.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road
Site Number:	932112
Location:	Lockport, New York
Logged By:	Glenn M. May
Total Depth:	16.2 feet

Hole Designation:	SB-9 cont.
Date Completed:	09/26/07
Drilling Company:	SJB Services, Inc.
Drilling Method:	Direct Push
Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	588.0				
16.0	0.2' recovery		5			NM
	16.0'-16.2': Dolostone rock fragments. NATIVE?	572.0				
	16.2': Refusal. BEDROCK?	571.8				
16.2	BOH=16.2' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size  Water Found  Static Level 

Static Level ▼

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-10
Site Number:	932112	Date Completed:	09/26/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	18.8 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	593.0				
0.0	2.4' recovery 0.0'-0.4': Brown silty clay with rock and rootlets. Moist. FILL. 0.4'-4.0': Multi-colored, foundry sand with slag and rock. Dry. FILL.	593.0 592.6	1			1.3
4.0	2.2' recovery 4.0'-8.0': Multi-colored, layered ash with coal, slag and a trace of glass. Moist. FILL.	589.0	2			0.0
8.0	1.7' recovery 8.0'-12.0': Sample same as above. Moist. FILL.		3			0.0
12.0	2.2' recovery 12.0'-13.9': Brown ash with glass, slag, brick, rock and coal. Moist. FILL. 13.9'-16.0': Fine-grained, brown foundry sand with a trace of rock. Moist. FILL.	579.1	4			0.0
16.0	1.1' recovery 16.0'-18.8': Brown and white ash with coal. Very moist. FILL. 18.8': Refusal.	577.0	5			0.0
18.8	BOH=18.8' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-11
Site Number:	932112	Date Completed:	09/27/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	36.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	578.0				
0.0	2.9' recovery 0.0'-2.2': Brown silty clay with rock. Upper 0.15' is darker brown and contains rootlets. Dry. FILL. 2.2'-4.0': Brown ash with coal and rock. Tar in shoe of sampler. Dry. FILL.	578.0 575.8	1			0.0
4.0	1.5' recovery with 0.8' of fall-in 4.0'-8.0': Black ash with rock and a trace of a white crystalline material. Moist. FILL.		2			NM
8.0	1.8' recovery with 0.6' of fall-in 8.0'-12.0': Multi-colored, layered ash with brick, ceramic, glass and rock. Moist. FILL.		3			0.0
12.0	1.5' recovery 12.0'-16.0': Sample same as above with coal. Glass content increases near bottom of sample. A concrete fragment was in the shoe of the sampler. Moist. FILL.		4			0.0
16.0	2.7' recovery 16.0'-20.0': Sample same as above with slag, ceramic, rock, glass and coke. Moist. FILL.		5			0.0
20.0	3.3' recovery 16.0'-20.0': Sample same as above with brick, rock, glass and coal. Moist. FILL.		6			0.0

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-11 cont.
Site Number:	932112	Date Completed:	09/27/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	36.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	578.0				
24.0	2.2' recovery		7			0.0
	24.0'-28.0': Brown to black ash with rock, slag, brick, coke and coal. Moist. FILL.					
28.0	2.2' recovery		8			0.0
	28.0'-32.0': Multi-colored, layered ash with glass, coal, slag and brick. A 0.1' layer of brown foundry sand near bottom of sample. Moist. FILL.					
32.0	2.5' recovery		9			0.0
	32.0'-36.0': Sample same as above. Moist. FILL.					
36.0	BOH=36.0' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-12
Site Number:	932112	Date Completed:	09/27/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	29.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	578.0				
0.0	2.7' recovery		1			0.0
	0.0'-4.0': Brown silty clay with brick and rock. Dry. FILL.	578.0				
4.0	1.8' recovery		2			0.0
	4.0'-5.1': Sample same as above. Dry. FILL.					
	5.1'-8.0': Brown ash with brick and brown silty clay. Tar in shoe of sampler. Moist. FILL.	572.9				
8.0	1.7' recovery		3			0.0
	8.0'-8.9': Sample same as above, layered. Moist. FILL.					
	8.9'-12.0': Dark brown ash with glass and rock. Moist. FILL.					
12.0	2.4' recovery with 0.9' of fall-in		4			0.0
	12.0'-16.0': Multi-colored, layered ash with brick, glass and slag. Moist. FILL.					
16.0	2.8' recovery		5			0.0
	16.0'-20.0': Sample same as above with coal, glass, brick and coke. One 0.4' layer of a white, crystalline material near bottom of sample. Moist. FILL.					
20.0	1.4' recovery		6			NM
	20.0'-24.0': Brown ash with brick, glass and a trace of hardened rubber. White ash in shoe of sampler with glass and coal. Moist. FILL.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-12 cont.
Site Number:	932112	Date Completed:	09/27/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	29.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	578.0				
24.0	2.7' recovery		7			0.0
	24.0'-28.0': Multi-colored, layered ash, silty clay and brick. The ash contains coal, rock and glass. Moist. FILL.					
28.0	2.4' recovery with 1.4' of fall-in		8			0.0
	28.0'-29.0': Brown ash with metal, coal and glass. Moist. FILL.					
	29.0': Refusal.					
29.0	BOH=29.0' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-13
Site Number:	932112	Date Completed:	09/28/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	22.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	575.0				
0.0	2.9' recovery 0.0'-0.1': Dark brown silty clay with rootlets. Moist. FILL. 0.1'-0.5': Slag. FILL. 0.5'-4.0': Whitish gray ash with coal, rock and glass. Some rust colored ash near bottom of sample. Dry. FILL.	575.0 574.9 574.5	1			0.0
4.0	1.5' recovery 4.0'-8.0': Sample same as above with metal and slag, and a thin layer of black ash. One piece of firebrick in shoe of sampler. Dry to moist. FILL.		2			0.0
8.0	1.8' recovery 8.0'-12.0': Multi-colored, layered ash with concrete, brick, glass and coal. Dry. FILL.		3			NM
12.0	2.4' recovery 12.0'-16.0': Sample same as above with a white crystalline material in shoe of sampler. Moist. FILL.		4			0.0
16.0	2.2' recovery 16.0'-20.0': Gray to brown, layered ash with concrete, glass, coal and a trace of metal. Moist. FILL.		5			NM
20.0	3.3' recovery with 1.3' of fall-in 20.0'-21.3': Multi-colored, layered ash and foundry sand with glass, coal, rock and a trace of a white crystalline		6			0.0

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-13 cont.
Site Number:	932112	Date Completed:	09/28/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	22.0 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	575.0				
22.0	material. Moist. FILL.					
	21.3'-22.0': Brown clayey silt with dolostone rock fragments. Saturated. NATIVE.	553.7				
	22.0': Refusal. BEDROCK	553.0				
	BOH=22.0' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-14
Site Number:	932112	Date Completed:	09/28/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Direct Push
Total Depth:	12.7 feet	Sampling Method:	Macro Core

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	582.0				
0.0	1.3' recovery 0.0'-4.0': White and gray, layered ash with glass and coal. Powdery. Dry. FILL.	582.0	1			0.0
4.0	1.3' recovery 4.0'-8.0': Whitish gray ash with glass, ceramic and a trace of coal. Powdery. Dry. FILL.		2			0.0
8.0	1.4' recovery 8.0'-12.0': Sample same as above with glass. Ash still powdery but more granular. Solidified ash in shoe of sampler. Dry. FILL.		3			0.0
12.0	1.3' recovery with 0.6' of fall-in 12.0'-12.7': Brown clayey silt with dolostone rock fragments. Saturated. NATIVE.	570.0	4			0.0
	12.7': Refusal. BEDROCK	569.3				
12.7	BOH=12.7' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-15
Site Number:	932112	Date Completed:	10/05/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Drop Hammer
Total Depth:	1.6 feet	Sampling Method:	Split Spoon

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	598.0				
0.0	1.5' recovery		1	6		NM
	0.0'-0.9': Brown clayey silt with rock and rootlets in the upper 0.3' of sample. Trace of coal and brick. Moist. FILL.	598.0		18		
	0.9'-1.3': Sample same as above with rock, slag, ash and coal. Moist. FILL.			48	66	
	1.3'-1.6': Black ash with a large percentage of coal. Moist. FILL.	597.1		50/1		
	1.6': Refusal.					
1.6	BOH=1.6' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found 

Static Level 

NYSDEC - Region 9 - Division of Environmental Remediation

Stratigraphic Log (Overburden)

Project Name:	Old Upper Mountain Road	Hole Designation:	SB-16
Site Number:	932112	Date Completed:	10/05/07
Location:	Lockport, New York	Drilling Company:	SJB Services, Inc.
Logged By:	Glenn M. May	Drilling Method:	Drop Hammer
Total Depth:	8.0 feet	Sampling Method:	Split Spoon

Depth (ft bgs)	Stratigraphic Description & Remarks	Elevation (ft amsl)	Sample			
			N U M B E R	C O U N T	N V A L U E	H N U
	Ground Surface	595.0				
0.0	0.6' recovery 0.0'-0.6': Brown, peat-like material with coal, rock and brick. Dry. FILL. 0.6'-2.0': No recovery. Probably ash based upon an observation of pits in the general vicinity. FILL.	595.0 594.4	1	12 13 10 16	23	NM
2.0	0.0' recovery 2.0'-4.0': No recovery. Probably ash based upon an observation of pits in the general vicinity. FILL.		2	7 11 9 6	20	NM
4.0	0.6' recovery with 0.3' of fall-in 4.0'-6.0': Multi-colored, layered ash with plastic, rock and brick. Dry. FILL.		3	4 3 7 11	10	NM
6.0	2.0' recovery 6.0'-6.6': Sample same as above with brick, glass, rock and a trace of wood. Dry. FILL. 6.6'-8.0': Brown clayey silt with a trace of mottling and rootlets. Dry. NATIVE.	588.4	4	11 21 21 18	42	NM
8.0	BOH=8.0' bgs.					

Notes: Measuring Point Elevations May Change: Refer to Current Elevation Table

Grain Size 

Water Found ☒

Static Level ☒

APPENDIX B

**SOIL BORING COMPLETION
SUMMARY**

Table B-1. Summary of Borings Completed at the Old Upper Mountain Road Site.				
Soil Boring/ Well Number	Date Completed	Total Boring Depth	NAD 83 Coordinates	
			Latitude	Longitude
SB-1	09/25/07	20.0	43° 9.911 N	78° 43.481 W
SB-2	09/25/07	36.0	43° 9.918 N	78° 43.465 W
SB-3	09/26/07	16.4	43° 9.929 N	78° 43.448 W
SB-4	09/26/07	14.5	43° 9.946 N	78° 43.436 W
SB-5	09/26/07	14.5	43° 9.971 N	78° 43.410 W
SB-6	09/25/07	13.6	43° 9.981 N	78° 43.420 W
SB-7	09/26/07	5.6	43° 9.982 N	78° 43.434 W
SB-8	09/26/07	12.7	43° 9.967 N	78° 43.428 W
SB-9	09/26/07	16.2	43° 9.959 N	78° 43.451 W
SB-10	09/26/07	18.8	43° 9.934 N	78° 43.474 W
SB-11	09/27/07	36.0	43° 9.949 N	78° 43.475 W
SB-12	09/27/07	29.0	43° 9.955 N	78° 43.499 W
SB-13	09/28/07	22.0	43° 9.937 N	78° 43.502 W
SB-14	09/28/07	12.7	43° 9.942 N	78° 43.523 W
SB-15	10/05/07	1.6	43° 9.929 N	78° 43.408 W
SB-16	10/05/07	8.0	43° 9.938 N	78° 43.395 W

APPENDIX C

ANALYTICAL DATA

SURFACE SOIL

Date: 06/22/2007

Time: 15:01:26

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 1

Rept: AN1178

Sample ID: SS-1

Lab Sample ID: A7640201

Date Collected: 06/07/2007

Time Collected: 13:35

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,4,5-Trichlorophenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,4,6-Trichlorophenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,4-Dichlorophenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,4-Dimethylphenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,4-Dinitrophenol	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
2,4-Dinitrotoluene	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2,6-Dinitrotoluene	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2-Chloronaphthalene	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2-Chlorophenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2-Methylnaphthalene	160	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
2-Methylphenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
2-Nitroaniline	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
2-Nitrophenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
3,3'-Dichlorobenzidine	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
3-Nitroaniline	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
4,6-Dinitro-2-methylphenol	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
4-Bromophenyl phenyl ether	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
4-Chloro-3-methylphenol	3800		1900	UG/KG	8270	06/13/2007 17:14		MRF
4-Chloroaniline	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
4-Chlorophenyl phenyl ether	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
4-Methylphenol	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
4-Nitroaniline	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
4-Nitrophenol	ND		3700	UG/KG	8270	06/13/2007 17:14		MRF
Acenaphthene	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Acenaphthylene	240	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Acetophenone	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Anthracene	220	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Atrazine	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzaldehyde	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzo(a)anthracene	640	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzo(a)pyrene	1100	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzo(b)fluoranthene	920	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzo(ghi)perylene	400	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Benzo(k)fluoranthene	470	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Biphenyl	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Bis(2-chloroethoxy) methane	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Bis(2-chloroethyl) ether	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Bis(2-ethylhexyl) phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Butyl benzyl phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Caprolactam	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Carbazole	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Chrysene	470	J	1900	UG/KG	8270	06/13/2007 17:14		MRF
Di-n-butyl phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Di-n-octyl phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Dibenzo(a,h)anthracene	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Dibenzofuran	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Diethyl phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF
Dimethyl phthalate	ND		1900	UG/KG	8270	06/13/2007 17:14		MRF

STL Buffalo

Date: 06/22/2007

Time: 15:01:26

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 2

Rept: AN1178

Sample ID: SS-1

Lab Sample ID: A7640201

Date Collected: 06/07/2007

Time Collected: 13:35

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
Fluoranthene	1400	J	1900	UG/KG	8270	06/13/2007 17:14	MRF	
Fluorene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Hexachlorobenzene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Hexachlorobutadiene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Hexachlorocyclopentadiene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Hexachloroethane	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Indeno(1,2,3-cd)pyrene	300	J	1900	UG/KG	8270	06/13/2007 17:14	MRF	
Isophorone	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
N-Nitroso-Di-n-propylamine	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
N-nitrosodiphenylamine	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Naphthalene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Nitrobenzene	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Pentachlorophenol	ND		3700	UG/KG	8270	06/13/2007 17:14	MRF	
Phenanthrene	720	J	1900	UG/KG	8270	06/13/2007 17:14	MRF	
Phenol	ND		1900	UG/KG	8270	06/13/2007 17:14	MRF	
Pyrene	660	J	1900	UG/KG	8270	06/13/2007 17:14	MRF	
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)								
4,4'-DDD	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
4,4'-DDE	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
4,4'-DDT	120	B	94	UG/KG	8081	06/20/2007 13:41	TCH	
Aldrin	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
alpha-BHC	34	J	94	UG/KG	8081	06/20/2007 13:41	TCH	
alpha-Chlordane	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
beta-BHC	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
delta-BHC	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Dieldrin	32	J	94	UG/KG	8081	06/20/2007 13:41	TCH	
Endosulfan I	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Endosulfan II	49	J	94	UG/KG	8081	06/20/2007 13:41	TCH	
Endosulfan Sulfate	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Endrin	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Endrin aldehyde	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Endrin ketone	34	J	94	UG/KG	8081	06/20/2007 13:41	TCH	
gamma-BHC (Lindane)	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
gamma-Chlordane	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Heptachlor	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Heptachlor epoxide	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Methoxychlor	ND		94	UG/KG	8081	06/20/2007 13:41	TCH	
Toxaphene	ND		1800	UG/KG	8081	06/20/2007 13:41	TCH	
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS								
Aroclor 1016	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1221	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1232	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1242	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1248	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1254	ND		19	UG/KG	8082	06/18/2007 16:09	AJ	
Aroclor 1260	270		19	UG/KG	8082	06/18/2007 16:09	AJ	

Date: 06/22/2007
Time: 15:01:26

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SS-1
Lab Sample ID: A7640201
Date Collected: 06/07/2007
Time Collected: 13:35

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	8250		11.3	MG/KG	6010	06/15/2007 13:12	
Antimony - Total	ND		17.0	MG/KG	6010	06/15/2007 13:12	
Arsenic - Total	21.4		2.3	MG/KG	6010	06/15/2007 13:12	
Barium - Total	705		0.57	MG/KG	6010	06/15/2007 13:12	
Beryllium - Total	1.2		0.23	MG/KG	6010	06/15/2007 13:12	
Cadmium - Total	4.4		0.23	MG/KG	6010	06/15/2007 13:12	
Calcium - Total	8520		56.6	MG/KG	6010	06/15/2007 13:12	
Chromium - Total	56.2		0.57	MG/KG	6010	06/15/2007 13:12	
Cobalt - Total	13.6		0.57	MG/KG	6010	06/15/2007 13:12	
Copper - Total	277		1.1	MG/KG	6010	06/15/2007 13:12	
Iron - Total	40800		11.3	MG/KG	6010	06/15/2007 13:12	
Lead - Total	1310		1.1	MG/KG	6010	06/15/2007 13:12	
Magnesium - Total	2620		22.6	MG/KG	6010	06/15/2007 13:12	
Manganese - Total	177		0.23	MG/KG	6010	06/15/2007 13:12	
Mercury - Total	0.756		0.019	MG/KG	7471	06/12/2007 13:37	
Nickel - Total	134		0.57	MG/KG	6010	06/15/2007 13:12	
Potassium - Total	728		34.0	MG/KG	6010	06/15/2007 13:12	
Selenium - Total	ND		4.5	MG/KG	6010	06/15/2007 13:12	
Silver - Total	1.1		0.57	MG/KG	6010	06/15/2007 13:12	
Sodium - Total	ND		159	MG/KG	6010	06/15/2007 13:12	
Thallium - Total	ND		6.8	MG/KG	6010	06/15/2007 13:12	
Vanadium - Total	22.2		0.57	MG/KG	6010	06/15/2007 13:12	
Zinc - Total	688		11.3	MG/KG	6010	06/18/2007 15:42	

Date: 07/16/2007

Time: 09:48:09

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-1

Lab Sample ID: A7734901

Date Collected: 06/07/2007

Time Collected: 13:35

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time	Analyst
						Analyzed	
TCLP Metals Analysis							
Lead - Total	809		5.0	UG/L	6010	07/09/2007 23:35	

Sample ID: SS-2
Lab Sample ID: A7640202
Date Collected: 06/07/2007
Time Collected: 13:50

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,4,5-Trichlorophenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,4,6-Trichlorophenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,4-Dichlorophenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,4-Dimethylphenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,4-Dinitrophenol	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
2,4-Dinitrotoluene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2,6-Dinitrotoluene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2-Chloronaphthalene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2-Chlorophenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2-Methylnaphthalene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2-Methylphenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
2-Nitroaniline	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
2-Nitrophenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
3,3'-Dichlorobenzidine	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
3-Nitroaniline	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
4,6-Dinitro-2-methylphenol	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
4-Bromophenyl phenyl ether	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
4-Chloro-3-methylphenol	1100	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
4-Chloroaniline	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
4-Chlorophenyl phenyl ether	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
4-Methylphenol	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
4-Nitroaniline	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
4-Nitrophenol	ND		21000	UG/KG	8270	06/13/2007 17:39		MRF
Acenaphthene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Acenaphthylene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Acetophenone	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Anthracene	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Atrazine	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzaldehyde	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzo(a)anthracene	1000	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzo(a)pyrene	1100	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzo(b)fluoranthene	1800	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzo(ghi)perylene	1200	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Benzo(k)fluoranthene	610	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Biphenyl	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Bis(2-chloroethoxy) methane	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Bis(2-chloroethyl) ether	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Bis(2-ethylhexyl) phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Butyl benzyl phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Caprolactam	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Carbazole	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Chrysene	1200	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Di-n-butyl phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Di-n-octyl phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Dibenzo(a,h)anthracene	480	J	11000	UG/KG	8270	06/13/2007 17:39		MRF
Dibenzofuran	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Diethyl phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF
Dimethyl phthalate	ND		11000	UG/KG	8270	06/13/2007 17:39		MRF

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SS-2

Date Received: 06/08/2007

Lab Sample ID: A7640202

Project No: NY5A946109

Date Collected: 06/07/2007

Client No: L10190

Time Collected: 13:50

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	1100	J	11000		UG/KG	8270	06/13/2007 17:39		MRF
Fluorene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Hexachlorobenzene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Hexachlorobutadiene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Hexachlorocyclopentadiene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Hexachloroethane	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Indeno(1,2,3-cd)pyrene	1100	J	11000		UG/KG	8270	06/13/2007 17:39		MRF
Isophorone	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
N-Nitroso-Di-n-propylamine	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
N-nitrosodiphenylamine	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Naphthalene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Nitrobenzene	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Pentachlorophenol	ND		21000		UG/KG	8270	06/13/2007 17:39		MRF
Phenanthrene	580	J	11000		UG/KG	8270	06/13/2007 17:39		MRF
Phenol	ND		11000		UG/KG	8270	06/13/2007 17:39		MRF
Pyrene	1100	J	11000		UG/KG	8270	06/13/2007 17:39		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM									
4,4'-DDD	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
4,4'-DDE	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
4,4'-DDT	160	B	110		UG/KG	8081	06/20/2007 14:17		TCH
Aldrin	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
alpha-BHC	38	J	110		UG/KG	8081	06/20/2007 14:17		TCH
alpha-Chlordane	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
beta-BHC	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
delta-BHC	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Dieldrin	40	J	110		UG/KG	8081	06/20/2007 14:17		TCH
Endosulfan I	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Endosulfan II	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Endosulfan Sulfate	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Endrin	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Endrin aldehyde	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Endrin ketone	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
gamma-BHC (Lindane)	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
gamma-Chlordane	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Heptachlor	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Heptachlor epoxide	ND		110		UG/KG	8081	06/20/2007 14:17		TCH
Methoxychlor	120		110		UG/KG	8081	06/20/2007 14:17		TCH
Toxaphene	ND		2100		UG/KG	8081	06/20/2007 14:17		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1221	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1232	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1242	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1248	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1254	ND		21		UG/KG	8082	06/18/2007 16:23		AJ
Aroclor 1260	ND		21		UG/KG	8082	06/18/2007 16:23		AJ

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-2

Lab Sample ID: A7640202

Date Collected: 06/07/2007

Time Collected: 13:50

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	12200		12.2	MG/KG	6010	06/15/2007	13:18	
Antimony - Total	135		18.3	MG/KG	6010	06/15/2007	13:18	
Arsenic - Total	16.0		2.4	MG/KG	6010	06/15/2007	13:18	
Barium - Total	1570		0.61	MG/KG	6010	06/15/2007	13:18	
Beryllium - Total	1.3		0.24	MG/KG	6010	06/15/2007	13:18	
Cadmium - Total	55.4		0.24	MG/KG	6010	06/15/2007	13:18	
Calcium - Total	12800		60.9	MG/KG	6010	06/15/2007	13:18	
Chromium - Total	297		0.61	MG/KG	6010	06/15/2007	13:18	
Cobalt - Total	27.4		0.61	MG/KG	6010	06/15/2007	13:18	
Copper - Total	22300		60.9	MG/KG	6010	06/18/2007	15:47	
Iron - Total	61500		12.2	MG/KG	6010	06/15/2007	13:18	
Lead - Total	24300		60.9	MG/KG	6010	06/18/2007	15:47	
Magnesium - Total	8390		24.4	MG/KG	6010	06/15/2007	13:18	
Manganese - Total	573		0.24	MG/KG	6010	06/15/2007	13:18	
Mercury - Total	1.9		0.221	MG/KG	7471	06/12/2007	14:16	
Nickel - Total	1070		0.61	MG/KG	6010	06/15/2007	13:18	
Potassium - Total	1070		36.6	MG/KG	6010	06/15/2007	13:18	
Selenium - Total	ND		4.9	MG/KG	6010	06/15/2007	13:18	
Silver - Total	114		0.61	MG/KG	6010	06/15/2007	13:18	
Sodium - Total	785		171	MG/KG	6010	06/15/2007	13:18	
Thallium - Total	ND		7.3	MG/KG	6010	06/15/2007	13:18	
Vanadium - Total	25.6		0.61	MG/KG	6010	06/15/2007	13:18	
Zinc - Total	13400		122	MG/KG	6010	06/18/2007	15:47	

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Time: 09:48:09

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-2

Lab Sample ID: A7734902

Date Collected: 06/07/2007

Time Collected: 13:50

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TCLP Metals Analysis							
Cadmium - Total	597		1.0	UG/L	6010	07/09/2007 23:40	
Chromium - Total	13.5		4.0	UG/L	6010	07/09/2007 23:40	
Lead - Total	272000		50.0	UG/L	6010	07/10/2007 14:28	

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SS-3

Date Received: 06/08/2007

Lab Sample ID: A7640203

Project No: NY5A946109

Date Collected: 06/07/2007

Client No: L10190

Time Collected: 14:05

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	5350		12.1	MG/KG	6010	06/15/2007 13:23	
Antimony - Total	ND		18.1	MG/KG	6010	06/15/2007 13:23	
Arsenic - Total	3.7		2.4	MG/KG	6010	06/15/2007 13:23	
Barium - Total	65.1		0.60	MG/KG	6010	06/15/2007 13:23	
Beryllium - Total	0.30		0.24	MG/KG	6010	06/15/2007 13:23	
Cadmium - Total	1.6		0.24	MG/KG	6010	06/15/2007 13:23	
Calcium - Total	49600		60.3	MG/KG	6010	06/15/2007 13:23	
Chromium - Total	12.8		0.60	MG/KG	6010	06/15/2007 13:23	
Cobalt - Total	5.4		0.60	MG/KG	6010	06/15/2007 13:23	
Copper - Total	160		1.2	MG/KG	6010	06/15/2007 13:23	
Iron - Total	12600		12.1	MG/KG	6010	06/15/2007 13:23	
Lead - Total	216		1.2	MG/KG	6010	06/15/2007 13:23	
Magnesium - Total	16400		24.1	MG/KG	6010	06/15/2007 13:23	
Manganese - Total	534		0.24	MG/KG	6010	06/15/2007 13:23	
Mercury - Total	0.042		0.021	MG/KG	7471	06/12/2007 13:40	
Nickel - Total	26.1		0.60	MG/KG	6010	06/15/2007 13:23	
Potassium - Total	1190		36.2	MG/KG	6010	06/15/2007 13:23	
Selenium - Total	ND		4.8	MG/KG	6010	06/15/2007 13:23	
Silver - Total	1.00		0.60	MG/KG	6010	06/15/2007 13:23	
Sodium - Total	ND		169	MG/KG	6010	06/15/2007 13:23	
Thallium - Total	ND		7.2	MG/KG	6010	06/15/2007 13:23	
Vanadium - Total	13.1		0.60	MG/KG	6010	06/15/2007 13:23	
Zinc - Total	507		2.4	MG/KG	6010	06/15/2007 13:23	

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SS-4

Date Received: 06/08/2007

Lab Sample ID: A7640204

Project No: NY5A946109

Date Collected: 06/07/2007

Client No: L10190

Time Collected: 14:10

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,4,5-Trichlorophenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,4,6-Trichlorophenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,4-Dichlorophenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,4-Dimethylphenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,4-Dinitrophenol	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
2,4-Dinitrotoluene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2,6-Dinitrotoluene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2-Chloronaphthalene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2-Chlorophenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2-Methylnaphthalene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2-Methylphenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
2-Nitroaniline	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
2-Nitrophenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
3,3'-Dichlorobenzidine	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
3-Nitroaniline	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
4,6-Dinitro-2-methylphenol	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
4-Bromophenyl phenyl ether	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
4-Chloro-3-methylphenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
4-Chloroaniline	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
4-Chlorophenyl phenyl ether	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
4-Methylphenol	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
4-Nitroaniline	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
4-Nitrophenol	ND		530	UG/KG	8270	06/13/2007	18:03	MRF
Acenaphthene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Acenaphthylene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Acetophenone	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Anthracene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Atrazine	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Benzaldehyde	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Benzo(a)anthracene	20	J	270	UG/KG	8270	06/13/2007	18:03	MRF
Benzo(a)pyrene	22	J	270	UG/KG	8270	06/13/2007	18:03	MRF
Benzo(b)fluoranthene	48	J	270	UG/KG	8270	06/13/2007	18:03	MRF
Benzo(ghi)perylene	20	J	270	UG/KG	8270	06/13/2007	18:03	MRF
Benzo(k)fluoranthene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Biphenyl	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Bis(2-chloroethoxy) methane	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Bis(2-chloroethyl) ether	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Bis(2-ethylhexyl) phthalate	110	BJ	270	UG/KG	8270	06/13/2007	18:03	MRF
Butyl benzyl phthalate	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Caprolactam	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Carbazole	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Chrysene	16	J	270	UG/KG	8270	06/13/2007	18:03	MRF
Di-n-butyl phthalate	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Di-n-octyl phthalate	19	BJ	270	UG/KG	8270	06/13/2007	18:03	MRF
Dibenzo(a,h)anthracene	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Dibenzofuran	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Diethyl phthalate	ND		270	UG/KG	8270	06/13/2007	18:03	MRF
Dimethyl phthalate	ND		270	UG/KG	8270	06/13/2007	18:03	MRF

STL Buffalo

Date: 06/22/2007

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-4

Lab Sample ID: A7640204

Date Collected: 06/07/2007

Time Collected: 14:10

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
Fluoranthene	21	J	270	UG/KG	8270	06/13/2007 18:03		MRF
Fluorene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Hexachlorobenzene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Hexachlorobutadiene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Hexachlorocyclopentadiene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Hexachloroethane	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Indeno(1,2,3-cd)pyrene	16	J	270	UG/KG	8270	06/13/2007 18:03		MRF
Isophorone	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
N-Nitroso-Di-n-propylamine	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
N-nitrosodiphenylamine	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Naphthalene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Nitrobenzene	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Pentachlorophenol	ND		530	UG/KG	8270	06/13/2007 18:03		MRF
Phenanthrene	15	J	270	UG/KG	8270	06/13/2007 18:03		MRF
Phenol	ND		270	UG/KG	8270	06/13/2007 18:03		MRF
Pyrene	14	J	270	UG/KG	8270	06/13/2007 18:03		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)								
4,4'-DDD	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
4,4'-DDE	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
4,4'-DDT	2.1	BJ	2.7	UG/KG	8081	06/18/2007 13:17		TCH
Aldrin	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
alpha-BHC	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
alpha-Chlordane	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
beta-BHC	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
delta-BHC	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Dieldrin	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endosulfan I	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endosulfan II	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endosulfan Sulfate	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endrin	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endrin aldehyde	1.2	J	2.7	UG/KG	8081	06/18/2007 13:17		TCH
Endrin ketone	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
gamma-BHC (Lindane)	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
gamma-Chlordane	0.90	BJ	2.7	UG/KG	8081	06/18/2007 13:17		TCH
Heptachlor	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Heptachlor epoxide	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Methoxychlor	ND		2.7	UG/KG	8081	06/18/2007 13:17		TCH
Toxaphene	ND		53	UG/KG	8081	06/18/2007 13:17		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBs								
Aroclor 1016	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1221	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1232	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1242	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1248	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1254	ND		27	UG/KG	8082	06/18/2007 16:37		AJ
Aroclor 1260	ND		27	UG/KG	8082	06/18/2007 16:37		AJ

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SS-4

Date Received: 06/08/2007

Lab Sample ID: A7640204

Project No: NY5A946109

Date Collected: 06/07/2007

Client No: L10190

Time Collected: 14:10

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
Metals Analysis							
Aluminum - Total	16400		15.5	MG/KG	6010	06/15/2007 13:28	
Antimony - Total	ND		23.3	MG/KG	6010	06/15/2007 13:28	
Arsenic - Total	37.3		3.1	MG/KG	6010	06/15/2007 13:28	
Barium - Total	230		0.78	MG/KG	6010	06/15/2007 13:28	
Beryllium - Total	0.67		0.31	MG/KG	6010	06/15/2007 13:28	
Cadmium - Total	0.53		0.31	MG/KG	6010	06/15/2007 13:28	
Calcium - Total	50900		77.7	MG/KG	6010	06/15/2007 13:28	
Chromium - Total	37.7		0.78	MG/KG	6010	06/15/2007 13:28	
Cobalt - Total	6.9		0.78	MG/KG	6010	06/15/2007 13:28	
Copper - Total	85.7		1.6	MG/KG	6010	06/15/2007 13:28	
Iron - Total	24100		15.5	MG/KG	6010	06/15/2007 13:28	
Lead - Total	186		1.6	MG/KG	6010	06/15/2007 13:28	
Magnesium - Total	14100		31.1	MG/KG	6010	06/15/2007 13:28	
Manganese - Total	809		0.31	MG/KG	6010	06/15/2007 13:28	
Mercury - Total	ND		0.027	MG/KG	7471	06/12/2007 13:42	
Nickel - Total	25.0		0.78	MG/KG	6010	06/15/2007 13:28	
Potassium - Total	3750		46.6	MG/KG	6010	06/15/2007 13:28	
Selenium - Total	ND		6.2	MG/KG	6010	06/15/2007 13:28	
Silver - Total	ND		0.78	MG/KG	6010	06/15/2007 13:28	
Sodium - Total	557		217	MG/KG	6010	06/15/2007 13:28	
Thallium - Total	ND		9.3	MG/KG	6010	06/15/2007 13:28	
Vanadium - Total	31.4		0.78	MG/KG	6010	06/15/2007 13:28	
Zinc - Total	599		3.1	MG/KG	6010	06/15/2007 13:28	

Sample ID: SS-5
Lab Sample ID: A7640205
Date Collected: 06/07/2007
Time Collected: 14:30

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,4,5-Trichlorophenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,4,6-Trichlorophenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,4-Dichlorophenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,4-Dimethylphenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,4-Dinitrophenol	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
2,4-Dinitrotoluene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2,6-Dinitrotoluene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2-Chloronaphthalene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2-Chlorophenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2-Methylnaphthalene	40	J	210	UG/KG	8270	06/13/2007 18:28		MRF
2-Methylphenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
2-Nitroaniline	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
2-Nitrophenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
3,3'-Dichlorobenzidine	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
3-Nitroaniline	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
4,6-Dinitro-2-methylphenol	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
4-Bromophenyl phenyl ether	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
4-Chloro-3-methylphenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
4-Chloroaniline	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
4-Chlorophenyl phenyl ether	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
4-Methylphenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
4-Nitroaniline	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
4-Nitrophenol	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
Acenaphthene	11	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Acenaphthylene	110	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Acetophenone	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Anthracene	160	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Atrazine	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzaldehyde	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzo(a)anthracene	550		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzo(a)pyrene	460		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzo(b)fluoranthene	690		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzo(ghi)perylene	270		210	UG/KG	8270	06/13/2007 18:28		MRF
Benzo(k)fluoranthene	210		210	UG/KG	8270	06/13/2007 18:28		MRF
Biphenyl	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Bis(2-chloroethoxy) methane	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Bis(2-chloroethyl) ether	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Bis(2-ethylhexyl) phthalate	76	BJ	210	UG/KG	8270	06/13/2007 18:28		MRF
Butyl benzyl phthalate	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Caprolactam	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Carbazole	73	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Chrysene	500		210	UG/KG	8270	06/13/2007 18:28		MRF
Di-n-butyl phthalate	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Di-n-octyl phthalate	17	BJ	210	UG/KG	8270	06/13/2007 18:28		MRF
Dibenzo(a,h)anthracene	83	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Dibenzofuran	27	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Diethyl phthalate	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Dimethyl phthalate	ND		210	UG/KG	8270	06/13/2007 18:28		MRF

Sample ID: SS-5

Date Received: 06/08/2007

Lab Sample ID: A7640205

Project No: NY5A946109

Date Collected: 06/07/2007

Client No: L10190

Time Collected: 14:30

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
Fluoranthene	940		210	UG/KG	8270	06/13/2007 18:28		MRF
Fluorene	11	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Hexachlorobenzene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Hexachlorobutadiene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Hexachlorocyclopentadiene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Hexachloroethane	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Indeno(1,2,3-cd)pyrene	250		210	UG/KG	8270	06/13/2007 18:28		MRF
Isophorone	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
N-Nitroso-Di-n-propylamine	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
N-nitrosodiphenylamine	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Naphthalene	29	J	210	UG/KG	8270	06/13/2007 18:28		MRF
Nitrobenzene	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Pentachlorophenol	ND		400	UG/KG	8270	06/13/2007 18:28		MRF
Phenanthrene	530		210	UG/KG	8270	06/13/2007 18:28		MRF
Phenol	ND		210	UG/KG	8270	06/13/2007 18:28		MRF
Pyrene	630		210	UG/KG	8270	06/13/2007 18:28		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM								
4,4'-DDD	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
4,4'-DDE	9.8		4.2	UG/KG	8081	06/18/2007 16:18		TCH
4,4'-DDT	25	B	4.2	UG/KG	8081	06/18/2007 16:18		TCH
Aldrin	2.2	J	4.2	UG/KG	8081	06/18/2007 16:18		TCH
alpha-BHC	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
alpha-Chlordane	2.8	J	4.2	UG/KG	8081	06/18/2007 16:18		TCH
beta-BHC	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
delta-BHC	1.1	J	4.2	UG/KG	8081	06/18/2007 16:18		TCH
Dieldrin	1.4	J	4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endosulfan I	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endosulfan II	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endosulfan Sulfate	3.9	J	4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endrin	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endrin aldehyde	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Endrin ketone	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
gamma-BHC (Lindane)	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
gamma-Chlordane	3.1	BJ	4.2	UG/KG	8081	06/18/2007 16:18		TCH
Heptachlor	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Heptachlor epoxide	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Methoxychlor	ND		4.2	UG/KG	8081	06/18/2007 16:18		TCH
Toxaphene	ND		82	UG/KG	8081	06/18/2007 16:18		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBs								
Aroclor 1016	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1221	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1232	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1242	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1248	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1254	ND		21	UG/KG	8082	06/18/2007 16:52		AJ
Aroclor 1260	ND		21	UG/KG	8082	06/18/2007 16:52		AJ

Date: 06/22/2007
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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-5
Lab Sample ID: A7640205
Date Collected: 06/07/2007
Time Collected: 14:30

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
Metals Analysis								
Aluminum - Total	5960		11.8	MG/KG	6010	06/15/2007	13:34	
Antimony - Total	ND		17.8	MG/KG	6010	06/15/2007	13:34	
Arsenic - Total	23.6		2.4	MG/KG	6010	06/15/2007	13:34	
Barium - Total	265		0.59	MG/KG	6010	06/15/2007	13:34	
Beryllium - Total	0.59		0.24	MG/KG	6010	06/15/2007	13:34	
Cadmium - Total	0.73		0.24	MG/KG	6010	06/15/2007	13:34	
Calcium - Total	7170		59.2	MG/KG	6010	06/15/2007	13:34	
Chromium - Total	43.1		0.59	MG/KG	6010	06/15/2007	13:34	
Cobalt - Total	10.8		0.59	MG/KG	6010	06/15/2007	13:34	
Copper - Total	224		1.2	MG/KG	6010	06/15/2007	13:34	
Iron - Total	80300		11.8	MG/KG	6010	06/15/2007	13:34	
Lead - Total	376		1.2	MG/KG	6010	06/15/2007	13:34	
Magnesium - Total	2130		23.7	MG/KG	6010	06/15/2007	13:34	
Manganese - Total	434		0.24	MG/KG	6010	06/15/2007	13:34	
Mercury - Total	0.108		0.022	MG/KG	7471	06/12/2007	13:43	
Nickel - Total	89.1		0.59	MG/KG	6010	06/15/2007	13:34	
Potassium - Total	686		35.5	MG/KG	6010	06/15/2007	13:34	
Selenium - Total	ND		4.7	MG/KG	6010	06/15/2007	13:34	
Silver - Total	0.94		0.59	MG/KG	6010	06/15/2007	13:34	
Sodium - Total	238		166	MG/KG	6010	06/15/2007	13:34	
Thallium - Total	ND		7.1	MG/KG	6010	06/15/2007	13:34	
Vanadium - Total	22.8		0.59	MG/KG	6010	06/15/2007	13:34	
Zinc - Total	381		2.4	MG/KG	6010	06/15/2007	13:34	

Sample ID: SS-6

Date Received: 06/08/2007

Lab Sample ID: A7640206

Project No: NY5A946109

Date Collected: 06/08/2007

Client No: L10190

Time Collected: 13:00

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,4,5-Trichlorophenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,4,6-Trichlorophenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,4-Dichlorophenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,4-Dimethylphenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,4-Dinitrophenol	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
2,4-Dinitrotoluene	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2,6-Dinitrotoluene	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2-Chloronaphthalene	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2-Chlorophenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2-Methylnaphthalene	87	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
2-Methylphenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
2-Nitroaniline	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
2-Nitrophenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
3,3'-Dichlorobenzidine	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
3-Nitroaniline	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
4,6-Dinitro-2-methylphenol	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
4-Bromophenyl phenyl ether	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
4-Chloro-3-methylphenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
4-Chloroaniline	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
4-Chlorophenyl phenyl ether	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
4-Methylphenol	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
4-Nitroaniline	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
4-Nitrophenol	ND		4200	UG/KG	8270	06/13/2007 18:53		MRF
Acenaphthene	110	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Acenaphthylene	350	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Acetophenone	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Anthracene	580	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Atrazine	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzaldehyde	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzo(a)anthracene	1900	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzo(a)pyrene	1700	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzo(b)fluoranthene	2600		2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzo(ghi)perylene	980	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Benzo(k)fluoranthene	940	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Biphenyl	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Bis(2-chloroethoxy) methane	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Bis(2-chloroethyl) ether	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Bis(2-ethylhexyl) phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Butyl benzyl phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Caprolactam	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Carbazole	330	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Chrysene	1800	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Di-n-butyl phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Di-n-octyl phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Dibenzo(a,h)anthracene	350	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Dibenzofuran	98	J	2200	UG/KG	8270	06/13/2007 18:53		MRF
Diethyl phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF
Dimethyl phthalate	ND		2200	UG/KG	8270	06/13/2007 18:53		MRF

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-6
Lab Sample ID: A7640206
Date Collected: 06/08/2007
Time Collected: 13:00

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	—Date/Time—		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	4000		2200		UG/KG	8270	06/13/2007 18:53		MRF
Fluorene	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Hexachlorobenzene	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Hexachlorobutadiene	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Hexachlorocyclopentadiene	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Hexachloroethane	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Indeno(1,2,3-cd)pyrene	930	J	2200		UG/KG	8270	06/13/2007 18:53		MRF
Isophorone	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
N-Nitroso-Di-n-propylamine	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
N-nitrosodiphenylamine	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Naphthalene	180	J	2200		UG/KG	8270	06/13/2007 18:53		MRF
Nitrobenzene	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Pentachlorophenol	ND		4200		UG/KG	8270	06/13/2007 18:53		MRF
Phenanthrene	2200		2200		UG/KG	8270	06/13/2007 18:53		MRF
Phenol	ND		2200		UG/KG	8270	06/13/2007 18:53		MRF
Pyrene	2600		2200		UG/KG	8270	06/13/2007 18:53		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)									
4,4'-DDD	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
4,4'-DDE	26		21		UG/KG	8081	06/18/2007 16:55		TCH
4,4'-DDT	57	B	21		UG/KG	8081	06/18/2007 16:55		TCH
Aldrin	6.4	J	21		UG/KG	8081	06/18/2007 16:55		TCH
alpha-BHC	8.9	J	21		UG/KG	8081	06/18/2007 16:55		TCH
alpha-Chlordane	11	J	21		UG/KG	8081	06/18/2007 16:55		TCH
beta-BHC	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
delta-BHC	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Dieldrin	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Endosulfan I	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Endosulfan II	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Endosulfan Sulfate	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Endrin	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Endrin aldehyde	23		21		UG/KG	8081	06/18/2007 16:55		TCH
Endrin ketone	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
gamma-BHC (Lindane)	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
gamma-Chlordane	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Heptachlor	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Heptachlor epoxide	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Methoxychlor	ND		21		UG/KG	8081	06/18/2007 16:55		TCH
Toxaphene	ND		420		UG/KG	8081	06/18/2007 16:55		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1221	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1232	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1242	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1248	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1254	ND		21		UG/KG	8082	06/18/2007 17:06		AJ
Aroclor 1260	ND		21		UG/KG	8082	06/18/2007 17:06		AJ

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SS-6
Lab Sample ID: A7640206
Date Collected: 06/08/2007
Time Collected: 13:00

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	6770		13.0		MG/KG	6010	06/15/2007 13:51	
Antimony - Total	269		19.5		MG/KG	6010	06/15/2007 13:51	
Arsenic - Total	20.3		2.6		MG/KG	6010	06/15/2007 13:51	
Barium - Total	449		0.65		MG/KG	6010	06/15/2007 13:51	
Beryllium - Total	0.55		0.26		MG/KG	6010	06/15/2007 13:51	
Cadmium - Total	5.1		0.26		MG/KG	6010	06/15/2007 13:51	
Calcium - Total	22200		65.0		MG/KG	6010	06/15/2007 13:51	
Chromium - Total	42.5		0.65		MG/KG	6010	06/15/2007 13:51	
Cobalt - Total	11.1		0.65		MG/KG	6010	06/15/2007 13:51	
Copper - Total	1230		1.3		MG/KG	6010	06/15/2007 13:51	
Iron - Total	30100		13.0		MG/KG	6010	06/15/2007 13:51	
Lead - Total	3280		1.3		MG/KG	6010	06/15/2007 13:51	
Magnesium - Total	5760		26.0		MG/KG	6010	06/15/2007 13:51	
Manganese - Total	533		0.26		MG/KG	6010	06/15/2007 13:51	
Mercury - Total	0.411		0.022		MG/KG	7471	06/12/2007 13:45	
Nickel - Total	84.3		0.65		MG/KG	6010	06/15/2007 13:51	
Potassium - Total	958		39.0		MG/KG	6010	06/15/2007 13:51	
Selenium - Total	ND		5.2		MG/KG	6010	06/15/2007 13:51	
Silver - Total	3.0		0.65		MG/KG	6010	06/15/2007 13:51	
Sodium - Total	197		182		MG/KG	6010	06/15/2007 13:51	
Thallium - Total	ND		7.8		MG/KG	6010	06/15/2007 13:51	
Vanadium - Total	34.1		0.65		MG/KG	6010	06/15/2007 13:51	
Zinc - Total	1630		26.0		MG/KG	6010	06/18/2007 15:52	

Date: 07/16/2007

Time: 09:48:09

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 4

Rept: AN1178

Sample ID: SS-6

Lab Sample ID: A7734903

Date Collected: 06/07/2007

Time Collected: 13:00

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TCLP Metals Analysis							
Lead - Total	948		5.0	UG/L	6010	07/09/2007 23:46	

Chain of
Custody Record

STL-4124 (0901)

Client

NYSDDEC

Project Manager

Glenn May

Date

6-8-07

Chain of Custody Number

324606

Address

270 Michigan Ave

Telephone Number (Area Code)/Fax Number

716-851-7220

City

Buffalo

State

NY

Zip Code

14203

Site Contact

G. May

Lab Contact

B. Fischer

Project Name and Location (State)

Old Upper Men Rd, 932112

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

8270

8081

8082

TAL metals

TCLP lead

Hold second 4oz bottle of each sample for possible TCLP analysis

Sample I.D. No. and Description (Containers for each sample may be combined on one line)

SS-1

6/7/07

1335

Matrix

Aqueous

Sed

Soil

Unpres

H2SO4

HNO3

HCl

NaOH

ZnAc

HORN

Containers & Preservatives

SS-2

"

1350

SS-3

"

1405

SS-4

"

1410

SS-5

"

1430

SS-6

6/8/07

1300

WS-1

"

1315

WS-2

"

1340

Possible Hazard Identification

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Return To Client

Sample Disposal

Disposal By Lab

Archive For

Months

QC Requirements (Specify)

1. Relinquished By

Glenn M May

6/8/07

1445

2. Relinquished By

3. Relinquished By

Comments

2.00e

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

WASTE

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 17
Rept: AN1178

Sample ID: WS-1
Lab Sample ID: A7640207
Date Collected: 06/08/2007
Time Collected: 13:15

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,4,5-Trichlorophenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,4,6-Trichlorophenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,4-Dichlorophenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,4-Dimethylphenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,4-Dinitrophenol	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
2,4-Dinitrotoluene	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2,6-Dinitrotoluene	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2-Chloronaphthalene	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2-Chlorophenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2-Methylnaphthalene	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2-Methylphenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
2-Nitroaniline	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
2-Nitrophenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
3,3'-Dichlorobenzidine	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
3-Nitroaniline	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
4,6-Dinitro-2-methylphenol	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
4-Bromophenyl phenyl ether	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
4-Chloro-3-methylphenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
4-Chloroaniline	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
4-Chlorophenyl phenyl ether	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
4-Methylphenol	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
4-Nitroaniline	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
4-Nitrophenol	ND		410	UG/KG	8270	06/13/2007 19:17		MRF
Acenaphthene	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Acenaphthylene	20	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Acetophenone	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Anthracene	26	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Atrazine	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Benzaldehyde	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Benzo(a)anthracene	110	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Benzo(a)pyrene	110	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Benzo(b)fluoranthene	190	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Benzo(ghi)perylene	160	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Benzo(k)fluoranthene	72	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Biphenyl	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Bis(2-chloroethoxy) methane	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Bis(2-chloroethyl) ether	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Bis(2-ethylhexyl) phthalate	170	BJ	210	UG/KG	8270	06/13/2007 19:17		MRF
Butyl benzyl phthalate	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Caprolactam	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Carbazole	14	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Chrysene	120	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Di-n-butyl phthalate	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Di-n-octyl phthalate	11	BJ	210	UG/KG	8270	06/13/2007 19:17		MRF
Dibenzo(a,h)anthracene	38	J	210	UG/KG	8270	06/13/2007 19:17		MRF
Dibenzofuran	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Diethyl phthalate	ND		210	UG/KG	8270	06/13/2007 19:17		MRF
Dimethyl phthalate	ND		210	UG/KG	8270	06/13/2007 19:17		MRF

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-1
Lab Sample ID: A7640207
Date Collected: 06/08/2007
Time Collected: 13:15

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	210		210		UG/KG	8270	06/13/2007 19:17		MRF
Fluorene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Hexachlorobenzene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Hexachlorobutadiene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Hexachlorocyclopentadiene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Hexachloroethane	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Indeno(1,2,3-cd)pyrene	110	J	210		UG/KG	8270	06/13/2007 19:17		MRF
Isophorone	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
N-Nitroso-Di-n-propylamine	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
N-nitrosodiphenylamine	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Naphthalene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Nitrobenzene	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Pentachlorophenol	ND		410		UG/KG	8270	06/13/2007 19:17		MRF
Phenanthrene	93	J	210		UG/KG	8270	06/13/2007 19:17		MRF
Phenol	ND		210		UG/KG	8270	06/13/2007 19:17		MRF
Pyrene	140	J	210		UG/KG	8270	06/13/2007 19:17		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM									
4,4'-DDD	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
4,4'-DDE	1.9	J	2.1		UG/KG	8081	06/18/2007 15:42		TCH
4,4'-DDT	3.3	B	2.1		UG/KG	8081	06/18/2007 15:42		TCH
Aldrin	0.85	J	2.1		UG/KG	8081	06/18/2007 15:42		TCH
alpha-BHC	0.76	J	2.1		UG/KG	8081	06/18/2007 15:42		TCH
alpha-Chlordane	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
beta-BHC	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
delta-BHC	0.68	J	2.1		UG/KG	8081	06/18/2007 15:42		TCH
Dieldrin	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endosulfan I	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endosulfan II	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endosulfan Sulfate	0.80	J	2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endrin	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endrin aldehyde	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Endrin ketone	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
gamma-BHC (Lindane)	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
gamma-Chlordane	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Heptachlor	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Heptachlor epoxide	ND		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Methoxychlor	9.4		2.1		UG/KG	8081	06/18/2007 15:42		TCH
Toxaphene	ND		42		UG/KG	8081	06/18/2007 15:42		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1221	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1232	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1242	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1248	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1254	ND		21		UG/KG	8082	06/18/2007 17:20		AJ
Aroclor 1260	ND		21		UG/KG	8082	06/18/2007 17:20		AJ

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-1
Lab Sample ID: A7640207
Date Collected: 06/08/2007
Time Collected: 13:15

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Aluminum - Total	5080		12.4	MG/KG	6010	06/15/2007	14:05	
Antimony - Total	ND		18.6	MG/KG	6010	06/15/2007	14:05	
Arsenic - Total	50.8		2.5	MG/KG	6010	06/15/2007	14:05	
Barium - Total	225		0.62	MG/KG	6010	06/15/2007	14:05	
Beryllium - Total	0.40		0.25	MG/KG	6010	06/15/2007	14:05	
Cadmium - Total	2.5		0.25	MG/KG	6010	06/15/2007	14:05	
Calcium - Total	37100		62.0	MG/KG	6010	06/15/2007	14:05	
Chromium - Total	12.5		0.62	MG/KG	6010	06/15/2007	14:05	
Cobalt - Total	5.7		0.62	MG/KG	6010	06/15/2007	14:05	
Copper - Total	42.1		1.2	MG/KG	6010	06/15/2007	14:05	
Iron - Total	16000		12.4	MG/KG	6010	06/15/2007	14:05	
Lead - Total	1700		1.2	MG/KG	6010	06/15/2007	14:05	
Magnesium - Total	2870		24.8	MG/KG	6010	06/15/2007	14:05	
Manganese - Total	389		0.25	MG/KG	6010	06/15/2007	14:05	
Mercury - Total	2.3		0.216	MG/KG	7471	06/12/2007	14:18	
Nickel - Total	16.5		0.62	MG/KG	6010	06/15/2007	14:05	
Potassium - Total	671		37.2	MG/KG	6010	06/15/2007	14:05	
Selenium - Total	30.2		5.0	MG/KG	6010	06/15/2007	14:05	
Silver - Total	ND		0.62	MG/KG	6010	06/15/2007	14:05	
Sodium - Total	219		174	MG/KG	6010	06/15/2007	14:05	
Thallium - Total	ND		7.4	MG/KG	6010	06/15/2007	14:05	
Vanadium - Total	25.3		0.62	MG/KG	6010	06/15/2007	14:05	
Zinc - Total	945		24.8	MG/KG	6010	06/18/2007	15:57	

Date: 07/16/2007

Time: 09:48:09

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-1

Lab Sample ID: A7734904

Date Collected: 06/07/2007

Time Collected: 13:15

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Detection Limit</u>	<u>Units</u>	<u>Method</u>	<u>Date/Time Analyzed</u>	<u>Analyst</u>
TCLP Metals Analysis							
Lead - Total	639		5.0	UG/L	6010	07/09/2007 23:51	

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-2
Lab Sample ID: A7640208
Date Collected: 06/08/2007
Time Collected: 13:40

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,4,5-Trichlorophenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,4,6-Trichlorophenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,4-Dichlorophenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,4-Dimethylphenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,4-Dinitrophenol	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
2,4-Dinitrotoluene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2,6-Dinitrotoluene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2-Chloronaphthalene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2-Chlorophenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2-Methylnaphthalene	270		220	UG/KG	8270	06/13/2007 19:42		MRF
2-Methylphenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
2-Nitroaniline	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
2-Nitrophenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
3,3'-Dichlorobenzidine	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
3-Nitroaniline	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
4,6-Dinitro-2-methylphenol	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
4-Bromophenyl phenyl ether	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
4-Chloro-3-methylphenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
4-Chloroaniline	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
4-Chlorophenyl phenyl ether	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
4-Methylphenol	19	J	220	UG/KG	8270	06/13/2007 19:42		MRF
4-Nitroaniline	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
4-Nitrophenol	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
Acenaphthene	420		220	UG/KG	8270	06/13/2007 19:42		MRF
Acenaphthylene	250		220	UG/KG	8270	06/13/2007 19:42		MRF
Acetophenone	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Anthracene	980		220	UG/KG	8270	06/13/2007 19:42		MRF
Atrazine	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzaldehyde	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzo(a)anthracene	2300		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzo(a)pyrene	2000		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzo(b)fluoranthene	2800		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzo(ghi)perylene	1100		220	UG/KG	8270	06/13/2007 19:42		MRF
Benzo(k)fluoranthene	950		220	UG/KG	8270	06/13/2007 19:42		MRF
Biphenyl	45	J	220	UG/KG	8270	06/13/2007 19:42		MRF
Bis(2-chloroethoxy) methane	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Bis(2-chloroethyl) ether	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Bis(2-ethylhexyl) phthalate	94	BJ	220	UG/KG	8270	06/13/2007 19:42		MRF
Butyl benzyl phthalate	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Caprolactam	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Carbazole	300		220	UG/KG	8270	06/13/2007 19:42		MRF
Chrysene	2400		220	UG/KG	8270	06/13/2007 19:42		MRF
Di-n-butyl phthalate	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Di-n-octyl phthalate	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Dibenzo(a,h)anthracene	360		220	UG/KG	8270	06/13/2007 19:42		MRF
Dibenzofuran	120	J	220	UG/KG	8270	06/13/2007 19:42		MRF
Diethyl phthalate	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Dimethyl phthalate	ND		220	UG/KG	8270	06/13/2007 19:42		MRF

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-2
Lab Sample ID: A7640208
Date Collected: 06/08/2007
Time Collected: 13:40

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
Fluoranthene	4500		220	UG/KG	8270	06/13/2007 19:42		MRF
Fluorene	350		220	UG/KG	8270	06/13/2007 19:42		MRF
Hexachlorobenzene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Hexachlorobutadiene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Hexachlorocyclopentadiene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Hexachloroethane	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Indeno(1,2,3-cd)pyrene	990		220	UG/KG	8270	06/13/2007 19:42		MRF
Isophorone	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
N-Nitroso-Di-n-propylamine	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
N-nitrosodiphenylamine	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Naphthalene	250		220	UG/KG	8270	06/13/2007 19:42		MRF
Nitrobenzene	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Pentachlorophenol	ND		420	UG/KG	8270	06/13/2007 19:42		MRF
Phenanthrene	3600		220	UG/KG	8270	06/13/2007 19:42		MRF
Phenol	ND		220	UG/KG	8270	06/13/2007 19:42		MRF
Pyrene	3200		220	UG/KG	8270	06/13/2007 19:42		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM								
4,4'-DDD	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
4,4'-DDE	25		21	UG/KG	8081	06/18/2007 17:31		TCH
4,4'-DDT	55	B	21	UG/KG	8081	06/18/2007 17:31		TCH
Aldrin	8.5	J	21	UG/KG	8081	06/18/2007 17:31		TCH
alpha-BHC	9.0	J	21	UG/KG	8081	06/18/2007 17:31		TCH
alpha-Chlordane	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
beta-BHC	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
delta-BHC	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Dieldrin	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endosulfan I	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endosulfan II	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endosulfan Sulfate	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endrin	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endrin aldehyde	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Endrin ketone	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
gamma-BHC (Lindane)	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
gamma-Chlordane	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Heptachlor	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Heptachlor epoxide	ND		21	UG/KG	8081	06/18/2007 17:31		TCH
Methoxychlor	69		21	UG/KG	8081	06/18/2007 17:31		TCH
Toxaphene	ND		420	UG/KG	8081	06/18/2007 17:31		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS								
Aroclor 1016	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1221	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1232	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1242	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1248	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1254	ND		21	UG/KG	8082	06/18/2007 17:34		AJ
Aroclor 1260	ND		21	UG/KG	8082	06/18/2007 17:34		AJ

Date: 06/22/2007
Time: 15:01:26

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 22
Rept: AN1178

Sample ID: WS-2
Lab Sample ID: A7640208
Date Collected: 06/08/2007
Time Collected: 13:40

Date Received: 06/08/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	8750		13.4		MG/KG	6010	06/15/2007 14:11	
Antimony - Total	ND		20.1		MG/KG	6010	06/15/2007 14:11	
Arsenic - Total	18.9		2.7		MG/KG	6010	06/15/2007 14:11	
Barium - Total	464		0.67		MG/KG	6010	06/15/2007 14:11	
Beryllium - Total	0.77		0.27		MG/KG	6010	06/15/2007 14:11	
Cadmium - Total	3.6		0.27		MG/KG	6010	06/15/2007 14:11	
Calcium - Total	29200		67.0		MG/KG	6010	06/15/2007 14:11	
Chromium - Total	34.2		0.67		MG/KG	6010	06/15/2007 14:11	
Cobalt - Total	9.8		0.67		MG/KG	6010	06/15/2007 14:11	
Copper - Total	1310		1.3		MG/KG	6010	06/15/2007 14:11	
Iron - Total	34200		13.4		MG/KG	6010	06/15/2007 14:11	
Lead - Total	1740		1.3		MG/KG	6010	06/15/2007 14:11	
Magnesium - Total	9380		26.8		MG/KG	6010	06/15/2007 14:11	
Manganese - Total	528		0.27		MG/KG	6010	06/15/2007 14:11	
Mercury - Total	0.280		0.023		MG/KG	7471	06/12/2007 13:50	
Nickel - Total	64.3		0.67		MG/KG	6010	06/15/2007 14:11	
Potassium - Total	1140		40.2		MG/KG	6010	06/15/2007 14:11	
Selenium - Total	ND		5.4		MG/KG	6010	06/15/2007 14:11	
Silver - Total	5.1		0.67		MG/KG	6010	06/15/2007 14:11	
Sodium - Total	280		188		MG/KG	6010	06/15/2007 14:11	
Thallium - Total	ND		8.0		MG/KG	6010	06/15/2007 14:11	
Vanadium - Total	27.5		0.67		MG/KG	6010	06/15/2007 14:11	
Zinc - Total	2030		26.8		MG/KG	6010	06/18/2007 16:02	

Date: 07/16/2007

Time: 09:48:09

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-2

Lab Sample ID: A7734905

Date Collected: 06/07/2007

Time Collected: 13:40

Date Received: 06/08/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TCLP Metals Analysis							
Lead - Total	2510		5.0	UG/L	6010	07/09/2007 23:56	

Chain of
Custody Record

STL-4124 (0901)

Client

NYSDDEC

Project Manager

Glenn May

Date

6-8-07

Chain of Custody Number

324606

Address

270 Michigan Ave

Telephone Number (Area Code)/Fax Number

716-851-7220

City

Buffalo

State

NY

Zip Code

14203

Site Contact

G. May

Lab Contact

B. Fischer

Project Name and Location (State)

Old Upper Mt. Rd., 932112

Carrier/Waybill Number

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

8270

8081

8082

TAL metals

TCLP lead

Special Instructions/
Conditions of Receipt

Hold second 4oz
bottle of each
sample for
possible TCLP
analysis

Sample I.D. No. and Description
(Containers for each sample may be combined on one line)

SS-1

6/7/07

1335

Matrix

Aqueous

Sed

Soil

Unpres.

H2SO4

HNO3

HCl

NaOH

ZnAc

HORN

Containers & Preservatives

SS-2

"

1350

SS-3

"

1405

SS-4

"

1410

SS-5

"

1430

SS-6

6/8/07

1300

WS-1

"

1315

WS-2

"

1340

Possible Hazard Identification

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Sample Disposal

Return To Client

Disposal By Lab

Archive For

Months

QC Requirements (Specify)

Turn Around Time Required

24 Hours

48 Hours

7 Days

14 Days

21 Days

Other

10 days

1. Relinquished By

Glenn M May

Date

6/8/07

Time

1445

2. Relinquished By

Date

Time

3. Relinquished By

Date

Time

Comments

2.00c

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Date: 06/25/2007

Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-3

Lab Sample ID: A7647701

Date Collected: 06/11/2007

Time Collected: 10:40

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,4,5-Trichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,4,6-Trichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,4-Dichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,4-Dimethylphenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,4-Dinitrophenol	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
2,4-Dinitrotoluene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2,6-Dinitrotoluene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2-Chloronaphthalene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2-Chlorophenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2-Methylnaphthalene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2-Methylphenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
2-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
2-Nitrophenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
3,3'-Dichlorobenzidine	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
3-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
4,6-Dinitro-2-methylphenol	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
4-Bromophenyl phenyl ether	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
4-Chloro-3-methylphenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
4-Chloroaniline	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
4-Chlorophenyl phenyl ether	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
4-Methylphenol	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
4-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
4-Nitrophenol	ND		440	UG/KG	8270	06/13/2007 20:06		MRF
Acenaphthene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Acenaphthylene	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Acetophenone	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Anthracene	14	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Atrazine	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Benzaldehyde	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Benzo(a)anthracene	52	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Benzo(a)pyrene	49	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Benzo(b)fluoranthene	86	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Benzo(ghi)perylene	35	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Benzo(k)fluoranthene	18	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Biphenyl	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Bis(2-chloroethoxy) methane	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Bis(2-chloroethyl) ether	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Bis(2-ethylhexyl) phthalate	94	BJ	230	UG/KG	8270	06/13/2007 20:06		MRF
Butyl benzyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Caprolactam	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Carbazole	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Chrysene	49	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Di-n-butyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Di-n-octyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Dibenzo(a,h)anthracene	16	J	230	UG/KG	8270	06/13/2007 20:06		MRF
Dibenzofuran	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Diethyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:06		MRF
Dimethyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:06		MRF

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Rept: AN1178

Sample ID: WS-3

Lab Sample ID: A7647701

Date Collected: 06/11/2007

Time Collected: 10:40

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	68	J	230		UG/KG	8270	06/13/2007 20:06		MRF
Fluorene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Hexachlorobenzene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Hexachlorobutadiene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Hexachlorocyclopentadiene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Hexachloroethane	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Indeno(1,2,3-cd)pyrene	31	J	230		UG/KG	8270	06/13/2007 20:06		MRF
Isophorone	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
N-Nitroso-Di-n-propylamine	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
N-nitrosodiphenylamine	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Naphthalene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Nitrobenzene	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Pentachlorophenol	ND		440		UG/KG	8270	06/13/2007 20:06		MRF
Phenanthrene	38	J	230		UG/KG	8270	06/13/2007 20:06		MRF
Phenol	ND		230		UG/KG	8270	06/13/2007 20:06		MRF
Pyrene	48	J	230		UG/KG	8270	06/13/2007 20:06		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM									
4,4'-DDD	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
4,4'-DDE	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
4,4'-DDT	1.8	BJ	2.2		UG/KG	8081	06/18/2007 13:53		TCH
Aldrin	0.99	J	2.2		UG/KG	8081	06/18/2007 13:53		TCH
alpha-BHC	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
alpha-Chlordane	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
beta-BHC	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
delta-BHC	0.67	J	2.2		UG/KG	8081	06/18/2007 13:53		TCH
Dieldrin	0.72	J	2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endosulfan I	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endosulfan II	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endosulfan Sulfate	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endrin	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endrin aldehyde	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Endrin ketone	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
gamma-BHC (Lindane)	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
gamma-Chlordane	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Heptachlor	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Heptachlor epoxide	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Methoxychlor	ND		2.2		UG/KG	8081	06/18/2007 13:53		TCH
Toxaphene	ND		44		UG/KG	8081	06/18/2007 13:53		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1221	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1232	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1242	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1248	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1254	ND		22		UG/KG	8082	06/18/2007 17:48		AJ
Aroclor 1260	ND		22		UG/KG	8082	06/18/2007 17:48		AJ

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: WS-3

Date Received: 06/11/2007

Lab Sample ID: A7647701

Project No: NY5A946109

Date Collected: 06/11/2007

Client No: L10190

Time Collected: 10:40

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
Metals Analysis							
Aluminum - Total	7500		12.8	MG/KG	6010	06/16/2007 00:46	
Antimony - Total	ND		19.3	MG/KG	6010	06/16/2007 00:46	
Arsenic - Total	14.7		2.6	MG/KG	6010	06/16/2007 00:46	
Barium - Total	446		0.64	MG/KG	6010	06/16/2007 00:46	
Beryllium - Total	0.77		0.26	MG/KG	6010	06/16/2007 00:46	
Cadmium - Total	1.0		0.26	MG/KG	6010	06/16/2007 00:46	
Calcium - Total	7620		64.2	MG/KG	6010	06/16/2007 00:46	
Chromium - Total	22.7		0.64	MG/KG	6010	06/16/2007 00:46	
Cobalt - Total	9.2		0.64	MG/KG	6010	06/16/2007 00:46	
Copper - Total	95.0		1.3	MG/KG	6010	06/16/2007 00:46	
Iron - Total	42900		12.8	MG/KG	6010	06/16/2007 00:46	
Lead - Total	539		1.3	MG/KG	6010	06/16/2007 00:46	
Magnesium - Total	1400		25.7	MG/KG	6010	06/16/2007 00:46	
Manganese - Total	320		0.26	MG/KG	6010	06/16/2007 00:46	
Mercury - Total	0.063		0.024	MG/KG	7471	06/14/2007 11:42	
Nickel - Total	27.6		0.64	MG/KG	6010	06/16/2007 00:46	
Potassium - Total	1640		38.5	MG/KG	6010	06/16/2007 00:46	
Selenium - Total	ND		5.1	MG/KG	6010	06/16/2007 00:46	
Silver - Total	1.8		0.64	MG/KG	6010	06/16/2007 00:46	
Sodium - Total	473		180	MG/KG	6010	06/16/2007 00:46	
Thallium - Total	ND		7.7	MG/KG	6010	06/16/2007 00:46	
Vanadium - Total	27.4		0.64	MG/KG	6010	06/16/2007 00:46	
Zinc - Total	422		2.6	MG/KG	6010	06/16/2007 00:46	

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Sample ID: WS-4

Date Received: 06/11/2007

Lab Sample ID: A7647702

Project No: NY5A946109

Date Collected: 06/11/2007

Client No: L10190

Time Collected: 11:15

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,4,5-Trichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,4,6-Trichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,4-Dichlorophenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,4-Dimethylphenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,4-Dinitrophenol	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
2,4-Dinitrotoluene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2,6-Dinitrotoluene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2-Chloronaphthalene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2-Chlorophenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2-Methylnaphthalene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2-Methylphenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
2-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
2-Nitrophenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
3,3'-Dichlorobenzidine	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
3-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
4,6-Dinitro-2-methylphenol	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
4-Bromophenyl phenyl ether	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
4-Chloro-3-methylphenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
4-Chloroaniline	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
4-Chlorophenyl phenyl ether	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
4-Methylphenol	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
4-Nitroaniline	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
4-Nitrophenol	ND		440	UG/KG	8270	06/13/2007 20:31		MRF
Acenaphthene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Acenaphthylene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Acetophenone	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Anthracene	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Atrazine	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Benzaldehyde	620		230	UG/KG	8270	06/13/2007 20:31		MRF
Benzo(a)anthracene	50	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Benzo(a)pyrene	42	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Benzo(b)fluoranthene	78	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Benzo(ghi)perylene	34	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Benzo(k)fluoranthene	32	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Biphenyl	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Bis(2-chloroethoxy) methane	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Bis(2-chloroethyl) ether	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Bis(2-ethylhexyl) phthalate	110	BJ	230	UG/KG	8270	06/13/2007 20:31		MRF
Butyl benzyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Caprolactam	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Carbazole	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Chrysene	60	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Di-n-butyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Di-n-octyl phthalate	19	BJ	230	UG/KG	8270	06/13/2007 20:31		MRF
Dibenzo(a,h)anthracene	12	J	230	UG/KG	8270	06/13/2007 20:31		MRF
Dibenzofuran	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Diethyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:31		MRF
Dimethyl phthalate	ND		230	UG/KG	8270	06/13/2007 20:31		MRF

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-4

Lab Sample ID: A7647702

Date Collected: 06/11/2007

Time Collected: 11:15

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	63	J	230		UG/KG	8270	06/13/2007 20:31		MRF
Fluorene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Hexachlorobenzene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Hexachlorobutadiene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Hexachlorocyclopentadiene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Hexachloroethane	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Indeno(1,2,3-cd)pyrene	36	J	230		UG/KG	8270	06/13/2007 20:31		MRF
Isophorone	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
N-Nitroso-Di-n-propylamine	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
N-nitrosodiphenylamine	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Naphthalene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Nitrobenzene	ND		230		UG/KG	8270	06/13/2007 20:31		MRF
Pentachlorophenol	ND		440		UG/KG	8270	06/13/2007 20:31		MRF
Phenanthrene	22	J	230		UG/KG	8270	06/13/2007 20:31		MRF
Phenol	43	J	230		UG/KG	8270	06/13/2007 20:31		MRF
Pyrene	41	J	230		UG/KG	8270	06/13/2007 20:31		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)									
4,4'-DDD	0.70	J	2.2		UG/KG	8081	06/18/2007 18:07		TCH
4,4'-DDE	2.9		2.2		UG/KG	8081	06/18/2007 18:07		TCH
4,4'-DDT	10	B	2.2		UG/KG	8081	06/18/2007 18:07		TCH
Aldrin	0.70	J	2.2		UG/KG	8081	06/18/2007 18:07		TCH
alpha-BHC	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
alpha-Chlordane	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
beta-BHC	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
delta-BHC	0.57	J	2.2		UG/KG	8081	06/18/2007 18:07		TCH
Dieldrin	1.0	J	2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endosulfan I	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endosulfan II	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endosulfan Sulfate	1.6	J	2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endrin	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endrin aldehyde	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Endrin ketone	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
gamma-BHC (Lindane)	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
gamma-Chlordane	0.84	BJ	2.2		UG/KG	8081	06/18/2007 18:07		TCH
Heptachlor	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Heptachlor epoxide	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Methoxychlor	ND		2.2		UG/KG	8081	06/18/2007 18:07		TCH
Toxaphene	ND		44		UG/KG	8081	06/18/2007 18:07		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1221	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1232	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1242	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1248	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1254	ND		22		UG/KG	8082	06/18/2007 18:03		AJ
Aroclor 1260	ND		22		UG/KG	8082	06/18/2007 18:03		AJ

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Rept: AN1178

Sample ID: WS-4

Lab Sample ID: A7647702

Date Collected: 06/11/2007

Time Collected: 11:15

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	5930		13.5		MG/KG	6010	06/16/2007 00:51	
Antimony - Total	ND		20.2		MG/KG	6010	06/16/2007 00:51	
Arsenic - Total	8.4		2.7		MG/KG	6010	06/16/2007 00:51	
Barium - Total	198		0.67		MG/KG	6010	06/16/2007 00:51	
Beryllium - Total	0.60		0.27		MG/KG	6010	06/16/2007 00:51	
Cadmium - Total	ND		0.27		MG/KG	6010	06/16/2007 00:51	
Calcium - Total	4130		67.4		MG/KG	6010	06/16/2007 00:51	
Chromium - Total	9.7		0.67		MG/KG	6010	06/16/2007 00:51	
Cobalt - Total	6.4		0.67		MG/KG	6010	06/16/2007 00:51	
Copper - Total	65.3		1.3		MG/KG	6010	06/16/2007 00:51	
Iron - Total	9720		13.5		MG/KG	6010	06/16/2007 00:51	
Lead - Total	35.9		1.3		MG/KG	6010	06/16/2007 00:51	
Magnesium - Total	364		27.0		MG/KG	6010	06/16/2007 00:51	
Manganese - Total	77.7		0.27		MG/KG	6010	06/16/2007 00:51	
Mercury - Total	0.076		0.024		MG/KG	7471	06/14/2007 11:47	
Nickel - Total	15.4		0.67		MG/KG	6010	06/16/2007 00:51	
Potassium - Total	507		40.4		MG/KG	6010	06/16/2007 00:51	
Selenium - Total	ND		5.4		MG/KG	6010	06/16/2007 00:51	
Silver - Total	ND		0.67		MG/KG	6010	06/16/2007 00:51	
Sodium - Total	281		189		MG/KG	6010	06/16/2007 00:51	
Thallium - Total	ND		8.1		MG/KG	6010	06/16/2007 00:51	
Vanadium - Total	22.1		0.67		MG/KG	6010	06/16/2007 00:51	
Zinc - Total	76.0		2.7		MG/KG	6010	06/16/2007 00:51	

**SEVERN
TRENT** **STL**
Severn Trent Laboratories, Inc.

Client	NYS DEC	Project Manager	Glenn May	Date	6-11-07	Chain of Custody Number	324605
Address	270 Michigan Ave	Telephone Number (Area Code)/Fax Number	716-851-7220	Lab Number	---	Page	1 of 1

370 Michigan Ave
716 - 851-7220

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if available)

[illegible][illegible]

0	0	2	2	1	0	0	0
Old Upper Mt W Road; 432112							
Contract/Burchase Order/Quote No							

Containers & Preservatives

[illegible][illegible]

	6/11/07	1040	X	X	Hold 2nd 4oz
	- 3		X <td>X<td></td></td>	X <td></td>	
	5(1)		X <td>X<td></td></td>	X <td></td>	
			X <td>X<td></td></td>	X <td></td>	
			X <td>X<td></td></td>	X <td></td>	
			X <td>X<td></td></td>	X <td></td>	

[illegible]

	WSS-3		III	X	X	X	X	X	X	bottle at each
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[illegible][illegible][illegible]

$w = 1, y = 13$

[illegible][illegible]

[illegible][illegible][illegible][illegible]

Possible Hazard Identification	Sample Disposal	(A fee may be assessed if samples are retained)
--------------------------------	-----------------	---

☒ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☒ Unknown	☐ Return To Client	☒ Disposal By Lab	Archive For _____ Months longer than 1 month)
☒							

Turn Around Time Required	QC Requirements (Specify)
1	1
2	2
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100	100

1 Received By		Date	Time
1	Belin/Unpublished Bv		
24 Hours	48 Hours	7 Days	14 Days
21 Days	Other	10 days	

Signature	Date	Time	Received by
<i>[Signature]</i>	6/11/67	14:30	<i>[Signature]</i>
<i>[Signature]</i>	6/11/67	14:30	<i>[Signature]</i>

2. Relinquished By	Date	Time	2. Received By	Date	Time

--	--

3. Relinquished By	Date	Time	3. Received By	Date	Time

[illegible]

7.600

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Sample ID: WS-5
 Lab Sample ID: A7660301
 Date Collected: 06/13/2007
 Time Collected: 09:45

Date Received: 06/13/2007
 Project No: NY5A946109
 Client No: L10190
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,4,5-Trichlorophenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,4,6-Trichlorophenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,4-Dichlorophenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,4-Dimethylphenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,4-Dinitrophenol	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
2,4-Dinitrotoluene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2,6-Dinitrotoluene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2-Chloronaphthalene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2-Chlorophenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2-Methylnaphthalene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2-Methylphenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
2-Nitroaniline	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
2-Nitrophenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
3,3'-Dichlorobenzidine	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
3-Nitroaniline	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
4,6-Dinitro-2-methylphenol	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
4-Bromophenyl phenyl ether	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
4-Chloro-3-methylphenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
4-Chloroaniline	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
4-Chlorophenyl phenyl ether	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
4-Methylphenol	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
4-Nitroaniline	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
4-Nitrophenol	ND		8600	UG/KG	8270	06/25/2007 12:31		MRF
Acenaphthene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Acenaphthylene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Acetophenone	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Anthracene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Atrazine	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzaldehyde	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzo(a)anthracene	230	J	4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzo(a)pyrene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzo(b)fluoranthene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzo(ghi)perylene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Benzo(k)fluoranthene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Biphenyl	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Bis(2-chloroethoxy) methane	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Bis(2-chloroethyl) ether	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Bis(2-ethylhexyl) phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Butyl benzyl phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Caprolactam	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Carbazole	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Chrysene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Di-n-butyl phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Di-n-octyl phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Dibenzo(a,h)anthracene	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Dibenzofuran	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Diethyl phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF
Dimethyl phthalate	ND		4400	UG/KG	8270	06/25/2007 12:31		MRF

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-5
 Lab Sample ID: A7660301
 Date Collected: 06/13/2007
 Time Collected: 09:45

Date Received: 06/13/2007
 Project No: NY5A946109
 Client No: L10190
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	—Date/Time— Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Fluorene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Hexachlorobenzene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Hexachlorobutadiene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Hexachlorocyclopentadiene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Hexachloroethane	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Indeno(1,2,3-cd)pyrene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Isophorone	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
N-Nitroso-Di-n-propylamine	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
N-nitrosodiphenylamine	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Naphthalene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Nitrobenzene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Pentachlorophenol	5600	J	8600	UG/KG	8270	06/25/2007 12:31	MRF
Phenanthrene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Phenol	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
Pyrene	ND		4400	UG/KG	8270	06/25/2007 12:31	MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM							
4,4'-DDD	7.4	J	22	UG/KG	8081	06/25/2007 21:16	TCH
4,4'-DDE	11	J	22	UG/KG	8081	06/25/2007 21:16	TCH
4,4'-DDT	110		22	UG/KG	8081	06/25/2007 21:16	TCH
Aldrin	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
alpha-BHC	7.4	J	22	UG/KG	8081	06/25/2007 21:16	TCH
alpha-Chlordane	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
beta-BHC	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
delta-BHC	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Dieldrin	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Endosulfan I	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Endosulfan II	4.8	J	22	UG/KG	8081	06/25/2007 21:16	TCH
Endosulfan Sulfate	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Endrin	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Endrin aldehyde	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Endrin ketone	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
gamma-BHC (Lindane)	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
gamma-Chlordane	5.2	J	22	UG/KG	8081	06/25/2007 21:16	TCH
Heptachlor	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Heptachlor epoxide	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Methoxychlor	ND		22	UG/KG	8081	06/25/2007 21:16	TCH
Toxaphene	ND		430	UG/KG	8081	06/25/2007 21:16	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1221	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1232	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1242	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1248	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1254	ND		21	UG/KG	8082	06/17/2007 15:40	AJ
Aroclor 1260	71		21	UG/KG	8082	06/17/2007 15:40	AJ

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: WS-5

Lab Sample ID: A7660301

Date Collected: 06/13/2007

Time Collected: 09:45

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection			—Date/Time—		Analyst
			Limit	Units	Method	Analyzed		
Metals Analysis								
Aluminum - Total	7470		13.1	MG/KG	6010	06/20/2007	12:45	
Antimony - Total	31.7		19.7	MG/KG	6010	06/20/2007	12:45	
Arsenic - Total	22.8		2.6	MG/KG	6010	06/20/2007	12:45	
Barium - Total	688		0.66	MG/KG	6010	06/20/2007	12:45	
Beryllium - Total	0.57		0.26	MG/KG	6010	06/20/2007	12:45	
Cadmium - Total	8.5		0.26	MG/KG	6010	06/20/2007	12:45	
Calcium - Total	10300		65.6	MG/KG	6010	06/20/2007	12:45	
Chromium - Total	82.9		0.66	MG/KG	6010	06/20/2007	12:45	
Cobalt - Total	9.0		0.66	MG/KG	6010	06/20/2007	12:45	
Copper - Total	566		1.3	MG/KG	6010	06/20/2007	12:45	
Iron - Total	52500		13.1	MG/KG	6010	06/20/2007	12:45	
Lead - Total	2380		1.3	MG/KG	6010	06/20/2007	12:45	
Magnesium - Total	1870		26.2	MG/KG	6010	06/20/2007	12:45	
Manganese - Total	396		0.26	MG/KG	6010	06/20/2007	12:45	
Mercury - Total	1.6		0.113	MG/KG	7471	06/15/2007	14:49	
Nickel - Total	47.3		0.66	MG/KG	6010	06/20/2007	12:45	
Potassium - Total	1080		39.3	MG/KG	6010	06/20/2007	12:45	
Selenium - Total	ND		5.2	MG/KG	6010	06/20/2007	12:45	
Silver - Total	12.5		0.66	MG/KG	6010	06/20/2007	12:45	
Sodium - Total	385		184	MG/KG	6010	06/20/2007	12:45	
Thallium - Total	ND		7.9	MG/KG	6010	06/20/2007	12:45	
Vanadium - Total	22.9		0.66	MG/KG	6010	06/20/2007	12:45	
Zinc - Total	2510		13.1	MG/KG	6010	06/21/2007	09:50	

Date: 07/16/2007

Time: 09:48:09

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 7

Rept: AN1178

Sample ID: WS-5

Lab Sample ID: A7734906

Date Collected: 06/13/2007

Time Collected: 09:45

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TCLP Metals Analysis							
Lead - Total	15800		5.0	UG/L	6010	07/10/2007 00:14	

Date: 10/10/2007

Time: 10:15:42

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 1

Rept: AN1178

Sample ID: SB-1A 0-4

Lab Sample ID: A7A82801

Date Collected: 09/25/2007

Time Collected: 11:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	12		5	UG/KG	8260	10/03/2007 19:35		TRB
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,1,2-Trichloroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,1-Dichloroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,1-Dichloroethene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2-Dibromoethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2-Dichlorobenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2-Dichloroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,2-Dichloropropane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,3-Dichlorobenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
1,4-Dichlorobenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
2-Butanone	ND		26	UG/KG	8260	10/03/2007 19:35		TRB
2-Hexanone	ND		26	UG/KG	8260	10/03/2007 19:35		TRB
4-Methyl-2-pentanone	ND		26	UG/KG	8260	10/03/2007 19:35		TRB
Acetone	ND		26	UG/KG	8260	10/03/2007 19:35		TRB
Benzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Bromodichloromethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Bromoform	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Bromomethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Carbon Disulfide	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Carbon Tetrachloride	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Chlorobenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Chloroethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Chloroform	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Chloromethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Cyclohexane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Dibromochloromethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Dichlorodifluoromethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Ethylbenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Isopropylbenzene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Methyl acetate	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Methylcyclohexane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Methylene chloride	18	B	5	UG/KG	8260	10/03/2007 19:35		TRB
Styrene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Tetrachloroethene	27		5	UG/KG	8260	10/03/2007 19:35		TRB
Toluene	2	J	5	UG/KG	8260	10/03/2007 19:35		TRB
Total Xylenes	ND		15	UG/KG	8260	10/03/2007 19:35		TRB
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Trichloroethene	98		5	UG/KG	8260	10/03/2007 19:35		TRB
Trichlorofluoromethane	ND		5	UG/KG	8260	10/03/2007 19:35		TRB
Vinyl chloride	ND		10	UG/KG	8260	10/03/2007 19:35		TRB

Date: 10/10/2007
Time: 10:15:42

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 2
Rept: AN1178

Sample ID: SB-1A 0-4
Lab Sample ID: A7A82801
Date Collected: 09/25/2007
Time Collected: 11:00

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)								
4,4'-DDD	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
4,4'-DDE	21		19	UG/KG	8081	09/28/2007 20:12		TCH
4,4'-DDT	70		19	UG/KG	8081	09/28/2007 20:12		TCH
Aldrin	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
alpha-BHC	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
alpha-Chlordane	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
beta-BHC	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
delta-BHC	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Dieldrin	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Endosulfan I	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Endosulfan II	46		19	UG/KG	8081	09/28/2007 20:12		TCH
Endosulfan Sulfate	10	J	19	UG/KG	8081	09/28/2007 20:12		TCH
Endrin	11	J	19	UG/KG	8081	09/28/2007 20:12		TCH
Endrin aldehyde	44		19	UG/KG	8081	09/28/2007 20:12		TCH
Endrin ketone	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
gamma-BHC (Lindane)	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
gamma-Chlordane	16	J	19	UG/KG	8081	09/28/2007 20:12		TCH
Heptachlor	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Heptachlor epoxide	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Methoxychlor	ND		19	UG/KG	8081	09/28/2007 20:12		TCH
Toxaphene	ND		370	UG/KG	8081	09/28/2007 20:12		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBs								
Aroclor 1016	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1221	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1232	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1242	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1248	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1254	520		370	UG/KG	8082	09/27/2007 18:54		DW
Aroclor 1260	ND		370	UG/KG	8082	09/27/2007 18:54		DW
Metals Analysis								
Aluminum - Total	5840		11.7	MG/KG	6010	10/03/2007 16:00		
Antimony - Total	42.7	N*	17.5	MG/KG	6010	10/03/2007 16:00		
Arsenic - Total	12.4	N*	2.3	MG/KG	6010	10/03/2007 16:00		
Barium - Total	274		0.58	MG/KG	6010	10/03/2007 16:00		
Beryllium - Total	0.54		0.23	MG/KG	6010	10/03/2007 16:00		
Cadmium - Total	5.3		0.23	MG/KG	6010	10/03/2007 16:00		
Calcium - Total	13200		58.3	MG/KG	6010	10/03/2007 16:00		
Chromium - Total	51.6	N	0.58	MG/KG	6010	10/03/2007 16:00		
Cobalt - Total	7.2		0.58	MG/KG	6010	10/03/2007 16:00		
Copper - Total	1430	*	1.2	MG/KG	6010	10/03/2007 16:00		
Iron - Total	21100		11.7	MG/KG	6010	10/03/2007 16:00		
Lead - Total	10500	*	11.7	MG/KG	6010	10/05/2007 09:58		
Magnesium - Total	2830		23.3	MG/KG	6010	10/03/2007 16:00		
Manganese - Total	152		0.23	MG/KG	6010	10/03/2007 16:00		
Mercury - Total	0.141		0.019	MG/KG	7471	09/27/2007 13:09		
Nickel - Total	104		0.58	MG/KG	6010	10/03/2007 16:00		
Potassium - Total	502		35.0	MG/KG	6010	10/03/2007 16:00		

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-1A 0-4

Lab Sample ID: A7A82801

Date Collected: 09/25/2007

Time Collected: 11:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Selenium - Total	ND		4.7		MG/KG	6010	10/03/2007	16:00
Silver - Total	9.3		0.58		MG/KG	6010	10/03/2007	16:00
Sodium - Total	202		163		MG/KG	6010	10/03/2007	16:00
Thallium - Total	ND		7.0		MG/KG	6010	10/03/2007	16:00
Vanadium - Total	23.4		0.58		MG/KG	6010	10/03/2007	16:00
Zinc - Total	3210		23.3		MG/KG	6010	10/05/2007	09:58

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Time: 10:15:42

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-1A 0-4

Lab Sample ID: A7A82801RE

Date Collected: 09/25/2007

Time Collected: 11:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,4,5-Trichlorophenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,4,6-Trichlorophenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,4-Dichlorophenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,4-Dimethylphenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,4-Dinitrophenol	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
2,4-Dinitrotoluene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2,6-Dinitrotoluene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2-Chloronaphthalene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2-Chlorophenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2-Methylnaphthalene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2-Methylphenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
2-Nitroaniline	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
2-Nitrophenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
3,3'-Dichlorobenzidine	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
3-Nitroaniline	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
4,6-Dinitro-2-methylphenol	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
4-Bromophenyl phenyl ether	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
4-Chloro-3-methylphenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
4-Chloroaniline	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
4-Chlorophenyl phenyl ether	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
4-Methylphenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
4-Nitroaniline	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
4-Nitrophenol	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
Acenaphthene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Acenaphthylene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Acetophenone	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Anthracene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Atrazine	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Benzaldehyde	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Benzo(a)anthracene	1800	J	9400	UG/KG	8270	10/02/2007 11:42	MD
Benzo(a)pyrene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Benzo(b)fluoranthene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Benzo(ghi)perylene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Benzo(k)fluoranthene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Biphenyl	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Bis(2-chloroethoxy) methane	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Bis(2-chloroethyl) ether	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Bis(2-ethylhexyl) phthalate	13000		9400	UG/KG	8270	10/02/2007 11:42	MD
Butyl benzyl phthalate	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Caprolactam	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Carbazole	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Chrysene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Di-n-butyl phthalate	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Di-n-octyl phthalate	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Dibenzo(a,h)anthracene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Dibenzofuran	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Diethyl phthalate	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Dimethyl phthalate	ND		9400	UG/KG	8270	10/02/2007 11:42	MD

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-1A 0-4
Lab Sample ID: A7A82801RE
Date Collected: 09/25/2007
Time Collected: 11:00

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Fluorene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Hexachlorobenzene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Hexachlorobutadiene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Hexachlorocyclopentadiene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Hexachloroethane	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Indeno(1,2,3-cd)pyrene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Isophorone	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
N-Nitroso-Di-n-propylamine	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
N-nitrosodiphenylamine	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Naphthalene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Nitrobenzene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Pentachlorophenol	ND		18000	UG/KG	8270	10/02/2007 11:42	MD
Phenanthrene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Phenol	ND		9400	UG/KG	8270	10/02/2007 11:42	MD
Pyrene	ND		9400	UG/KG	8270	10/02/2007 11:42	MD

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 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-1B 16-20

Lab Sample ID: A7A82802

Date Collected: 09/25/2007

Time Collected: 11:20

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	8600		11.7	MG/KG	6010	10/03/2007	16:05
Antimony - Total	ND	N*	17.6	MG/KG	6010	10/03/2007	16:05
Arsenic - Total	19.5	N*	2.3	MG/KG	6010	10/03/2007	16:05
Barium - Total	420		0.59	MG/KG	6010	10/03/2007	16:05
Beryllium - Total	0.64		0.23	MG/KG	6010	10/03/2007	16:05
Cadmium - Total	4.7		0.23	MG/KG	6010	10/03/2007	16:05
Calcium - Total	15400		58.7	MG/KG	6010	10/03/2007	16:05
Chromium - Total	52.9	N	0.59	MG/KG	6010	10/03/2007	16:05
Cobalt - Total	11.1		0.59	MG/KG	6010	10/03/2007	16:05
Copper - Total	398	*	1.2	MG/KG	6010	10/03/2007	16:05
Iron - Total	127000		58.7	MG/KG	6010	10/05/2007	10:03
Lead - Total	2380	*	1.2	MG/KG	6010	10/03/2007	16:05
Magnesium - Total	3340		23.5	MG/KG	6010	10/03/2007	16:05
Manganese - Total	694		0.23	MG/KG	6010	10/03/2007	16:05
Mercury - Total	0.052		0.022	MG/KG	7471	09/27/2007	13:10
Nickel - Total	81.1		0.59	MG/KG	6010	10/03/2007	16:05
Potassium - Total	1870		35.2	MG/KG	6010	10/03/2007	16:05
Selenium - Total	ND		4.7	MG/KG	6010	10/03/2007	16:05
Silver - Total	18.0		0.59	MG/KG	6010	10/03/2007	16:05
Sodium - Total	504		164	MG/KG	6010	10/03/2007	16:05
Thallium - Total	ND		7.0	MG/KG	6010	10/03/2007	16:05
Vanadium - Total	32.8		0.59	MG/KG	6010	10/03/2007	16:05
Zinc - Total	1000		2.3	MG/KG	6010	10/03/2007	16:05

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2A 0-4

Lab Sample ID: A7A82803

Date Collected: 09/25/2007

Time Collected: 13:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	7.6	N*	2.4		MG/KG	6010	10/03/2007 16:11	
Barium - Total	114		0.60		MG/KG	6010	10/03/2007 16:11	
Cadmium - Total	2.4		0.24		MG/KG	6010	10/03/2007 16:11	
Chromium - Total	10.0	N	0.60		MG/KG	6010	10/03/2007 16:11	
Lead - Total	1340	*	1.2		MG/KG	6010	10/03/2007 16:11	
Mercury - Total	0.131		0.021		MG/KG	7471	09/27/2007 13:12	
Selenium - Total	ND		4.8		MG/KG	6010	10/03/2007 16:11	
Silver - Total	0.70		0.60		MG/KG	6010	10/03/2007 16:11	

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2B 4-8

Date Received: 09/26/2007

Lab Sample ID: A7A82804

Project No: NY5A946109

Date Collected: 09/25/2007

Client No: L10190

Time Collected: 13:10

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	11.5	N*	2.5		MG/KG	6010	10/03/2007 16:16	
Barium - Total	113		0.63		MG/KG	6010	10/03/2007 16:16	
Cadmium - Total	0.33		0.25		MG/KG	6010	10/03/2007 16:16	
Chromium - Total	9.2	N	0.63		MG/KG	6010	10/03/2007 16:16	
Lead - Total	107	*	1.3		MG/KG	6010	10/03/2007 16:16	
Mercury - Total	0.043		0.021		MG/KG	7471	09/27/2007 13:13	
Selenium - Total	ND		5.1		MG/KG	6010	10/03/2007 16:16	
Silver - Total	ND		0.63		MG/KG	6010	10/03/2007 16:16	

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Time: 10:15:42

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2C 8-12

Lab Sample ID: A7A82805

Date Collected: 09/25/2007

Time Collected: 13:15

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	9.7	N*	2.6		MG/KG	6010	10/03/2007 16:22	
Barium - Total	90.6		0.65		MG/KG	6010	10/03/2007 16:22	
Cadmium - Total	0.82		0.26		MG/KG	6010	10/03/2007 16:22	
Chromium - Total	10.3	N	0.65		MG/KG	6010	10/03/2007 16:22	
Lead - Total	654	*	1.3		MG/KG	6010	10/03/2007 16:22	
Mercury - Total	0.303		0.021		MG/KG	7471	09/27/2007 13:15	
Selenium - Total	ND		5.2		MG/KG	6010	10/03/2007 16:22	
Silver - Total	ND		0.65		MG/KG	6010	10/03/2007 16:22	

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2D 12-16
Lab Sample ID: A7A82806
Date Collected: 09/25/2007
Time Collected: 13:25

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	22.8	N*	2.5		MG/KG	6010	10/03/2007 16:27	
Barium - Total	375		0.63		MG/KG	6010	10/03/2007 16:27	
Cadmium - Total	2.0		0.25		MG/KG	6010	10/03/2007 16:27	
Chromium - Total	21.8	N	0.63		MG/KG	6010	10/03/2007 16:27	
Lead - Total	1440	*	1.3		MG/KG	6010	10/03/2007 16:27	
Mercury - Total	0.739		0.021		MG/KG	7471	09/27/2007 13:16	
Selenium - Total	ND		5.0		MG/KG	6010	10/03/2007 16:27	
Silver - Total	ND		0.63		MG/KG	6010	10/03/2007 16:27	

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2E 16-20

Date Received: 09/26/2007

Lab Sample ID: A7A82807

Project No: NY5A946109

Date Collected: 09/25/2007

Client No: L10190

Time Collected: 13:40

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Arsenic - Total	29.6	N*	2.6	MG/KG	6010	10/03/2007 16:32	
Barium - Total	457		0.66	MG/KG	6010	10/03/2007 16:32	
Cadmium - Total	14.3		0.26	MG/KG	6010	10/03/2007 16:32	
Chromium - Total	25.5	N	0.66	MG/KG	6010	10/03/2007 16:32	
Lead - Total	1180	*	1.3	MG/KG	6010	10/03/2007 16:32	
Mercury - Total	2.0		0.207	MG/KG	7471	09/27/2007 13:49	
Selenium - Total	ND		5.2	MG/KG	6010	10/03/2007 16:32	
Silver - Total	ND		0.66	MG/KG	6010	10/03/2007 16:32	

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2F 20-24
Lab Sample ID: A7A82808
Date Collected: 09/25/2007
Time Collected: 13:50

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Arsenic - Total	12.0	N*	2.3	MG/KG	6010	10/03/2007	16:38	
Barium - Total	158		0.58	MG/KG	6010	10/03/2007	16:38	
Cadmium - Total	4.4		0.23	MG/KG	6010	10/03/2007	16:38	
Chromium - Total	13.6	N	0.58	MG/KG	6010	10/03/2007	16:38	
Lead - Total	4260	*	1.2	MG/KG	6010	10/03/2007	16:38	
Mercury - Total	0.484		0.019	MG/KG	7471	09/27/2007	13:19	
Selenium - Total	ND		4.6	MG/KG	6010	10/03/2007	16:38	
Silver - Total	2.6		0.58	MG/KG	6010	10/03/2007	16:38	

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-2G 24-28
Lab Sample ID: A7A82809
Date Collected: 09/25/2007
Time Collected: 14:15

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	26.4	N*	2.6		MG/KG	6010	10/03/2007 16:55	
Barium - Total	156		0.65		MG/KG	6010	10/03/2007 16:55	
Cadmium - Total	1.6		0.26		MG/KG	6010	10/03/2007 16:55	
Chromium - Total	21.1	N	0.65		MG/KG	6010	10/03/2007 16:55	
Lead - Total	1380	*	1.3		MG/KG	6010	10/03/2007 16:55	
Mercury - Total	0.547		0.022		MG/KG	7471	09/27/2007 13:23	
Selenium - Total	ND		5.2		MG/KG	6010	10/03/2007 16:55	
Silver - Total	ND		0.65		MG/KG	6010	10/03/2007 16:55	

Date: 10/10/2007

Time: 10:15:42

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-2H 28-32

Lab Sample ID: A7A82810

Date Collected: 09/25/2007

Time Collected: 14:30

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		
			Limit			Analyzed	Analyst	
Metals Analysis								
Arsenic - Total	15.2	N*	2.5	MG/KG	6010	10/03/2007 17:01		
Barium - Total	170		0.63	MG/KG	6010	10/03/2007 17:01		
Cadmium - Total	2.8		0.25	MG/KG	6010	10/03/2007 17:01		
Chromium - Total	22.0	N	0.63	MG/KG	6010	10/03/2007 17:01		
Lead - Total	4250	*	1.3	MG/KG	6010	10/03/2007 17:01		
Mercury - Total	0.408		0.020	MG/KG	7471	09/27/2007 13:27		
Selenium - Total	ND		5.0	MG/KG	6010	10/03/2007 17:01		
Silver - Total	1.8		0.63	MG/KG	6010	10/03/2007 17:01		

Date: 10/10/2007

Time: 10:15:42

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-2I 32-36

Lab Sample ID: A7A82811

Date Collected: 09/25/2007

Time Collected: 15:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Arsenic - Total	25.0	N*	2.4		MG/KG	6010	10/03/2007 17:06	
Barium - Total	169		0.60		MG/KG	6010	10/03/2007 17:06	
Cadmium - Total	1.3		0.24		MG/KG	6010	10/03/2007 17:06	
Chromium - Total	44.1	N	0.60		MG/KG	6010	10/03/2007 17:06	
Lead - Total	902	*	1.2		MG/KG	6010	10/03/2007 17:06	
Mercury - Total	0.051		0.019		MG/KG	7471	09/27/2007 13:28	
Selenium - Total	ND		4.8		MG/KG	6010	10/03/2007 17:06	
Silver - Total	ND		0.60		MG/KG	6010	10/03/2007 17:06	

Date: 10/10/2007

Time: 10:15:42

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-6 4-8

Lab Sample ID: A7A82812

Date Collected: 09/25/2007

Time Collected: 16:00

Date Received: 09/26/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,4,5-Trichlorophenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,4,6-Trichlorophenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,4-Dichlorophenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,4-Dimethylphenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,4-Dinitrophenol	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
2,4-Dinitrotoluene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2,6-Dinitrotoluene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2-Chloronaphthalene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2-Chlorophenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2-Methylnaphthalene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2-Methylphenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
2-Nitroaniline	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
2-Nitrophenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
3,3'-Dichlorobenzidine	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
3-Nitroaniline	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
4,6-Dinitro-2-methylphenol	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
4-Bromophenyl phenyl ether	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
4-Chloro-3-methylphenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
4-Chloroaniline	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
4-Chlorophenyl phenyl ether	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
4-Methylphenol	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
4-Nitroaniline	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
4-Nitrophenol	ND		7800	UG/KG	8270	09/27/2007 19:13		MD
Acenaphthene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Acenaphthylene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Acetophenone	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Anthracene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Atrazine	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Benzaldehyde	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Benzo(a)anthracene	470	J	4000	UG/KG	8270	09/27/2007 19:13		MD
Benzo(a)pyrene	480	J	4000	UG/KG	8270	09/27/2007 19:13		MD
Benzo(b)fluoranthene	440	J	4000	UG/KG	8270	09/27/2007 19:13		MD
Benzo(ghi)perylene	320	J	4000	UG/KG	8270	09/27/2007 19:13		MD
Benzo(k)fluoranthene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Biphenyl	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Bis(2-chloroethoxy) methane	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Bis(2-chloroethyl) ether	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Bis(2-ethylhexyl) phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Butyl benzyl phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Caprolactam	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Carbazole	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Chrysene	360	J	4000	UG/KG	8270	09/27/2007 19:13		MD
Di-n-butyl phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Di-n-octyl phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Dibenzo(a,h)anthracene	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Dibenzofuran	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Diethyl phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD
Dimethyl phthalate	ND		4000	UG/KG	8270	09/27/2007 19:13		MD

STL Buffalo

Date: 10/10/2007
Time: 10:15:42

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-6 4-8
Lab Sample ID: A7A82812
Date Collected: 09/25/2007
Time Collected: 16:00

Date Received: 09/26/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	500	J	4000		UG/KG	8270	09/27/2007 19:13		MD
Fluorene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Hexachlorobenzene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Hexachlorobutadiene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Hexachlorocyclopentadiene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Hexachloroethane	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Indeno(1,2,3-cd)pyrene	340	J	4000		UG/KG	8270	09/27/2007 19:13		MD
Isophorone	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
N-Nitroso-Di-n-propylamine	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
N-nitrosodiphenylamine	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Naphthalene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Nitrobenzene	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Pentachlorophenol	ND		7800		UG/KG	8270	09/27/2007 19:13		MD
Phenanthrene	410	J	4000		UG/KG	8270	09/27/2007 19:13		MD
Phenol	ND		4000		UG/KG	8270	09/27/2007 19:13		MD
Pyrene	540	J	4000		UG/KG	8270	09/27/2007 19:13		MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM									
4,4'-DDD	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
4,4'-DDE	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
4,4'-DDT	37		20		UG/KG	8081	09/28/2007 21:25		TCH
Aldrin	8.0	J	20		UG/KG	8081	09/28/2007 21:25		TCH
alpha-BHC	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
alpha-Chlordane	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
beta-BHC	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
delta-BHC	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Dieldrin	5.6	J	20		UG/KG	8081	09/28/2007 21:25		TCH
Endosulfan I	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Endosulfan II	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Endosulfan Sulfate	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Endrin	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Endrin aldehyde	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Endrin ketone	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
gamma-BHC (Lindane)	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
gamma-Chlordane	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Heptachlor	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Heptachlor epoxide	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Methoxychlor	ND		20		UG/KG	8081	09/28/2007 21:25		TCH
Toxaphene	ND		400		UG/KG	8081	09/28/2007 21:25		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1221	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1232	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1242	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1248	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1254	ND		80		UG/KG	8082	09/27/2007 19:22		DW
Aroclor 1260	ND		80		UG/KG	8082	09/27/2007 19:22		DW

Date: 10/10/2007

NYSDEC

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Time: 10:15:42

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SB-6 4-8

Date Received: 09/26/2007

Lab Sample ID: A7A82812

Project No: NY5A946109

Date Collected: 09/25/2007

Client No: L10190

Time Collected: 16:00

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	6940		12.5	MG/KG	6010	10/03/2007 17:11	
Antimony - Total	26.5	N*	18.8	MG/KG	6010	10/03/2007 17:11	
Arsenic - Total	42.7	N*	2.5	MG/KG	6010	10/03/2007 17:11	
Barium - Total	752		0.63	MG/KG	6010	10/03/2007 17:11	
Beryllium - Total	0.68		0.25	MG/KG	6010	10/03/2007 17:11	
Cadmium - Total	10.0		0.25	MG/KG	6010	10/03/2007 17:11	
Calcium - Total	37000		62.7	MG/KG	6010	10/03/2007 17:11	
Chromium - Total	54.0	N	0.63	MG/KG	6010	10/03/2007 17:11	
Cobalt - Total	8.1		0.63	MG/KG	6010	10/03/2007 17:11	
Copper - Total	670	*	1.3	MG/KG	6010	10/03/2007 17:11	
Iron - Total	40200		12.5	MG/KG	6010	10/03/2007 17:11	
Lead - Total	2170	*	1.3	MG/KG	6010	10/03/2007 17:11	
Magnesium - Total	5270		25.1	MG/KG	6010	10/03/2007 17:11	
Manganese - Total	495		0.25	MG/KG	6010	10/03/2007 17:11	
Mercury - Total	0.765		0.022	MG/KG	7471	09/27/2007 13:29	
Nickel - Total	55.1		0.63	MG/KG	6010	10/03/2007 17:11	
Potassium - Total	604		37.6	MG/KG	6010	10/03/2007 17:11	
Selenium - Total	ND		5.0	MG/KG	6010	10/03/2007 17:11	
Silver - Total	6.7		0.63	MG/KG	6010	10/03/2007 17:11	
Sodium - Total	361		176	MG/KG	6010	10/03/2007 17:11	
Thallium - Total	ND		7.5	MG/KG	6010	10/03/2007 17:11	
Vanadium - Total	23.0		0.63	MG/KG	6010	10/03/2007 17:11	
Zinc - Total	3550		25.1	MG/KG	6010	10/05/2007 10:50	

Chain of
Custody Record

STL-4124 (0901)

Client NYSDC		Project Manager Glenn May		Date 9-25-07	Chain of Custody Number 324602
Address 270 Michigan Ave		Telephone Number (Area Code)/Fax Number 716-851-7220		Lab Number	Page 1 of 1
City Buffalo	State NY	Zip Code 14203	Site Contact G. May	Lab Contact B. Fisher	
Project Name and Location (State) Upper Mtn Road 932112			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.					

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)					Special Instructions/ Conditions of Receipt
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	TAL Metals	RCA Metals	PCBs	Pesticides	TCLP Metals	
SB-1A 0'-4'	9-25-07	1100				X	X						X	X	X	X	X	Hold TCLP Samples!
SB-1B 16'-20'	"	1120				X	X						X	X	X	X	X	pending total
SB-2A 0'-4'	"	1300				X	X						X	X	X	X	X	metals analysis
SB-2B 4'-8'	"	1310				X	X						X	X	X	X	X	
SB-2C 8'-12'	"	1315				X	X						X	X	X	X	X	
SB-2D 12'-16'	"	1325				X	X						X	X	X	X	X	
SB-2E 16'-20'	"	1340				X	X						X	X	X	X	X	
SB-2F 20'-24'	"	1350				X	X						X	X	X	X	X	
SB-2G 24'-28'	"	1415				X	X						X	X	X	X	X	
SB-2H 28'-32'	"	1430				X	X						X	X	X	X	X	
SB-2I 32'-36'	"	1500				X	X						X	X	X	X	X	
SB-6 4'-8'	"	1600				X	X						X	X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
 (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: **10 day**

QC Requirements (Specify)
Cat B.

1. Relinquished By **Glenn M May** Date **9/26/07** Time **0740**
 2. Relinquished By _____ Date _____ Time _____
 3. Relinquished By _____ Date _____ Time _____

Date: 10/11/2007

Time: 14:03:34

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-3A 0'-4'

Lab Sample ID: A7A91009

Date Collected: 09/26/2007

Time Collected: 13:25

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	24		6	UG/KG	8260	10/04/2007 04:20	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,1-Dichloroethane	1	J	6	UG/KG	8260	10/04/2007 04:20	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
2-Butanone	ND		28	UG/KG	8260	10/04/2007 04:20	TRB
2-Hexanone	ND		28	UG/KG	8260	10/04/2007 04:20	TRB
4-Methyl-2-pentanone	ND		28	UG/KG	8260	10/04/2007 04:20	TRB
Acetone	8	J	28	UG/KG	8260	10/04/2007 04:20	TRB
Benzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Bromodichloromethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Bromoform	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Bromomethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Carbon Disulfide	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Chlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Chloroethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Chloroform	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Chloromethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
cis-1,2-Dichloroethene	2	J	6	UG/KG	8260	10/04/2007 04:20	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Cyclohexane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Dibromochloromethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Ethylbenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Isopropylbenzene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Methyl acetate	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Methylcyclohexane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Methylene chloride	170	B	6	UG/KG	8260	10/04/2007 04:20	TRB
Styrene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Tetrachloroethene	2000	E	6	UG/KG	8260	10/04/2007 04:20	TRB
Toluene	4	J	6	UG/KG	8260	10/04/2007 04:20	TRB
Total Xylenes	ND		17	UG/KG	8260	10/04/2007 04:20	TRB
trans-1,2-Dichloroethene	1	J	6	UG/KG	8260	10/04/2007 04:20	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Trichloroethene	840	E	6	UG/KG	8260	10/04/2007 04:20	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	10/04/2007 04:20	TRB
Vinyl chloride	ND		11	UG/KG	8260	10/04/2007 04:20	TRB

Sample ID: SB-3A 0'-4'
Lab Sample ID: A7A91009DL
Date Collected: 09/26/2007
Time Collected: 13:25

Date Received: 09/27/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	3800	DJ	5700		UG/KG	8260	10/09/2007 02:55	ND
1,1,2,2-Tetrachloroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,1,2-Trichloroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,1-Dichloroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,1-Dichloroethene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2,4-Trichlorobenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2-Dibromo-3-chloropropane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2-Dibromoethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2-Dichlorobenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2-Dichloroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,2-Dichloropropane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,3-Dichlorobenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
1,4-Dichlorobenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
2-Butanone	ND		28000		UG/KG	8260	10/09/2007 02:55	ND
2-Hexanone	ND		28000		UG/KG	8260	10/09/2007 02:55	ND
4-Methyl-2-pentanone	ND		28000		UG/KG	8260	10/09/2007 02:55	ND
Acetone	ND		28000		UG/KG	8260	10/09/2007 02:55	ND
Benzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Bromodichloromethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Bromoform	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Bromomethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Carbon Disulfide	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Carbon Tetrachloride	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Chlorobenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Chloroethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Chloroform	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Chloromethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
cis-1,2-Dichloroethene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
cis-1,3-Dichloropropene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Cyclohexane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Dibromochloromethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Dichlorodifluoromethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Ethylbenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Isopropylbenzene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Methyl acetate	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Methyl-t-Butyl Ether (MTBE)	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Methylcyclohexane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Methylene chloride	15000	BD	5700		UG/KG	8260	10/09/2007 02:55	ND
Styrene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Tetrachloroethene	190000	D	5700		UG/KG	8260	10/09/2007 02:55	ND
Toluene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Total Xylenes	ND		17000		UG/KG	8260	10/09/2007 02:55	ND
trans-1,2-Dichloroethene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
trans-1,3-Dichloropropene	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Trichloroethene	48000	D	5700		UG/KG	8260	10/09/2007 02:55	ND
Trichlorofluoromethane	ND		5700		UG/KG	8260	10/09/2007 02:55	ND
Vinyl chloride	ND		11000		UG/KG	8260	10/09/2007 02:55	ND

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 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-3B 4'-8'

Lab Sample ID: A7A91010

Date Collected: 09/26/2007

Time Collected: 13:30

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	15		6	UG/KG	8260	10/04/2007 04:50	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,1-Dichloroethane	1	J	6	UG/KG	8260	10/04/2007 04:50	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
2-Butanone	ND		30	UG/KG	8260	10/04/2007 04:50	TRB
2-Hexanone	ND		30	UG/KG	8260	10/04/2007 04:50	TRB
4-Methyl-2-pentanone	ND		30	UG/KG	8260	10/04/2007 04:50	TRB
Acetone	ND		30	UG/KG	8260	10/04/2007 04:50	TRB
Benzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Bromodichloromethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Bromoform	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Bromomethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Carbon Disulfide	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Chlorobenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Chloroethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Chloroform	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Chloromethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
cis-1,2-Dichloroethene	2	J	6	UG/KG	8260	10/04/2007 04:50	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Cyclohexane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Dibromochloromethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Ethylbenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Isopropylbenzene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Methyl acetate	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Methylcyclohexane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Methylene chloride	95	B	6	UG/KG	8260	10/04/2007 04:50	TRB
Styrene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Tetrachloroethene	1300	E	6	UG/KG	8260	10/04/2007 04:50	TRB
Toluene	4	J	6	UG/KG	8260	10/04/2007 04:50	TRB
Total Xylenes	ND		18	UG/KG	8260	10/04/2007 04:50	TRB
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Trichloroethene	570	E	6	UG/KG	8260	10/04/2007 04:50	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	10/04/2007 04:50	TRB
Vinyl chloride	ND		12	UG/KG	8260	10/04/2007 04:50	TRB

Sample ID: SB-3B 4'-8'

Date Received: 09/27/2007

Lab Sample ID: A7A91010DL

Project No: NY5A946109

Date Collected: 09/26/2007

Client No: L10190

Time Collected: 13:30

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	2100	DJ	2900		UG/KG	8260	10/09/2007 03:18	ND
1,1,2,2-Tetrachloroethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,1,2-Trichloroethane	2000	DJ	2900		UG/KG	8260	10/09/2007 03:18	ND
1,1-Dichloroethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,1-Dichloroethene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2,4-Trichlorobenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2-Dibromo-3-chloropropane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2-Dibromoethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2-Dichlorobenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2-Dichloroethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,2-Dichloropropane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,3-Dichlorobenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
1,4-Dichlorobenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
2-Butanone	ND		14000		UG/KG	8260	10/09/2007 03:18	ND
2-Hexanone	ND		14000		UG/KG	8260	10/09/2007 03:18	ND
4-Methyl-2-pentanone	ND		14000		UG/KG	8260	10/09/2007 03:18	ND
Acetone	ND		14000		UG/KG	8260	10/09/2007 03:18	ND
Benzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Bromodichloromethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Bromoform	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Bromomethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Carbon Disulfide	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Carbon Tetrachloride	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Chlorobenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Chloroethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Chloroform	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Chloromethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
cis-1,2-Dichloroethene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
cis-1,3-Dichloropropene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Cyclohexane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Dibromochloromethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Dichlorodifluoromethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Ethylbenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Isopropylbenzene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Methyl acetate	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Methyl-t-Butyl Ether (MTBE)	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Methylcyclohexane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Methylene chloride	7300	BD	2900		UG/KG	8260	10/09/2007 03:18	ND
Styrene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Tetrachloroethene	91000	D	2900		UG/KG	8260	10/09/2007 03:18	ND
Toluene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Total Xylenes	ND		8700		UG/KG	8260	10/09/2007 03:18	ND
trans-1,2-Dichloroethene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
trans-1,3-Dichloropropene	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Trichloroethene	67000	D	2900		UG/KG	8260	10/09/2007 03:18	ND
Trichlorofluoromethane	ND		2900		UG/KG	8260	10/09/2007 03:18	ND
Vinyl chloride	ND		5800		UG/KG	8260	10/09/2007 03:18	ND

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Sample ID: SB-3 12'-16'

Lab Sample ID: A7A91007

Date Collected: 09/26/2007

Time Collected: 13:50

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
2,2'-Oxybis(1-Chloropropane)	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,4,5-Trichlorophenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,4,6-Trichlorophenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,4-Dichlorophenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,4-Dimethylphenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,4-Dinitrophenol	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
2,4-Dinitrotoluene	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2,6-Dinitrotoluene	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2-Chloronaphthalene	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2-Chlorophenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2-Methylnaphthalene	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2-Methylphenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
2-Nitroaniline	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
2-Nitrophenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
3,3'-Dichlorobenzidine	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
3-Nitroaniline	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
4,6-Dinitro-2-methylphenol	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
4-Bromophenyl phenyl ether	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
4-Chloro-3-methylphenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
4-Chloroaniline	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
4-Chlorophenyl phenyl ether	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
4-Methylphenol	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
4-Nitroaniline	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
4-Nitrophenol	ND		3800		UG/KG	8270	10/02/2007 11:34		RM
Acenaphthene	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Acenaphthylene	140	J	2000		UG/KG	8270	10/02/2007 11:34		RM
Acetophenone	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Anthracene	260	J	2000		UG/KG	8270	10/02/2007 11:34		RM
Atrazine	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzaldehyde	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzo(a)anthracene	4000		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzo(a)pyrene	2400		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzo(b)fluoranthene	4800		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzo(ghi)perylene	2800		2000		UG/KG	8270	10/02/2007 11:34		RM
Benzo(k)fluoranthene	1600	J	2000		UG/KG	8270	10/02/2007 11:34		RM
Biphenyl	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Bis(2-chloroethoxy) methane	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Bis(2-chloroethyl) ether	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Bis(2-ethylhexyl) phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Butyl benzyl phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Caprolactam	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Carbazole	100	J	2000		UG/KG	8270	10/02/2007 11:34		RM
Chrysene	4700		2000		UG/KG	8270	10/02/2007 11:34		RM
Di-n-butyl phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Di-n-octyl phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Dibenzo(a,h)anthracene	840	J	2000		UG/KG	8270	10/02/2007 11:34		RM
Dibenzofuran	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Diethyl phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM
Dimethyl phthalate	ND		2000		UG/KG	8270	10/02/2007 11:34		RM

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Sample ID: SB-3 12'-16'

Lab Sample ID: A7A91007

Date Collected: 09/26/2007

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Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
Fluoranthene	5100		2000	UG/KG	8270	10/02/2007 11:34		RM
Fluorene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Hexachlorobenzene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Hexachlorobutadiene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Hexachlorocyclopentadiene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Hexachloroethane	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Indeno(1,2,3-cd)pyrene	2200		2000	UG/KG	8270	10/02/2007 11:34		RM
Isophorone	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
N-Nitroso-Di-n-propylamine	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
N-nitrosodiphenylamine	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Naphthalene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Nitrobenzene	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Pentachlorophenol	ND		3800	UG/KG	8270	10/02/2007 11:34		RM
Phenanthrene	560	J	2000	UG/KG	8270	10/02/2007 11:34		RM
Phenol	ND		2000	UG/KG	8270	10/02/2007 11:34		RM
Pyrene	4700		2000	UG/KG	8270	10/02/2007 11:34		RM
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)								
4,4'-DDD	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
4,4'-DDE	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
4,4'-DDT	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Aldrin	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
alpha-BHC	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
alpha-Chlordane	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
beta-BHC	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
delta-BHC	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Dieldrin	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endosulfan I	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endosulfan II	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endosulfan Sulfate	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endrin	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endrin aldehyde	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Endrin ketone	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
gamma-BHC (Lindane)	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
gamma-Chlordane	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Heptachlor	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Heptachlor epoxide	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Methoxychlor	ND		40	UG/KG	8081	10/01/2007 22:26		TCH
Toxaphene	ND		780	UG/KG	8081	10/01/2007 22:26		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS								
Aroclor 1016	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1221	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1232	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1242	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1248	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1254	ND		20	UG/KG	8082	10/01/2007 11:07		DW
Aroclor 1260	ND		20	UG/KG	8082	10/01/2007 11:07		DW

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Time: 14:03:34

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-3 12'-16'

Lab Sample ID: A7A91007

Date Collected: 09/26/2007

Time Collected: 13:50

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	6830		12.1	MG/KG	6010	10/03/2007 18:17	
Antimony - Total	ND	N*	18.2	MG/KG	6010	10/03/2007 18:17	
Arsenic - Total	13.4	N*	2.4	MG/KG	6010	10/03/2007 18:17	
Barium - Total	336		0.61	MG/KG	6010	10/03/2007 18:17	
Beryllium - Total	0.69		0.24	MG/KG	6010	10/03/2007 18:17	
Cadmium - Total	3.3		0.24	MG/KG	6010	10/03/2007 18:17	
Calcium - Total	34800		60.7	MG/KG	6010	10/03/2007 18:17	
Chromium - Total	49.1	N	0.61	MG/KG	6010	10/03/2007 18:17	
Cobalt - Total	9.2		0.61	MG/KG	6010	10/03/2007 18:17	
Copper - Total	608	*	1.2	MG/KG	6010	10/03/2007 18:17	
Iron - Total	26100		12.1	MG/KG	6010	10/03/2007 18:17	
Lead - Total	2500	*	1.2	MG/KG	6010	10/03/2007 18:17	
Magnesium - Total	13300		24.3	MG/KG	6010	10/03/2007 18:17	
Manganese - Total	303		0.24	MG/KG	6010	10/03/2007 18:17	
Mercury - Total	0.356		0.021	MG/KG	7471	09/29/2007 12:49	
Nickel - Total	46.5		0.61	MG/KG	6010	10/03/2007 18:17	
Potassium - Total	745		36.4	MG/KG	6010	10/03/2007 18:17	
Selenium - Total	ND		4.9	MG/KG	6010	10/03/2007 18:17	
Silver - Total	4.7		0.61	MG/KG	6010	10/03/2007 18:17	
Sodium - Total	322		170	MG/KG	6010	10/03/2007 18:17	
Thallium - Total	ND		7.3	MG/KG	6010	10/03/2007 18:17	
Vanadium - Total	20.7		0.61	MG/KG	6010	10/03/2007 18:17	
Zinc - Total	938		2.4	MG/KG	6010	10/03/2007 18:17	

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Time: 14:03:34

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-4 8'-12'

Lab Sample ID: A7A91006

Date Collected: 09/26/2007

Time Collected: 12:30

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	7660		12.4	MG/KG	6010	10/03/2007 18:12	
Antimony - Total	36.1	N*	18.6	MG/KG	6010	10/03/2007 18:12	
Arsenic - Total	33.3	N*	2.5	MG/KG	6010	10/03/2007 18:12	
Barium - Total	904		0.62	MG/KG	6010	10/03/2007 18:12	
Beryllium - Total	0.76		0.25	MG/KG	6010	10/03/2007 18:12	
Cadmium - Total	3.8		0.25	MG/KG	6010	10/03/2007 18:12	
Calcium - Total	17100		62.1	MG/KG	6010	10/03/2007 18:12	
Chromium - Total	35.9	N	0.62	MG/KG	6010	10/03/2007 18:12	
Cobalt - Total	10.1		0.62	MG/KG	6010	10/03/2007 18:12	
Copper - Total	494	*	1.2	MG/KG	6010	10/03/2007 18:12	
Iron - Total	45200		12.4	MG/KG	6010	10/03/2007 18:12	
Lead - Total	3060	*	1.2	MG/KG	6010	10/03/2007 18:12	
Magnesium - Total	4320		24.8	MG/KG	6010	10/03/2007 18:12	
Manganese - Total	651		0.25	MG/KG	6010	10/03/2007 18:12	
Mercury - Total	0.370		0.020	MG/KG	7471	09/29/2007 12:48	
Nickel - Total	60.7		0.62	MG/KG	6010	10/03/2007 18:12	
Potassium - Total	1280		37.2	MG/KG	6010	10/03/2007 18:12	
Selenium - Total	5.5		5.0	MG/KG	6010	10/03/2007 18:12	
Silver - Total	3.5		0.62	MG/KG	6010	10/03/2007 18:12	
Sodium - Total	3120		174	MG/KG	6010	10/03/2007 18:12	
Thallium - Total	ND		7.4	MG/KG	6010	10/03/2007 18:12	
Vanadium - Total	20.3		0.62	MG/KG	6010	10/03/2007 18:12	
Zinc - Total	1980		24.8	MG/KG	6010	10/05/2007 07:43	

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NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-5 4'-8'

Lab Sample ID: A7A91001

Date Collected: 09/26/2007

Time Collected: 09:20

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,4,5-Trichlorophenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,4,6-Trichlorophenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,4-Dichlorophenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,4-Dimethylphenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,4-Dinitrophenol	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
2,4-Dinitrotoluene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2,6-Dinitrotoluene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2-Chloronaphthalene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2-Chlorophenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2-Methylnaphthalene	46	J	960	UG/KG	8270	10/01/2007 19:15		MD
2-Methylphenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
2-Nitroaniline	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
2-Nitrophenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
3,3'-Dichlorobenzidine	ND		960	UG/KG	8270	10/01/2007 19:15		MD
3-Nitroaniline	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
4,6-Dinitro-2-methylphenol	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
4-Bromophenyl phenyl ether	ND		960	UG/KG	8270	10/01/2007 19:15		MD
4-Chloro-3-methylphenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
4-Chloroaniline	ND		960	UG/KG	8270	10/01/2007 19:15		MD
4-Chlorophenyl phenyl ether	ND		960	UG/KG	8270	10/01/2007 19:15		MD
4-Methylphenol	ND		960	UG/KG	8270	10/01/2007 19:15		MD
4-Nitroaniline	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
4-Nitrophenol	ND		1900	UG/KG	8270	10/01/2007 19:15		MD
Acenaphthene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Acenaphthylene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Acetophenone	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Anthracene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Atrazine	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Benzaldehyde	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Benzo(a)anthracene	230	J	960	UG/KG	8270	10/01/2007 19:15		MD
Benzo(a)pyrene	96	J	960	UG/KG	8270	10/01/2007 19:15		MD
Benzo(b)fluoranthene	420	J	960	UG/KG	8270	10/01/2007 19:15		MD
Benzo(ghi)perylene	200	J	960	UG/KG	8270	10/01/2007 19:15		MD
Benzo(k)fluoranthene	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Biphenyl	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Bis(2-chloroethoxy) methane	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Bis(2-chloroethyl) ether	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Bis(2-ethylhexyl) phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Butyl benzyl phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Caprolactam	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Carbazole	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Chrysene	280	J	960	UG/KG	8270	10/01/2007 19:15		MD
Di-n-butyl phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Di-n-octyl phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Dibenzo(a,h)anthracene	54	J	960	UG/KG	8270	10/01/2007 19:15		MD
Dibenzofuran	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Diethyl phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD
Dimethyl phthalate	ND		960	UG/KG	8270	10/01/2007 19:15		MD

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-5 4'-8'

Lab Sample ID: A7A91001

Date Collected: 09/26/2007

Time Collected: 09:20

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	280	J	960	UG/KG	8270	10/01/2007 19:15	MD
Fluorene	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Hexachlorobenzene	220	J	960	UG/KG	8270	10/01/2007 19:15	MD
Hexachlorobutadiene	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Hexachlorocyclopentadiene	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Hexachloroethane	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Indeno(1,2,3-cd)pyrene	150	J	960	UG/KG	8270	10/01/2007 19:15	MD
Isophorone	ND		960	UG/KG	8270	10/01/2007 19:15	MD
N-Nitroso-Di-n-propylamine	ND		960	UG/KG	8270	10/01/2007 19:15	MD
N-nitrosodiphenylamine	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Naphthalene	58	J	960	UG/KG	8270	10/01/2007 19:15	MD
Nitrobenzene	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Pentachlorophenol	ND		1900	UG/KG	8270	10/01/2007 19:15	MD
Phenanthrene	130	J	960	UG/KG	8270	10/01/2007 19:15	MD
Phenol	ND		960	UG/KG	8270	10/01/2007 19:15	MD
Pyrene	280	J	960	UG/KG	8270	10/01/2007 19:15	MD
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM							
4,4'-DDD	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
4,4'-DDE	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
4,4'-DDT	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Aldrin	7.6	J	19	UG/KG	8081	10/01/2007 21:13	TCH
alpha-BHC	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
alpha-Chlordane	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
beta-BHC	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
delta-BHC	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Dieldrin	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endosulfan I	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endosulfan II	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endosulfan Sulfate	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endrin	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endrin aldehyde	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Endrin ketone	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
gamma-BHC (Lindane)	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
gamma-Chlordane	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Heptachlor	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Heptachlor epoxide	ND		19	UG/KG	8081	10/01/2007 21:13	TCH
Methoxychlor	61		19	UG/KG	8081	10/01/2007 21:13	TCH
Toxaphene	ND		370	UG/KG	8081	10/01/2007 21:13	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1221	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1232	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1242	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1248	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1254	ND		19	UG/KG	8082	10/01/2007 10:25	DW
Aroclor 1260	ND		19	UG/KG	8082	10/01/2007 10:25	DW

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-5 4'-8'

Lab Sample ID: A7A91001

Date Collected: 09/26/2007

Time Collected: 09:20

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	3040		11.4	MG/KG	6010	10/03/2007 17:17	
Antimony - Total	276	N*	17.1	MG/KG	6010	10/03/2007 17:17	
Arsenic - Total	47.9	N*	2.3	MG/KG	6010	10/03/2007 17:17	
Barium - Total	1650		2.8	MG/KG	6010	10/05/2007 06:59	
Beryllium - Total	0.25		0.23	MG/KG	6010	10/03/2007 17:17	
Cadmium - Total	13.7		0.23	MG/KG	6010	10/03/2007 17:17	
Calcium - Total	17500		56.9	MG/KG	6010	10/03/2007 17:17	
Chromium - Total	113	N	0.57	MG/KG	6010	10/03/2007 17:17	
Cobalt - Total	10.7		0.57	MG/KG	6010	10/03/2007 17:17	
Copper - Total	13400	*	5.7	MG/KG	6010	10/05/2007 06:59	
Iron - Total	115000		56.9	MG/KG	6010	10/05/2007 06:59	
Lead - Total	77300	*	114	MG/KG	6010	10/05/2007 06:54	
Magnesium - Total	3150		22.8	MG/KG	6010	10/03/2007 17:17	
Manganese - Total	610		0.23	MG/KG	6010	10/03/2007 17:17	
Mercury - Total	0.105		0.017	MG/KG	7471	09/29/2007 12:42	
Nickel - Total	336		0.57	MG/KG	6010	10/03/2007 17:17	
Potassium - Total	457		34.1	MG/KG	6010	10/03/2007 17:17	
Selenium - Total	ND		4.6	MG/KG	6010	10/03/2007 17:17	
Silver - Total	8.6		0.57	MG/KG	6010	10/03/2007 17:17	
Sodium - Total	661		159	MG/KG	6010	10/03/2007 17:17	
Thallium - Total	ND		6.8	MG/KG	6010	10/03/2007 17:17	
Vanadium - Total	16.4		0.57	MG/KG	6010	10/03/2007 17:17	
Zinc - Total	14900		228	MG/KG	6010	10/05/2007 06:54	

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Time: 14:03:34

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-7B 4'-5.6'

Lab Sample ID: A7A91002

Date Collected: 09/26/2007

Time Collected: 08:50

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Metals Analysis								
Aluminum - Total	7300		10.8	MG/KG	6010	10/03/2007	17:22	
Antimony - Total	ND	N*	16.2	MG/KG	6010	10/03/2007	17:22	
Arsenic - Total	15.4	N*	2.2	MG/KG	6010	10/03/2007	17:22	
Barium - Total	287		0.54	MG/KG	6010	10/03/2007	17:22	
Beryllium - Total	0.63		0.22	MG/KG	6010	10/03/2007	17:22	
Cadmium - Total	1.2		0.22	MG/KG	6010	10/03/2007	17:22	
Calcium - Total	58300		54.0	MG/KG	6010	10/03/2007	17:22	
Chromium - Total	20.8	N	0.54	MG/KG	6010	10/03/2007	17:22	
Cobalt - Total	8.6		0.54	MG/KG	6010	10/03/2007	17:22	
Copper - Total	208	*	1.1	MG/KG	6010	10/03/2007	17:22	
Iron - Total	36400		10.8	MG/KG	6010	10/03/2007	17:22	
Lead - Total	385	*	1.1	MG/KG	6010	10/03/2007	17:22	
Magnesium - Total	10800		21.6	MG/KG	6010	10/03/2007	17:22	
Manganese - Total	432		0.22	MG/KG	6010	10/03/2007	17:22	
Mercury - Total	0.097		0.019	MG/KG	7471	09/29/2007	12:44	
Nickel - Total	24.6		0.54	MG/KG	6010	10/03/2007	17:22	
Potassium - Total	916		32.4	MG/KG	6010	10/03/2007	17:22	
Selenium - Total	ND		4.3	MG/KG	6010	10/03/2007	17:22	
Silver - Total	ND		0.54	MG/KG	6010	10/03/2007	17:22	
Sodium - Total	378		151	MG/KG	6010	10/03/2007	17:22	
Thallium - Total	ND		6.5	MG/KG	6010	10/03/2007	17:22	
Vanadium - Total	23.5		0.54	MG/KG	6010	10/03/2007	17:22	
Zinc - Total	573		2.2	MG/KG	6010	10/03/2007	17:22	

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Time: 14:03:34

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-8 8'-10.1'
Lab Sample ID: A7A91003
Date Collected: 09/26/2007
Time Collected: 10:10

Date Received: 09/27/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	10100		11.1		MG/KG	6010	10/03/2007 17:27	
Antimony - Total	33.2	N*	16.7		MG/KG	6010	10/03/2007 17:27	
Arsenic - Total	44.5	N*	2.2		MG/KG	6010	10/03/2007 17:27	
Barium - Total	1810		5.6		MG/KG	6010	10/05/2007 07:06	
Beryllium - Total	0.49		0.22		MG/KG	6010	10/03/2007 17:27	
Cadmium - Total	4.9		0.22		MG/KG	6010	10/03/2007 17:27	
Calcium - Total	33600		55.7		MG/KG	6010	10/03/2007 17:27	
Chromium - Total	120	N	0.56		MG/KG	6010	10/03/2007 17:27	
Cobalt - Total	19.7		0.56		MG/KG	6010	10/03/2007 17:27	
Copper - Total	1220	*	1.1		MG/KG	6010	10/03/2007 17:27	
Iron - Total	157000		111		MG/KG	6010	10/05/2007 07:06	
Lead - Total	2110	*	1.1		MG/KG	6010	10/03/2007 17:27	
Magnesium - Total	3180		22.3		MG/KG	6010	10/03/2007 17:27	
Manganese - Total	851		0.22		MG/KG	6010	10/03/2007 17:27	
Mercury - Total	0.430		0.019		MG/KG	7471	09/29/2007 12:45	
Nickel - Total	248		0.56		MG/KG	6010	10/03/2007 17:27	
Potassium - Total	2620		33.4		MG/KG	6010	10/03/2007 17:27	
Selenium - Total	ND		4.5		MG/KG	6010	10/03/2007 17:27	
Silver - Total	7.8		0.56		MG/KG	6010	10/03/2007 17:27	
Sodium - Total	1960		156		MG/KG	6010	10/03/2007 17:27	
Thallium - Total	ND		6.7		MG/KG	6010	10/03/2007 17:27	
Vanadium - Total	23.3		0.56		MG/KG	6010	10/03/2007 17:27	
Zinc - Total	3980		22.3		MG/KG	6010	10/05/2007 07:06	

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Sample ID: SB-9A 4'-8'

Lab Sample ID: A7A91004

Date Collected: 09/26/2007

Time Collected: 10:50

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analized		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
2,2'-Oxybis(1-Chloropropane)	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,4,5-Trichlorophenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,4,6-Trichlorophenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,4-Dichlorophenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,4-Dimethylphenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,4-Dinitrophenol	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
2,4-Dinitrotoluene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2,6-Dinitrotoluene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2-Chloronaphthalene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2-Chlorophenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2-Methylnaphthalene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2-Methylphenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
2-Nitroaniline	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
2-Nitrophenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
3,3'-Dichlorobenzidine	ND		910		UG/KG	8270	10/02/2007 10:26		RM
3-Nitroaniline	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
4,6-Dinitro-2-methylphenol	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
4-Bromophenyl phenyl ether	ND		910		UG/KG	8270	10/02/2007 10:26		RM
4-Chloro-3-methylphenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
4-Chloroaniline	ND		910		UG/KG	8270	10/02/2007 10:26		RM
4-Chlorophenyl phenyl ether	ND		910		UG/KG	8270	10/02/2007 10:26		RM
4-Methylphenol	ND		910		UG/KG	8270	10/02/2007 10:26		RM
4-Nitroaniline	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
4-Nitrophenol	ND		1800		UG/KG	8270	10/02/2007 10:26		RM
Acenaphthene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Acenaphthylene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Acetophenone	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Anthracene	76	J	910		UG/KG	8270	10/02/2007 10:26		RM
Atrazine	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Benzaldehyde	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Benzo(a)anthracene	450	J	910		UG/KG	8270	10/02/2007 10:26		RM
Benzo(a)pyrene	360	J	910		UG/KG	8270	10/02/2007 10:26		RM
Benzo(b)fluoranthene	700	J	910		UG/KG	8270	10/02/2007 10:26		RM
Benzo(ghi)perylene	350	J	910		UG/KG	8270	10/02/2007 10:26		RM
Benzo(k)fluoranthene	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Biphenyl	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Bis(2-chloroethoxy) methane	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Bis(2-chloroethyl) ether	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Bis(2-ethylhexyl) phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Butyl benzyl phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Caprolactam	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Carbazole	43	J	910		UG/KG	8270	10/02/2007 10:26		RM
Chrysene	440	J	910		UG/KG	8270	10/02/2007 10:26		RM
Di-n-butyl phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Di-n-octyl phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Dibenzo(a,h)anthracene	77	J	910		UG/KG	8270	10/02/2007 10:26		RM
Dibenzofuran	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Diethyl phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM
Dimethyl phthalate	ND		910		UG/KG	8270	10/02/2007 10:26		RM

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Sample ID: SB-9A 4'-8'
 Lab Sample ID: A7A91004
 Date Collected: 09/26/2007
 Time Collected: 10:50

Date Received: 09/27/2007
 Project No: NY5A946109
 Client No: L10190
 Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	—Date/Time— Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	730	J	910	UG/KG	8270	10/02/2007 10:26	RM
Fluorene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Hexachlorobenzene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Hexachlorobutadiene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Hexachlorocyclopentadiene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Hexachloroethane	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Indeno(1,2,3-cd)pyrene	250	J	910	UG/KG	8270	10/02/2007 10:26	RM
Isophorone	ND		910	UG/KG	8270	10/02/2007 10:26	RM
N-Nitroso-Di-n-propylamine	ND		910	UG/KG	8270	10/02/2007 10:26	RM
N-nitrosodiphenylamine	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Naphthalene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Nitrobenzene	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Pentachlorophenol	ND		1800	UG/KG	8270	10/02/2007 10:26	RM
Phenanthrene	370	J	910	UG/KG	8270	10/02/2007 10:26	RM
Phenol	ND		910	UG/KG	8270	10/02/2007 10:26	RM
Pyrene	650	J	910	UG/KG	8270	10/02/2007 10:26	RM
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM							
4,4'-DDD	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
4,4'-DDE	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
4,4'-DDT	17	J	18	UG/KG	8081	10/01/2007 21:50	TCH
Aldrin	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
alpha-BHC	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
alpha-Chlordane	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
beta-BHC	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
delta-BHC	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Dieldrin	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endosulfan I	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endosulfan II	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endosulfan Sulfate	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endrin	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endrin aldehyde	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Endrin ketone	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
gamma-BHC (Lindane)	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
gamma-Chlordane	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Heptachlor	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Heptachlor epoxide	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Methoxychlor	ND		18	UG/KG	8081	10/01/2007 21:50	TCH
Toxaphene	ND		360	UG/KG	8081	10/01/2007 21:50	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1221	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1232	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1242	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1248	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1254	ND		18	UG/KG	8082	10/01/2007 10:53	DW
Aroclor 1260	ND		18	UG/KG	8082	10/01/2007 10:53	DW

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-9B 12'-16'

Lab Sample ID: A7A91005

Date Collected: 09/26/2007

Time Collected: 11:15

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	8020		11.1	MG/KG	6010	10/03/2007	18:07
Antimony - Total	ND	N*	16.7	MG/KG	6010	10/03/2007	18:07
Arsenic - Total	29.1	N*	2.2	MG/KG	6010	10/03/2007	18:07
Barium - Total	353		0.56	MG/KG	6010	10/03/2007	18:07
Beryllium - Total	0.74		0.22	MG/KG	6010	10/03/2007	18:07
Cadmium - Total	5.2		0.22	MG/KG	6010	10/03/2007	18:07
Calcium - Total	16800		55.6	MG/KG	6010	10/03/2007	18:07
Chromium - Total	27.2	N	0.56	MG/KG	6010	10/03/2007	18:07
Cobalt - Total	6.9		0.56	MG/KG	6010	10/03/2007	18:07
Copper - Total	192	*	1.1	MG/KG	6010	10/03/2007	18:07
Iron - Total	39700		11.1	MG/KG	6010	10/03/2007	18:07
Lead - Total	1870	*	1.1	MG/KG	6010	10/03/2007	18:07
Magnesium - Total	2330		22.2	MG/KG	6010	10/03/2007	18:07
Manganese - Total	405		0.22	MG/KG	6010	10/03/2007	18:07
Mercury - Total	1.3		0.099	MG/KG	7471	09/29/2007	13:22
Nickel - Total	23.0		0.56	MG/KG	6010	10/03/2007	18:07
Potassium - Total	1100		33.3	MG/KG	6010	10/03/2007	18:07
Selenium - Total	4.5		4.4	MG/KG	6010	10/03/2007	18:07
Silver - Total	0.66		0.56	MG/KG	6010	10/03/2007	18:07
Sodium - Total	377		156	MG/KG	6010	10/03/2007	18:07
Thallium - Total	ND		6.7	MG/KG	6010	10/03/2007	18:07
Vanadium - Total	24.7		0.56	MG/KG	6010	10/03/2007	18:07
Zinc - Total	1070		2.2	MG/KG	6010	10/03/2007	18:07

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NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-10A 0'-4'

Lab Sample ID: A7A91008

Date Collected: 09/26/2007

Time Collected: 14:25

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,4,5-Trichlorophenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,4,6-Trichlorophenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,4-Dichlorophenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,4-Dimethylphenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,4-Dinitrophenol	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
2,4-Dinitrotoluene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2,6-Dinitrotoluene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2-Chloronaphthalene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2-Chlorophenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2-Methylnaphthalene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2-Methylphenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
2-Nitroaniline	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
2-Nitrophenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
3,3'-Dichlorobenzidine	ND		920	UG/KG	8270	10/02/2007 11:56		RM
3-Nitroaniline	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
4,6-Dinitro-2-methylphenol	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
4-Bromophenyl phenyl ether	ND		920	UG/KG	8270	10/02/2007 11:56		RM
4-Chloro-3-methylphenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
4-Chloroaniline	ND		920	UG/KG	8270	10/02/2007 11:56		RM
4-Chlorophenyl phenyl ether	ND		920	UG/KG	8270	10/02/2007 11:56		RM
4-Methylphenol	ND		920	UG/KG	8270	10/02/2007 11:56		RM
4-Nitroaniline	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
4-Nitrophenol	ND		1800	UG/KG	8270	10/02/2007 11:56		RM
Acenaphthene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Acenaphthylene	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Acetophenone	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Anthracene	39	J	920	UG/KG	8270	10/02/2007 11:56		RM
Atrazine	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Benzaldehyde	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Benzo(a)anthracene	440	J	920	UG/KG	8270	10/02/2007 11:56		RM
Benzo(a)pyrene	440	J	920	UG/KG	8270	10/02/2007 11:56		RM
Benzo(b)fluoranthene	800	J	920	UG/KG	8270	10/02/2007 11:56		RM
Benzo(ghi)perylene	480	J	920	UG/KG	8270	10/02/2007 11:56		RM
Benzo(k)fluoranthene	220	J	920	UG/KG	8270	10/02/2007 11:56		RM
Biphenyl	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Bis(2-chloroethoxy) methane	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Bis(2-chloroethyl) ether	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Bis(2-ethylhexyl) phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Butyl benzyl phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Caprolactam	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Carbazole	49	J	920	UG/KG	8270	10/02/2007 11:56		RM
Chrysene	500	J	920	UG/KG	8270	10/02/2007 11:56		RM
Di-n-butyl phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Di-n-octyl phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Dibenzo(a,h)anthracene	110	J	920	UG/KG	8270	10/02/2007 11:56		RM
Dibenzofuran	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Diethyl phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM
Dimethyl phthalate	ND		920	UG/KG	8270	10/02/2007 11:56		RM

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NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Sample ID: SB-10A 0'-4'

Lab Sample ID: A7A91008

Date Collected: 09/26/2007

Time Collected: 14:25

Date Received: 09/27/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	750	J	920	UG/KG	8270	10/02/2007 11:56	RM
Fluorene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Hexachlorobenzene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Hexachlorobutadiene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Hexachlorocyclopentadiene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Hexachloroethane	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Indeno(1,2,3-cd)pyrene	390	J	920	UG/KG	8270	10/02/2007 11:56	RM
Isophorone	ND		920	UG/KG	8270	10/02/2007 11:56	RM
N-Nitroso-Di-n-propylamine	ND		920	UG/KG	8270	10/02/2007 11:56	RM
N-nitrosodiphenylamine	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Naphthalene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Nitrobenzene	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Pentachlorophenol	ND		1800	UG/KG	8270	10/02/2007 11:56	RM
Phenanthrene	270	J	920	UG/KG	8270	10/02/2007 11:56	RM
Phenol	ND		920	UG/KG	8270	10/02/2007 11:56	RM
Pyrene	730	J	920	UG/KG	8270	10/02/2007 11:56	RM
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM							
4,4'-DDD	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
4,4'-DDE	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
4,4'-DDT	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Aldrin	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
alpha-BHC	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
alpha-Chlordane	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
beta-BHC	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
delta-BHC	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Dieldrin	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endosulfan I	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endosulfan II	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endosulfan Sulfate	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endrin	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endrin aldehyde	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Endrin ketone	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
gamma-BHC (Lindane)	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
gamma-Chlordane	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Heptachlor	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Heptachlor epoxide	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Methoxychlor	ND		35	UG/KG	8081	10/02/2007 01:28	TCH
Toxaphene	ND		700	UG/KG	8081	10/02/2007 01:28	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1221	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1232	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1242	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1248	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1254	ND		18	UG/KG	8082	10/01/2007 11:21	DW
Aroclor 1260	ND		18	UG/KG	8082	10/01/2007 11:21	DW

Date: 10/11/2007
Time: 14:03:34

NYSDEC
NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SB-10A 0'-4'
Lab Sample ID: A7A91008
Date Collected: 09/26/2007
Time Collected: 14:25

Date Received: 09/27/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	5110		10.9		MG/KG	6010	10/03/2007 18:23	
Antimony - Total	ND	N*	16.3		MG/KG	6010	10/03/2007 18:23	
Arsenic - Total	5.6	N*	2.2		MG/KG	6010	10/03/2007 18:23	
Barium - Total	149		0.54		MG/KG	6010	10/03/2007 18:23	
Beryllium - Total	0.25		0.22		MG/KG	6010	10/03/2007 18:23	
Cadmium - Total	5.0		0.22		MG/KG	6010	10/03/2007 18:23	
Calcium - Total	9530		54.4		MG/KG	6010	10/03/2007 18:23	
Chromium - Total	29.5	N	0.54		MG/KG	6010	10/03/2007 18:23	
Cobalt - Total	5.1		0.54		MG/KG	6010	10/03/2007 18:23	
Copper - Total	9290	*	10.9		MG/KG	6010	10/05/2007 07:48	
Iron - Total	19200		10.9		MG/KG	6010	10/03/2007 18:23	
Lead - Total	1160	*	1.1		MG/KG	6010	10/03/2007 18:23	
Magnesium - Total	3660		21.8		MG/KG	6010	10/03/2007 18:23	
Manganese - Total	177		0.22		MG/KG	6010	10/03/2007 18:23	
Mercury - Total	0.117		0.018		MG/KG	7471	09/29/2007 12:51	
Nickel - Total	87.5		0.54		MG/KG	6010	10/03/2007 18:23	
Potassium - Total	464		32.6		MG/KG	6010	10/03/2007 18:23	
Selenium - Total	ND		4.4		MG/KG	6010	10/03/2007 18:23	
Silver - Total	6.4		0.54		MG/KG	6010	10/03/2007 18:23	
Sodium - Total	180		152		MG/KG	6010	10/03/2007 18:23	
Thallium - Total	ND		6.5		MG/KG	6010	10/03/2007 18:23	
Vanadium - Total	13.0		0.54		MG/KG	6010	10/03/2007 18:23	
Zinc - Total	2710		21.8		MG/KG	6010	10/05/2007 07:48	

Date: 10/11/2007

NYSDEC

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Time: 14:03:34

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

Rept: AN1178

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Sample ID: SB-10B 12'-16'

Date Received: 09/27/2007

Lab Sample ID: A7A91011

Project No: NY5A946109

Date Collected: 09/26/2007

Client No: L10190

Time Collected: 14:55

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	7420		11.1		MG/KG	6010	10/03/2007 18:28	
Antimony - Total	ND	N*	16.7		MG/KG	6010	10/03/2007 18:28	
Arsenic - Total	37.0	N*	2.2		MG/KG	6010	10/03/2007 18:28	
Barium - Total	720		0.56		MG/KG	6010	10/03/2007 18:28	
Beryllium - Total	0.46		0.22		MG/KG	6010	10/03/2007 18:28	
Cadmium - Total	4.8		0.22		MG/KG	6010	10/03/2007 18:28	
Calcium - Total	40200		55.7		MG/KG	6010	10/03/2007 18:28	
Chromium - Total	51.7	N	0.56		MG/KG	6010	10/03/2007 18:28	
Cobalt - Total	12.4		0.56		MG/KG	6010	10/03/2007 18:28	
Copper - Total	1060	*	1.1		MG/KG	6010	10/03/2007 18:28	
Iron - Total	67600		11.1		MG/KG	6010	10/03/2007 18:28	
Lead - Total	1540	*	1.1		MG/KG	6010	10/03/2007 18:28	
Magnesium - Total	8440		22.3		MG/KG	6010	10/03/2007 18:28	
Manganese - Total	582		0.22		MG/KG	6010	10/03/2007 18:28	
Mercury - Total	5.1		0.204		MG/KG	7471	09/29/2007 13:23	
Nickel - Total	171		0.56		MG/KG	6010	10/03/2007 18:28	
Potassium - Total	1200		33.4		MG/KG	6010	10/03/2007 18:28	
Selenium - Total	ND		4.5		MG/KG	6010	10/03/2007 18:28	
Silver - Total	3.3		0.56		MG/KG	6010	10/03/2007 18:28	
Sodium - Total	494		156		MG/KG	6010	10/03/2007 18:28	
Thallium - Total	ND		6.7		MG/KG	6010	10/03/2007 18:28	
Vanadium - Total	16.5		0.56		MG/KG	6010	10/03/2007 18:28	
Zinc - Total	1810		22.3		MG/KG	6010	10/05/2007 07:53	

Chain of
Custody Record

SEVERN
TRENT
Severn Trent Laboratories, Inc.

STL

STL-4124 (0901)

Client		Project Manager		Date		Chain of Custody Number	
NY SDEC		Glenn May		9-26-07		324601	
Address		Telephone Number (Area Code)/Fax Number		Lab Number		Page 1 of 1	
270 Michigan Ave		716-851-7220					
City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)		
Buffalo	NY	14203	G. May	B. Fischer			
Project Name and Location (State)			Carrier/Waybill Number		Special Instructions/ Conditions of Receipt		
Upper Mtn Road 932112					Hold TCLP bottles pending total metals analysis		
Contract/Purchase Order/Quote No.							

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					8270	8081	8082	TCLP Metals	8260					
			Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH										
SB-5 4'-8'	9/26/07	0910			X	X							X	X	X	X						
SB-7B 4'-5.6'	"	0850			X	X							X	X	X	X						
SB-8 8'-10.1'	"	1010			X	X							X	X	X	X						
SB-9A 4'-8'	"	1050			X	X							X	X	X	X						
SB-9B 12'-16'	"	1115			X	X							X	X	X	X						
SB-4 8'-12'	"	1230			X	X							X	X	X	X						
SB-3 12'-16'	"	1350			X	X							X	X	X	X						
SB-10A 0'-4'	"	1425			X	X							X	X	X	X						
SB-3A 0'-4'	"	1325			X	X							X	X	X	X						
SB-3B 4'-8'	"	1330			X	X							X	X	X	X						
SB-10B 12'-16'	"	1455			X	X							X	X	X	X						

Possible Hazard Identification		Sample Disposal		Disposal By Lab		Archive For		(A fee may be assessed if samples are retained longer than 1 month)			
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☒ Return To Client	☒ Disposal By Lab	☐ Archive For	Months			
Turn Around Time Required		Other 10 day		QC Requirements (Specify)							
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days	☐ 21 Days	☒ Other 10 day	ASP Cat 0					
1. Relinquished By		Date		Time		1. Received By		Date		Time	
Glenn M May		9/27/07		0705		Bull		9/27/07		0705	
2. Relinquished By		Date		Time		2. Received By		Date		Time	
3. Relinquished By		Date		Time		3. Received By		Date		Time	
Comments											

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2-0°C

Date: 10/12/2007

NYSDEC

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Time: 15:31:22

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SB-11 4-8

Date Received: 09/28/2007

Lab Sample ID: A7B02601

Project No: NY5A946109

Date Collected: 09/27/2007

Client No: L10190

Time Collected: 08:50

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	4900		12.8	MG/KG	6010	10/09/2007 16:10	
Antimony - Total	ND		19.2	MG/KG	6010	10/09/2007 16:10	
Arsenic - Total	5.2		2.6	MG/KG	6010	10/09/2007 16:10	
Barium - Total	677		0.64	MG/KG	6010	10/09/2007 16:10	
Beryllium - Total	0.31		0.26	MG/KG	6010	10/09/2007 16:10	
Cadmium - Total	20.9		0.26	MG/KG	6010	10/09/2007 16:10	
Calcium - Total	28700		64.1	MG/KG	6010	10/09/2007 16:10	
Chromium - Total	238		0.64	MG/KG	6010	10/09/2007 16:10	
Cobalt - Total	32.3		0.64	MG/KG	6010	10/09/2007 16:10	
Copper - Total	3910		25.6	MG/KG	6010	10/10/2007 11:08	
Iron - Total	20600		12.8	MG/KG	6010	10/09/2007 16:10	
Lead - Total	6070		1.3	MG/KG	6010	10/09/2007 16:10	
Magnesium - Total	9110		25.6	MG/KG	6010	10/09/2007 16:10	
Manganese - Total	336		0.26	MG/KG	6010	10/09/2007 16:10	
Mercury - Total	5.8		0.215	MG/KG	7471	10/02/2007 19:12	
Nickel - Total	103		0.64	MG/KG	6010	10/09/2007 16:10	
Potassium - Total	657		38.4	MG/KG	6010	10/09/2007 16:10	
Selenium - Total	ND		5.1	MG/KG	6010	10/09/2007 16:10	
Silver - Total	17.4		0.64	MG/KG	6010	10/09/2007 16:10	
Sodium - Total	1720		179	MG/KG	6010	10/09/2007 16:10	
Thallium - Total	ND		7.7	MG/KG	6010	10/09/2007 16:10	
Vanadium - Total	15.3		0.64	MG/KG	6010	10/09/2007 16:10	
Zinc - Total	6740		51.3	MG/KG	6010	10/10/2007 11:08	

Date: 10/12/2007

NYSDEC

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Time: 15:31:22

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

Rept: AN1178

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Sample ID: SB-11B 32-36

Date Received: 09/28/2007

Lab Sample ID: A7B02604

Project No: NY5A946109

Date Collected: 09/27/2007

Client No: L10190

Time Collected: 17:40

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	7230		12.2	MG/KG	6010	10/09/2007	16:22
Antimony - Total	ND		18.4	MG/KG	6010	10/09/2007	16:22
Arsenic - Total	13.6		2.4	MG/KG	6010	10/09/2007	16:22
Barium - Total	772		0.61	MG/KG	6010	10/09/2007	16:22
Beryllium - Total	0.71		0.24	MG/KG	6010	10/09/2007	16:22
Cadmium - Total	6.4		0.24	MG/KG	6010	10/09/2007	16:22
Calcium - Total	27300		61.2	MG/KG	6010	10/09/2007	16:22
Chromium - Total	220		0.61	MG/KG	6010	10/09/2007	16:22
Cobalt - Total	15.6		0.61	MG/KG	6010	10/09/2007	16:22
Copper - Total	1230		1.2	MG/KG	6010	10/09/2007	16:22
Iron - Total	26600		12.2	MG/KG	6010	10/09/2007	16:22
Lead - Total	3920		1.2	MG/KG	6010	10/09/2007	16:22
Magnesium - Total	5700		24.5	MG/KG	6010	10/09/2007	16:22
Manganese - Total	391		0.24	MG/KG	6010	10/09/2007	16:22
Mercury - Total	2.6		0.194	MG/KG	7471	10/02/2007	19:13
Nickel - Total	76.6		0.61	MG/KG	6010	10/09/2007	16:22
Potassium - Total	1100		36.7	MG/KG	6010	10/09/2007	16:22
Selenium - Total	ND		4.9	MG/KG	6010	10/09/2007	16:22
Silver - Total	10.6		0.61	MG/KG	6010	10/09/2007	16:22
Sodium - Total	784		171	MG/KG	6010	10/09/2007	16:22
Thallium - Total	ND		7.3	MG/KG	6010	10/09/2007	16:22
Vanadium - Total	21.2		0.61	MG/KG	6010	10/09/2007	16:22
Zinc - Total	3610		24.5	MG/KG	6010	10/10/2007	11:18

Sample ID: SB-12 16-20
Lab Sample ID: A7802602
Date Collected: 09/27/2007
Time Collected: 15:05

Date Received: 09/28/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,4,5-Trichlorophenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,4,6-Trichlorophenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,4-Dichlorophenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,4-Dimethylphenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,4-Dinitrophenol	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
2,4-Dinitrotoluene	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2,6-Dinitrotoluene	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2-Chloronaphthalene	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2-Chlorophenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2-Methylnaphthalene	71	J	900	UG/KG	8270	10/05/2007 23:25		RM
2-Methylphenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
2-Nitroaniline	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
2-Nitrophenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
3,3'-Dichlorobenzidine	ND		900	UG/KG	8270	10/05/2007 23:25		RM
3-Nitroaniline	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
4,6-Dinitro-2-methylphenol	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
4-Bromophenyl phenyl ether	ND		900	UG/KG	8270	10/05/2007 23:25		RM
4-Chloro-3-methylphenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
4-Chloroaniline	ND		900	UG/KG	8270	10/05/2007 23:25		RM
4-Chlorophenyl phenyl ether	ND		900	UG/KG	8270	10/05/2007 23:25		RM
4-Methylphenol	ND		900	UG/KG	8270	10/05/2007 23:25		RM
4-Nitroaniline	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
4-Nitrophenol	ND		1800	UG/KG	8270	10/05/2007 23:25		RM
Acenaphthene	180	J	900	UG/KG	8270	10/05/2007 23:25		RM
Acenaphthylene	45	J	900	UG/KG	8270	10/05/2007 23:25		RM
Acetophenone	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Anthracene	440	J	900	UG/KG	8270	10/05/2007 23:25		RM
Atrazine	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Benzaldehyde	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Benzo(a)anthracene	1200		900	UG/KG	8270	10/05/2007 23:25		RM
Benzo(a)pyrene	1400		900	UG/KG	8270	10/05/2007 23:25		RM
Benzo(b)fluoranthene	2400		900	UG/KG	8270	10/05/2007 23:25		RM
Benzo(ghi)perylene	1200		900	UG/KG	8270	10/05/2007 23:25		RM
Benzo(k)fluoranthene	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Biphenyl	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Bis(2-chloroethoxy) methane	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Bis(2-chloroethyl) ether	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Bis(2-ethylhexyl) phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Butyl benzyl phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Caprolactam	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Carbazole	150	J	900	UG/KG	8270	10/05/2007 23:25		RM
Chrysene	1100		900	UG/KG	8270	10/05/2007 23:25		RM
Di-n-butyl phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Di-n-octyl phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Dibenzo(a,h)anthracene	340	J	900	UG/KG	8270	10/05/2007 23:25		RM
Dibenzofuran	110	J	900	UG/KG	8270	10/05/2007 23:25		RM
Diethyl phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM
Dimethyl phthalate	ND		900	UG/KG	8270	10/05/2007 23:25		RM

Sample ID: SB-12 16-20

Date Received: 09/28/2007

Lab Sample ID: A7802602

Project No: NY5A946109

Date Collected: 09/27/2007

Client No: L10190

Time Collected: 15:05

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	2000		900	UG/KG	8270	10/05/2007 23:25	RM
Fluorene	160	J	900	UG/KG	8270	10/05/2007 23:25	RM
Hexachlorobenzene	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Hexachlorobutadiene	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Hexachlorocyclopentadiene	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Hexachloroethane	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Indeno(1,2,3-cd)pyrene	980		900	UG/KG	8270	10/05/2007 23:25	RM
Isophorone	ND		900	UG/KG	8270	10/05/2007 23:25	RM
N-Nitroso-Di-n-propylamine	ND		900	UG/KG	8270	10/05/2007 23:25	RM
N-nitrosodiphenylamine	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Naphthalene	170	J	900	UG/KG	8270	10/05/2007 23:25	RM
Nitrobenzene	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Pentachlorophenol	ND		1800	UG/KG	8270	10/05/2007 23:25	RM
Phenanthrene	1500	B	900	UG/KG	8270	10/05/2007 23:25	RM
Phenol	ND		900	UG/KG	8270	10/05/2007 23:25	RM
Pyrene	1600		900	UG/KG	8270	10/05/2007 23:25	RM
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM)							
4,4'-DDD	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
4,4'-DDE	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
4,4'-DDT	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Aldrin	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
alpha-BHC	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
alpha-Chlordane	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
beta-BHC	ND		6.7	UG/KG	8081	10/04/2007 15:54	TCH
delta-BHC	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Dieldrin	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Endosulfan I	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Endosulfan II	3.8	J	11	UG/KG	8081	10/04/2007 15:54	TCH
Endosulfan Sulfate	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Endrin	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Endrin aldehyde	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Endrin ketone	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
gamma-BHC (Lindane)	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
gamma-Chlordane	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Heptachlor	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Heptachlor epoxide	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Methoxychlor	ND		11	UG/KG	8081	10/04/2007 15:54	TCH
Toxaphene	ND		220	UG/KG	8081	10/04/2007 15:54	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1221	ND		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1232	ND		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1242	ND		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1248	36		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1254	36		22	UG/KG	8082	10/03/2007 09:46	GFD
Aroclor 1260	ND		22	UG/KG	8082	10/03/2007 09:46	GFD

Date: 10/12/2007

NYSDEC

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Time: 15:31:22

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SB-12B 20-24

Date Received: 09/28/2007

Lab Sample ID: A7B02603

Project No: NY5A946109

Date Collected: 09/27/2007

Client No: L10190

Time Collected: 15:15

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
Metals Analysis							
Aluminum - Total	8700		11.3	MG/KG	6010	10/09/2007 16:16	
Antimony - Total	ND		17.0	MG/KG	6010	10/09/2007 16:16	
Arsenic - Total	12.9		2.3	MG/KG	6010	10/09/2007 16:16	
Barium - Total	919		0.57	MG/KG	6010	10/09/2007 16:16	
Beryllium - Total	0.43		0.23	MG/KG	6010	10/09/2007 16:16	
Cadmium - Total	2.7		0.23	MG/KG	6010	10/09/2007 16:16	
Calcium - Total	65600		56.6	MG/KG	6010	10/09/2007 16:16	
Chromium - Total	41.7		0.57	MG/KG	6010	10/09/2007 16:16	
Cobalt - Total	8.9		0.57	MG/KG	6010	10/09/2007 16:16	
Copper - Total	709		1.1	MG/KG	6010	10/09/2007 16:16	
Iron - Total	30000		11.3	MG/KG	6010	10/09/2007 16:16	
Lead - Total	1650		1.1	MG/KG	6010	10/09/2007 16:16	
Magnesium - Total	6530		22.6	MG/KG	6010	10/09/2007 16:16	
Manganese - Total	523		0.23	MG/KG	6010	10/09/2007 16:16	
Mercury - Total	0.898		0.020	MG/KG	7471	10/02/2007 18:09	
Nickel - Total	48.6		0.57	MG/KG	6010	10/09/2007 16:16	
Potassium - Total	1670		33.9	MG/KG	6010	10/09/2007 16:16	
Selenium - Total	ND		4.5	MG/KG	6010	10/09/2007 16:16	
Silver - Total	4.3		0.57	MG/KG	6010	10/09/2007 16:16	
Sodium - Total	1560		158	MG/KG	6010	10/09/2007 16:16	
Thallium - Total	ND		6.8	MG/KG	6010	10/09/2007 16:16	
Vanadium - Total	18.9		0.57	MG/KG	6010	10/09/2007 16:16	
Zinc - Total	2190		22.6	MG/KG	6010	10/10/2007 11:13	

Date: 10/12/2007

NYSDEC

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Time: 15:31:22

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SB-13 12-16

Date Received: 09/28/2007

Lab Sample ID: A7B02605

Project No: NY5A946109

Date Collected: 09/28/2007

Client No: L10190

Time Collected: 08:35

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	—Date/Time— Analyzed	Analyst
Metals Analysis							
Aluminum - Total	10200		11.7	MG/KG	6010	10/09/2007 16:27	
Antimony - Total	ND		17.6	MG/KG	6010	10/09/2007 16:27	
Arsenic - Total	32.1		2.3	MG/KG	6010	10/09/2007 16:27	
Barium - Total	1560		5.9	MG/KG	6010	10/10/2007 11:23	
Beryllium - Total	0.77		0.23	MG/KG	6010	10/09/2007 16:27	
Cadmium - Total	5.2		0.23	MG/KG	6010	10/09/2007 16:27	
Calcium - Total	23900		58.5	MG/KG	6010	10/09/2007 16:27	
Chromium - Total	28.1		0.59	MG/KG	6010	10/09/2007 16:27	
Cobalt - Total	9.0		0.59	MG/KG	6010	10/09/2007 16:27	
Copper - Total	359		1.2	MG/KG	6010	10/09/2007 16:27	
Iron - Total	17800		11.7	MG/KG	6010	10/09/2007 16:27	
Lead - Total	1540		1.2	MG/KG	6010	10/09/2007 16:27	
Magnesium - Total	5760		23.4	MG/KG	6010	10/09/2007 16:27	
Manganese - Total	1480		0.23	MG/KG	6010	10/09/2007 16:27	
Mercury - Total	0.175		0.021	MG/KG	7471	10/02/2007 18:12	
Nickel - Total	25.6		0.59	MG/KG	6010	10/09/2007 16:27	
Potassium - Total	1570		35.1	MG/KG	6010	10/09/2007 16:27	
Selenium - Total	ND		4.7	MG/KG	6010	10/09/2007 16:27	
Silver - Total	1.7		0.59	MG/KG	6010	10/09/2007 16:27	
Sodium - Total	927		164	MG/KG	6010	10/09/2007 16:27	
Thallium - Total	ND		7.0	MG/KG	6010	10/09/2007 16:27	
Vanadium - Total	31.9		0.59	MG/KG	6010	10/09/2007 16:27	
Zinc - Total	2910		23.4	MG/KG	6010	10/10/2007 11:23	

Date: 10/12/2007

NYSDEC

Page: 7

Time: 15:31:22

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Rept: AN1178

Sample ID: SB-14 8-12

Date Received: 09/28/2007

Lab Sample ID: A7B02606

Project No: NY5A946109

Date Collected: 09/28/2007

Client No: L10190

Time Collected: 09:30

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	5370		10.9	MG/KG	6010	10/09/2007 16:32	
Antimony - Total	ND		16.4	MG/KG	6010	10/09/2007 16:32	
Arsenic - Total	10.4		2.2	MG/KG	6010	10/09/2007 16:32	
Barium - Total	290		0.55	MG/KG	6010	10/09/2007 16:32	
Beryllium - Total	0.49		0.22	MG/KG	6010	10/09/2007 16:32	
Cadmium - Total	0.52		0.22	MG/KG	6010	10/09/2007 16:32	
Calcium - Total	7740		54.6	MG/KG	6010	10/09/2007 16:32	
Chromium - Total	8.8		0.55	MG/KG	6010	10/09/2007 16:32	
Cobalt - Total	4.4		0.55	MG/KG	6010	10/09/2007 16:32	
Copper - Total	125		1.1	MG/KG	6010	10/09/2007 16:32	
Iron - Total	5150		10.9	MG/KG	6010	10/09/2007 16:32	
Lead - Total	150		1.1	MG/KG	6010	10/09/2007 16:32	
Magnesium - Total	927		21.9	MG/KG	6010	10/09/2007 16:32	
Manganese - Total	91.2		0.22	MG/KG	6010	10/09/2007 16:32	
Mercury - Total	0.321		0.019	MG/KG	7471	10/02/2007 18:14	
Nickel - Total	28.9		0.55	MG/KG	6010	10/09/2007 16:32	
Potassium - Total	660		32.8	MG/KG	6010	10/09/2007 16:32	
Selenium - Total	ND		4.4	MG/KG	6010	10/09/2007 16:32	
Silver - Total	ND		0.55	MG/KG	6010	10/09/2007 16:32	
Sodium - Total	259		153	MG/KG	6010	10/09/2007 16:32	
Thallium - Total	ND		6.6	MG/KG	6010	10/09/2007 16:32	
Vanadium - Total	22.2		0.55	MG/KG	6010	10/09/2007 16:32	
Zinc - Total	649		2.2	MG/KG	6010	10/09/2007 16:32	

Chain of
Custody Record

STL-4124 (0901)

Client

NYSDEC

270 Michigan Ave

Buffalo

NY

14203

Project Manager

Glenn May

Telephone Number (Area Code)/Fax Number

716-851-7220

Date

9-27-07

Chain of Custody Number

324918

Address

270 Michigan Ave

City

Buffalo

State

NY

Zip Code

14203

Project Name and Location (State)

Upper Mtn Rd, 932112

Contract/Purchase Order/Quote No.

Site Contact

G. May

Lab Contact

B. Fischer

Carrier/Maybill Number

Analysis (Attach list if more space is needed)

8270

8081

8082

TAL Metals

TCLP Metals

Containers & Preservatives

Unpres.

H2SO4

HNO3

HCl

NaOH

ZnAc

Matrix

Air

Aqueous

Sed.

Soil

Sample I.D. No. and Description (Containers for each sample may be combined on one line)

SB-11

4'-8'

9/27/07

0850

SB-12

16'-20'

"

1505

SB-12B

20'-24'

"

1515

SB-11B

32'-36'

"

1740

SB-13

12'-16'

9/28/07

0835

SB-14

8'-12'

"

0930

Time

Date

Special Instructions/Conditions of Receipt

Hold TCLP

bottles pending total metals analysis

Possible Hazard Identification

☐ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☒ Unknown

☐ Return To Client

☒ Disposal By Lab

☐ Archive For

Months

Sample Disposal

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours

☐ 48 Hours

☐ 7 Days

☐ 14 Days

☐ 21 Days

☒ Other 10 day

QC Requirements (Specify)

Cat B

1. Relinquished By

Glenn M May

Date

9/28/07

Time

1100

2. Relinquished By

Date

Time

3. Relinquished By

Date

Time

Comments

SURFACE WATER

Sample ID: SW-1

Lab Sample ID: A7647704

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC - AQUEOUS-SW8463 TCL 8260								
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,1-Dichloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,1-Dichloroethene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2-Dibromoethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2-Dichloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,2-Dichloropropane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
2-Butanone	ND		5.0	UG/L	8260	06/21/2007 06:22		JLG
2-Hexanone	ND		5.0	UG/L	8260	06/21/2007 06:22		JLG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	06/21/2007 06:22		JLG
Acetone	ND		5.0	UG/L	8260	06/21/2007 06:22		JLG
Benzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Bromodichloromethane	2.9		1.0	UG/L	8260	06/21/2007 06:22		JLG
Bromoform	0.30	J	1.0	UG/L	8260	06/21/2007 06:22		JLG
Bromomethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Carbon Disulfide	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Carbon Tetrachloride	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Chlorobenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Chloroethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Chloroform	11		1.0	UG/L	8260	06/21/2007 06:22		JLG
Chloromethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
cis-1,2-Dichloroethene	5.0		1.0	UG/L	8260	06/21/2007 06:22		JLG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Cyclohexane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Dibromochloromethane	1.3		1.0	UG/L	8260	06/21/2007 06:22		JLG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Ethylbenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Isopropylbenzene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Methyl acetate	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Methylcyclohexane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Methylene chloride	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Styrene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Tetrachloroethene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Toluene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Total Xylenes	ND		3.0	UG/L	8260	06/21/2007 06:22		JLG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Trichloroethene	20		1.0	UG/L	8260	06/21/2007 06:22		JLG
Trichlorofluoromethane	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG
Vinyl chloride	ND		1.0	UG/L	8260	06/21/2007 06:22		JLG

Date: 06/25/2007

Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 6

Rept: AN1178

Sample ID: SW-1

Lab Sample ID: A7647704

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC - AQ-SW8463 8270-TCL SVOA ORGANICS (4.									
2,2'-Oxybis(1-Chloropropane)	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,4,5-Trichlorophenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,4,6-Trichlorophenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,4-Dichlorophenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,4-Dimethylphenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,4-Dinitrophenol	ND		10		UG/L	8270	06/15/2007 10:34		MD
2,4-Dinitrotoluene	ND		5		UG/L	8270	06/15/2007 10:34		MD
2,6-Dinitrotoluene	ND		5		UG/L	8270	06/15/2007 10:34		MD
2-Chloronaphthalene	ND		5		UG/L	8270	06/15/2007 10:34		MD
2-Chlorophenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2-Methylnaphthalene	ND		5		UG/L	8270	06/15/2007 10:34		MD
2-Methylphenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
2-Nitroaniline	ND		10		UG/L	8270	06/15/2007 10:34		MD
2-Nitrophenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
3,3'-Dichlorobenzidine	ND		5		UG/L	8270	06/15/2007 10:34		MD
3-Nitroaniline	ND		10		UG/L	8270	06/15/2007 10:34		MD
4,6-Dinitro-2-methylphenol	ND		10		UG/L	8270	06/15/2007 10:34		MD
4-Bromophenyl phenyl ether	ND		5		UG/L	8270	06/15/2007 10:34		MD
4-Chloro-3-methylphenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
4-Chloroaniline	ND		5		UG/L	8270	06/15/2007 10:34		MD
4-Chlorophenyl phenyl ether	ND		5		UG/L	8270	06/15/2007 10:34		MD
4-Methylphenol	ND		5		UG/L	8270	06/15/2007 10:34		MD
4-Nitroaniline	ND		10		UG/L	8270	06/15/2007 10:34		MD
4-Nitrophenol	ND		10		UG/L	8270	06/15/2007 10:34		MD
Acenaphthene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Acenaphthylene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Acetophenone	ND		5		UG/L	8270	06/15/2007 10:34		MD
Anthracene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Atrazine	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzaldehyde	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzo(a)anthracene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzo(a)pyrene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzo(b)fluoranthene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzo(ghi)perylene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Benzo(k)fluoranthene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Biphenyl	ND		5		UG/L	8270	06/15/2007 10:34		MD
Bis(2-chloroethoxy) methane	ND		5		UG/L	8270	06/15/2007 10:34		MD
Bis(2-chloroethyl) ether	ND		5		UG/L	8270	06/15/2007 10:34		MD
Bis(2-ethylhexyl) phthalate	4	BJ	5		UG/L	8270	06/15/2007 10:34		MD
Butyl benzyl phthalate	2	J	5		UG/L	8270	06/15/2007 10:34		MD
Caprolactam	ND		5		UG/L	8270	06/15/2007 10:34		MD
Carbazole	ND		5		UG/L	8270	06/15/2007 10:34		MD
Chrysene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Di-n-butyl phthalate	ND		5		UG/L	8270	06/15/2007 10:34		MD
Di-n-octyl phthalate	4	J	5		UG/L	8270	06/15/2007 10:34		MD
Dibenzo(a,h)anthracene	ND		5		UG/L	8270	06/15/2007 10:34		MD
Dibenzofuran	ND		5		UG/L	8270	06/15/2007 10:34		MD
Diethyl phthalate	ND		5		UG/L	8270	06/15/2007 10:34		MD
Dimethyl phthalate	ND		5		UG/L	8270	06/15/2007 10:34		MD

STL Buffalo

Date: 06/25/2007

Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 7

Rept: AN1178

Sample ID: SW-1

Lab Sample ID: A7647704

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC - AQ-SW8463 8270-TCL SVOA ORGANICS (4.								
Fluoranthene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Fluorene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Hexachlorobenzene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Hexachlorobutadiene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Hexachlorocyclopentadiene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Hexachloroethane	ND		5	UG/L	8270	06/15/2007 10:34		MD
Indeno(1,2,3-cd)pyrene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Isophorone	ND		5	UG/L	8270	06/15/2007 10:34		MD
N-Nitroso-Di-n-propylamine	ND		5	UG/L	8270	06/15/2007 10:34		MD
N-nitrosodiphenylamine	ND		5	UG/L	8270	06/15/2007 10:34		MD
Naphthalene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Nitrobenzene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Pentachlorophenol	ND		10	UG/L	8270	06/15/2007 10:34		MD
Phenanthrene	ND		5	UG/L	8270	06/15/2007 10:34		MD
Phenol	ND		5	UG/L	8270	06/15/2007 10:34		MD
Pyrene	ND		5	UG/L	8270	06/15/2007 10:34		MD
NYSDEC - AQUEOUS-SW8463 8081 - TCL PESTICIDES								
4,4'-DDD	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
4,4'-DDE	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
4,4'-DDT	0.039	J	0.047	UG/L	8081	06/14/2007 14:57		TCH
Aldrin	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
alpha-BHC	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
alpha-Chlordane	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
beta-BHC	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
delta-BHC	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Dieldrin	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Endosulfan I	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Endosulfan II	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Endosulfan Sulfate	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Endrin	0.014	J	0.047	UG/L	8081	06/14/2007 14:57		TCH
Endrin aldehyde	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Endrin ketone	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
gamma-BHC (Lindane)	0.016	J	0.047	UG/L	8081	06/14/2007 14:57		TCH
gamma-Chlordane	0.013	J	0.047	UG/L	8081	06/14/2007 14:57		TCH
Heptachlor	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Heptachlor epoxide	0.16		0.047	UG/L	8081	06/14/2007 14:57		TCH
Methoxychlor	ND		0.047	UG/L	8081	06/14/2007 14:57		TCH
Toxaphene	ND		0.95	UG/L	8081	06/14/2007 14:57		TCH
NYSDEC-AQ-SW8463 8082 - PCBS								
Aroclor 1016	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1221	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1232	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1242	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1248	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1254	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD
Aroclor 1260	ND		0.47	UG/L	8082	06/15/2007 21:35		GFD

Date: 06/25/2007

Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 8

Rept: AN1178

Sample ID: SW-1

Lab Sample ID: A7647704

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
Metals Analysis								
Aluminum - Total	ND		200		UG/L	6010	06/15/2007 16:14	
Antimony - Total	ND		20.0		UG/L	6010	06/15/2007 16:14	
Arsenic - Total	ND		10.0		UG/L	6010	06/15/2007 16:14	
Barium - Total	57.9		2.0		UG/L	6010	06/15/2007 16:14	
Beryllium - Total	ND		2.0		UG/L	6010	06/15/2007 16:14	
Cadmium - Total	ND		1.0		UG/L	6010	06/15/2007 16:14	
Calcium - Total	81000		500		UG/L	6010	06/15/2007 16:14	
Chromium - Total	ND		4.0		UG/L	6010	06/15/2007 16:14	
Cobalt - Total	ND		4.0		UG/L	6010	06/15/2007 16:14	
Copper - Total	ND		10.0		UG/L	6010	06/15/2007 16:14	
Iron - Total	99.2		50.0		UG/L	6010	06/15/2007 16:14	
Lead - Total	ND		5.0		UG/L	6010	06/15/2007 16:14	
Magnesium - Total	21700		200		UG/L	6010	06/15/2007 16:14	
Manganese - Total	5.6		3.0		UG/L	6010	06/15/2007 16:14	
Mercury - Total	ND		0.200		UG/L	7470	06/13/2007 09:28	
Nickel - Total	ND		10.0		UG/L	6010	06/15/2007 16:14	
Potassium - Total	2380		500		UG/L	6010	06/15/2007 16:14	
Selenium - Total	ND		15.0		UG/L	6010	06/15/2007 16:14	
Silver - Total	ND		3.0		UG/L	6010	06/15/2007 16:14	
Sodium - Total	286000		1000		UG/L	6010	06/15/2007 16:14	
Thallium - Total	ND		20.0		UG/L	6010	06/15/2007 16:14	
Vanadium - Total	ND		5.0		UG/L	6010	06/15/2007 16:14	
Zinc - Total	11.1		10.0		UG/L	6010	06/15/2007 16:14	

**SEVERN
TRENT**
STL
Severn Trent Laboratories, Inc.

Client	NYS DEC	Project Manager	Glenn May	Date	6-11-07	Chain of Custody Number	324605
Address	270 Michigan Ave	Telephone Number (Area Code)/Fax Number	716-851-7220	Lab Number	---	Page	1 of 1

370 Michigan Ave
716 - 851-7220

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if available)

[illegible][illegible]

0	0	2	2	1	0	0	0
Contract/Buy Order/Quote No.							
Old Upper Mt W Road;							
432112							

Containers & Preservatives

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

$w = 1, y = 13$

[illegible][illegible]

[illegible][illegible][illegible][illegible]

Possible Hazard Identification	Sample Disposal	(A fee may be assessed if samples are retained)
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☒ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☒ Unknown	☐ Return To Client	☒ Disposal By Lab	☐ Archive For _____ Months	☐ Archive For _____ Months longer than 1 month)
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Turn Around Time Required	QC Requirements (Specify)
1	1
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100	100

1 Received By		Date	Time
1	Belin/Unpublished Bv		
24 Hours	48 Hours	7 Days	14 Days
21 Days	Other	10 days	

Signature	Date	Time	Received by
<i>[Signature]</i>	6/11/67	14:30	<i>[Signature]</i>
<i>[Signature]</i>	6/11/67	14:30	<i>[Signature]</i>

2. Relinquished By	Date	Time	2. Received By	Date	Time

[illegible]

3. Relinquished By	Date	Time	3. Received By	Date	Time

[illegible]

7.600

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Sample ID: SW-2

Date Received: 06/13/2007

Lab Sample ID: A7660302

Project No: NY5A946109

Date Collected: 06/13/2007

Client No: L10190

Time Collected: 10:30

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
NYSDEC - AQUEOUS-SW8463 TCL 8260							
1,1,1-Trichloroethane	1.3		1.0	UG/L	8260	06/26/2007 05:49	ND
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,1-Dichloroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,1-Dichloroethene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2-Dibromoethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2-Dichloroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,2-Dichloropropane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
2-Butanone	ND		5.0	UG/L	8260	06/26/2007 05:49	ND
2-Hexanone	ND		5.0	UG/L	8260	06/26/2007 05:49	ND
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	06/26/2007 05:49	ND
Acetone	ND		5.0	UG/L	8260	06/26/2007 05:49	ND
Benzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Bromodichloromethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Bromoform	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Bromomethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Carbon Disulfide	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Carbon Tetrachloride	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Chlorobenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Chloroethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Chloroform	1.9		1.0	UG/L	8260	06/26/2007 05:49	ND
Chloromethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
cis-1,2-Dichloroethene	10		1.0	UG/L	8260	06/26/2007 05:49	ND
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Cyclohexane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Dibromochloromethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Dichlorodifluoromethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Ethylbenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Isopropylbenzene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Methyl acetate	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Methylcyclohexane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Methylene chloride	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Styrene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Tetrachloroethene	5.8		1.0	UG/L	8260	06/26/2007 05:49	ND
Toluene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Total Xylenes	ND		3.0	UG/L	8260	06/26/2007 05:49	ND
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Trichloroethene	12		1.0	UG/L	8260	06/26/2007 05:49	ND
Trichlorofluoromethane	ND		1.0	UG/L	8260	06/26/2007 05:49	ND
Vinyl chloride	ND		1.0	UG/L	8260	06/26/2007 05:49	ND

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 6

Rept: AN1178

Sample ID: SW-2

Lab Sample ID: A7660302

Date Collected: 06/13/2007

Time Collected: 10:30

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC - AQ-SW8463 8270-TCL SVOA ORGANICS (4.									
2,2'-Oxybis(1-Chloropropane)	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,4,5-Trichlorophenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,4,6-Trichlorophenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,4-Dichlorophenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,4-Dimethylphenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,4-Dinitrophenol	ND		10		UG/L	8270	06/21/2007 19:08		MD
2,4-Dinitrotoluene	ND		5		UG/L	8270	06/21/2007 19:08		MD
2,6-Dinitrotoluene	ND		5		UG/L	8270	06/21/2007 19:08		MD
2-Chloronaphthalene	ND		5		UG/L	8270	06/21/2007 19:08		MD
2-Chlorophenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2-Methylnaphthalene	ND		5		UG/L	8270	06/21/2007 19:08		MD
2-Methylphenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
2-Nitroaniline	ND		10		UG/L	8270	06/21/2007 19:08		MD
2-Nitrophenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
3,3'-Dichlorobenzidine	ND		5		UG/L	8270	06/21/2007 19:08		MD
3-Nitroaniline	ND		10		UG/L	8270	06/21/2007 19:08		MD
4,6-Dinitro-2-methylphenol	ND		10		UG/L	8270	06/21/2007 19:08		MD
4-Bromophenyl phenyl ether	ND		5		UG/L	8270	06/21/2007 19:08		MD
4-Chloro-3-methylphenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
4-Chloroaniline	ND		5		UG/L	8270	06/21/2007 19:08		MD
4-Chlorophenyl phenyl ether	ND		5		UG/L	8270	06/21/2007 19:08		MD
4-Methylphenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
4-Nitroaniline	ND		10		UG/L	8270	06/21/2007 19:08		MD
4-Nitrophenol	ND		10		UG/L	8270	06/21/2007 19:08		MD
Acenaphthene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Acenaphthylene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Acetophenone	ND		5		UG/L	8270	06/21/2007 19:08		MD
Anthracene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Atrazine	ND		5		UG/L	8270	06/21/2007 19:08		MD
Benzaldehyde	ND		5		UG/L	8270	06/21/2007 19:08		MD
Benzo(a)anthracene	0.3	J	5		UG/L	8270	06/21/2007 19:08		MD
Benzo(a)pyrene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Benzo(b)fluoranthene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Benzo(ghi)perylene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Benzo(k)fluoranthene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Biphenyl	ND		5		UG/L	8270	06/21/2007 19:08		MD
Bis(2-chloroethoxy) methane	ND		5		UG/L	8270	06/21/2007 19:08		MD
Bis(2-chloroethyl) ether	ND		5		UG/L	8270	06/21/2007 19:08		MD
Bis(2-ethylhexyl) phthalate	5	B	5		UG/L	8270	06/21/2007 19:08		MD
Butyl benzyl phthalate	2	BJ	5		UG/L	8270	06/21/2007 19:08		MD
Caprolactam	ND		5		UG/L	8270	06/21/2007 19:08		MD
Carbazole	ND		5		UG/L	8270	06/21/2007 19:08		MD
Chrysene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Di-n-butyl phthalate	ND		5		UG/L	8270	06/21/2007 19:08		MD
Di-n-octyl phthalate	4	BJ	5		UG/L	8270	06/21/2007 19:08		MD
Dibenzo(a,h)anthracene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Dibenzofuran	ND		5		UG/L	8270	06/21/2007 19:08		MD
Diethyl phthalate	ND		5		UG/L	8270	06/21/2007 19:08		MD
Dimethyl phthalate	ND		5		UG/L	8270	06/21/2007 19:08		MD

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SW-2
Lab Sample ID: A7660302
Date Collected: 06/13/2007
Time Collected: 10:30Date Received: 06/13/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC - AQ-SW8463 8270-TCL SVOA ORGANICS (4.									
Fluoranthene	0.4	J	5		UG/L	8270	06/21/2007 19:08		MD
Fluorene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Hexachlorobenzene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Hexachlorobutadiene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Hexachlorocyclopentadiene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Hexachloroethane	ND		5		UG/L	8270	06/21/2007 19:08		MD
Indeno(1,2,3-cd)pyrene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Isophorone	ND		5		UG/L	8270	06/21/2007 19:08		MD
N-Nitroso-Di-n-propylamine	ND		5		UG/L	8270	06/21/2007 19:08		MD
N-nitrosodiphenylamine	ND		5		UG/L	8270	06/21/2007 19:08		MD
Naphthalene	0.2	J	5		UG/L	8270	06/21/2007 19:08		MD
Nitrobenzene	ND		5		UG/L	8270	06/21/2007 19:08		MD
Pentachlorophenol	ND		10		UG/L	8270	06/21/2007 19:08		MD
Phenanthrene	0.2	J	5		UG/L	8270	06/21/2007 19:08		MD
Phenol	ND		5		UG/L	8270	06/21/2007 19:08		MD
Pyrene	0.3	J	5		UG/L	8270	06/21/2007 19:08		MD
NYSDEC - AQUEOUS-SW8463 8081 - TCL PESTICIDES									
4,4'-DDD	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
4,4'-DDE	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
4,4'-DDT	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Aldrin	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
alpha-BHC	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
alpha-Chlordane	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
beta-BHC	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
delta-BHC	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Dieldrin	0.021	J	0.049		UG/L	8081	06/16/2007 01:41		TCH
Endosulfan I	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Endosulfan II	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Endosulfan Sulfate	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Endrin	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Endrin aldehyde	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Endrin ketone	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
gamma-BHC (Lindane)	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
gamma-Chlordane	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Heptachlor	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Heptachlor epoxide	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Methoxychlor	ND		0.049		UG/L	8081	06/16/2007 01:41		TCH
Toxaphene	ND		0.98		UG/L	8081	06/16/2007 01:41		TCH
NYSDEC-AQ-SW8463 8082 - PCBS									
Aroclor 1016	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1221	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1232	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1242	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1248	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1254	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD
Aroclor 1260	ND		0.49		UG/L	8082	06/15/2007 16:13		GFD

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SW-2

Lab Sample ID: A7660302

Date Collected: 06/13/2007

Time Collected: 10:30

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	
			Limit			Analyzed	Analyst
Metals Analysis							
Aluminum - Total	1870		200	UG/L	6010	06/20/2007 00:49	
Antimony - Total	ND		20.0	UG/L	6010	06/20/2007 00:49	
Arsenic - Total	ND		10.0	UG/L	6010	06/20/2007 00:49	
Barium - Total	77.7		2.0	UG/L	6010	06/20/2007 00:49	
Beryllium - Total	ND		2.0	UG/L	6010	06/20/2007 00:49	
Cadmium - Total	ND		1.0	UG/L	6010	06/20/2007 00:49	
Calcium - Total	100000		500	UG/L	6010	06/20/2007 00:49	
Chromium - Total	5.2		4.0	UG/L	6010	06/20/2007 00:49	
Cobalt - Total	ND		4.0	UG/L	6010	06/20/2007 00:49	
Copper - Total	87.9		10.0	UG/L	6010	06/20/2007 00:49	
Iron - Total	2700		50.0	UG/L	6010	06/20/2007 00:49	
Lead - Total	57.2		5.0	UG/L	6010	06/20/2007 00:49	
Magnesium - Total	32000		200	UG/L	6010	06/20/2007 00:49	
Manganese - Total	76.4		3.0	UG/L	6010	06/20/2007 00:49	
Mercury - Total	ND		0.200	UG/L	7470	06/19/2007 12:05	
Nickel - Total	ND		10.0	UG/L	6010	06/20/2007 00:49	
Potassium - Total	7770		500	UG/L	6010	06/20/2007 00:49	
Selenium - Total	ND		15.0	UG/L	6010	06/20/2007 00:49	
Silver - Total	ND		3.0	UG/L	6010	06/20/2007 00:49	
Sodium - Total	216000		1000	UG/L	6010	06/20/2007 00:49	
Thallium - Total	ND		20.0	UG/L	6010	06/20/2007 13:56	
Vanadium - Total	ND		5.0	UG/L	6010	06/20/2007 00:49	
Zinc - Total	272		10.0	UG/L	6010	06/20/2007 00:49	

SEDIMENT

Date: 06/25/2007

NYSDEC

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Time: 09:46:11

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

Rept: AN1178

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Sample ID: SED-1

Date Received: 06/11/2007

Lab Sample ID: A7647703

Project No: NY5A946109

Date Collected: 06/11/2007

Client No: L10190

Time Collected: 11:45

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,1,2,2-Tetrachloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,1,2-Trichloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,1-Dichloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,1-Dichloroethene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2,4-Trichlorobenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2-Dibromo-3-chloropropane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2-Dibromoethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2-Dichlorobenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2-Dichloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,2-Dichloropropane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,3-Dichlorobenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
1,4-Dichlorobenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
2-Butanone	ND		34	UG/KG	8260	06/12/2007 13:06		TRB
2-Hexanone	ND		34	UG/KG	8260	06/12/2007 13:06		TRB
4-Methyl-2-pentanone	ND		34	UG/KG	8260	06/12/2007 13:06		TRB
Acetone	17	J	34	UG/KG	8260	06/12/2007 13:06		TRB
Benzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Bromodichloromethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Bromoform	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Bromomethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Carbon Disulfide	2	J	7	UG/KG	8260	06/12/2007 13:06		TRB
Carbon Tetrachloride	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Chlorobenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Chloroethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Chloroform	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Chloromethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
cis-1,2-Dichloroethene	6	J	7	UG/KG	8260	06/12/2007 13:06		TRB
cis-1,3-Dichloropropene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Cyclohexane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Dibromochloromethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Dichlorodifluoromethane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Ethylbenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Isopropylbenzene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Methyl acetate	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Methyl-t-Butyl Ether (MTBE)	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Methylcyclohexane	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Methylene chloride	25	B	7	UG/KG	8260	06/12/2007 13:06		TRB
Styrene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Tetrachloroethene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Toluene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Total Xylenes	ND		20	UG/KG	8260	06/12/2007 13:06		TRB
trans-1,2-Dichloroethene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
trans-1,3-Dichloropropene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Trichloroethene	ND		7	UG/KG	8260	06/12/2007 13:06		TRB
Trichlorofluoromethane	2	J	7	UG/KG	8260	06/12/2007 13:06		TRB
Vinyl chloride	ND		13	UG/KG	8260	06/12/2007 13:06		TRB

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Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SED-1

Lab Sample ID: A7647703

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,4,5-Trichlorophenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,4,6-Trichlorophenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,4-Dichlorophenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,4-Dimethylphenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,4-Dinitrophenol	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
2,4-Dinitrotoluene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2,6-Dinitrotoluene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2-Chloronaphthalene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2-Chlorophenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2-Methylnaphthalene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2-Methylphenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
2-Nitroaniline	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
2-Nitrophenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
3,3'-Dichlorobenzidine	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
3-Nitroaniline	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
4,6-Dinitro-2-methylphenol	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
4-Bromophenyl phenyl ether	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
4-Chloro-3-methylphenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
4-Chloroaniline	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
4-Chlorophenyl phenyl ether	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
4-Methylphenol	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
4-Nitroaniline	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
4-Nitrophenol	ND		40000	UG/KG	8270	06/13/2007	20:56	MRF
Acenaphthene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Acenaphthylene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Acetophenone	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Anthracene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Atrazine	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzaldehyde	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzo(a)anthracene	2500	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzo(a)pyrene	2300	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzo(b)fluoranthene	3500	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzo(ghi)perylene	1300	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Benzo(k)fluoranthene	960	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Biphenyl	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Bis(2-chloroethoxy) methane	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Bis(2-chloroethyl) ether	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Bis(2-ethylhexyl) phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Butyl benzyl phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Caprolactam	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Carbazole	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Chrysene	1800	J	21000	UG/KG	8270	06/13/2007	20:56	MRF
Di-n-butyl phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Di-n-octyl phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Dibenzo(a,h)anthracene	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Dibenzofuran	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Diethyl phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF
Dimethyl phthalate	ND		21000	UG/KG	8270	06/13/2007	20:56	MRF

STL Buffalo

Date: 06/25/2007

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NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SED-1

Lab Sample ID: A7647703

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS									
Fluoranthene	5700	J	21000		UG/KG	8270	06/13/2007 20:56		MRF
Fluorene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Hexachlorobenzene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Hexachlorobutadiene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Hexachlorocyclopentadiene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Hexachloroethane	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Indeno(1,2,3-cd)pyrene	1200	J	21000		UG/KG	8270	06/13/2007 20:56		MRF
Isophorone	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
N-Nitroso-Di-n-propylamine	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
N-nitrosodiphenylamine	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Naphthalene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Nitrobenzene	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Pentachlorophenol	ND		40000		UG/KG	8270	06/13/2007 20:56		MRF
Phenanthrene	3200	J	21000		UG/KG	8270	06/13/2007 20:56		MRF
Phenol	ND		21000		UG/KG	8270	06/13/2007 20:56		MRF
Pyrene	3100	J	21000		UG/KG	8270	06/13/2007 20:56		MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM									
4,4'-DDD	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
4,4'-DDE	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
4,4'-DDT	74	BJ	100		UG/KG	8081	06/20/2007 14:53		TCH
Aldrin	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
alpha-BHC	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
alpha-Chlordane	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
beta-BHC	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
delta-BHC	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Dieldrin	60	J	100		UG/KG	8081	06/20/2007 14:53		TCH
Endosulfan I	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Endosulfan II	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Endosulfan Sulfate	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Endrin	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Endrin aldehyde	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Endrin ketone	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
gamma-BHC (Lindane)	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
gamma-Chlordane	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Heptachlor	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Heptachlor epoxide	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Methoxychlor	ND		100		UG/KG	8081	06/20/2007 14:53		TCH
Toxaphene	ND		2000		UG/KG	8081	06/20/2007 14:53		TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS									
Aroclor 1016	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1221	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1232	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1242	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1248	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1254	ND		20		UG/KG	8082	06/18/2007 19:13		AJ
Aroclor 1260	ND		20		UG/KG	8082	06/18/2007 19:13		AJ

Date: 06/25/2007

Time: 09:46:11

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

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Rept: AN1178

Sample ID: SED-1

Lab Sample ID: A7647703

Date Collected: 06/11/2007

Time Collected: 11:45

Date Received: 06/11/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
Metals Analysis							
Aluminum - Total	2470		12.7	MG/KG	6010	06/16/2007 00:56	
Antimony - Total	ND		19.0	MG/KG	6010	06/16/2007 00:56	
Arsenic - Total	3.2		2.5	MG/KG	6010	06/16/2007 00:56	
Barium - Total	18.5		0.63	MG/KG	6010	06/16/2007 00:56	
Beryllium - Total	ND		0.25	MG/KG	6010	06/16/2007 00:56	
Cadmium - Total	0.60		0.25	MG/KG	6010	06/16/2007 00:56	
Calcium - Total	155000		317	MG/KG	6010	06/18/2007 15:18	
Chromium - Total	63.9		0.63	MG/KG	6010	06/16/2007 00:56	
Cobalt - Total	2.6		0.63	MG/KG	6010	06/16/2007 00:56	
Copper - Total	33.1		1.3	MG/KG	6010	06/16/2007 00:56	
Iron - Total	17100		12.7	MG/KG	6010	06/16/2007 00:56	
Lead - Total	70.1		1.3	MG/KG	6010	06/16/2007 00:56	
Magnesium - Total	68900		25.4	MG/KG	6010	06/16/2007 00:56	
Manganese - Total	652		0.25	MG/KG	6010	06/16/2007 00:56	
Mercury - Total	ND		0.020	MG/KG	7471	06/14/2007 11:48	
Nickel - Total	11.6		0.63	MG/KG	6010	06/16/2007 00:56	
Potassium - Total	483		38.1	MG/KG	6010	06/16/2007 00:56	
Selenium - Total	ND		5.1	MG/KG	6010	06/16/2007 00:56	
Silver - Total	ND		0.63	MG/KG	6010	06/16/2007 00:56	
Sodium - Total	356		178	MG/KG	6010	06/16/2007 00:56	
Thallium - Total	ND		7.6	MG/KG	6010	06/16/2007 00:56	
Vanadium - Total	8.9		0.63	MG/KG	6010	06/16/2007 00:56	
Zinc - Total	165		2.5	MG/KG	6010	06/16/2007 00:56	

**SEVERN
TRENT**
STL
Severn Trent Laboratories, Inc.

Client	NYS DEC	Project Manager	Glenn May	Date	6-11-07	Chain of Custody Number	324605
Address	270 Michigan Ave	Telephone Number (Area Code)/Fax Number	716-851-7220	Lab Number	---	Page	1 of 1

370 Michigan Ave
716 - 851-7220

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if
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[illegible]

Project Name and Location (State)	Carrier/Waybill Number
	2112

[illegible]

Constant's & Preservatives Matrix

[illegible][illegible][illegible][illegible][illegible]

analysis.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
0	0	1	4	9	16	25	36	49	64	81	100	121	144	169	196	225	256	289	324	361	400	441	484	529	576	625	676	729	784	841	900	961	1024	1089	1156	1225	1296	1369	1444	1521	1600	1681	1764	1849	1936	2025	2116	2209	2304	2401	2500	2601	2704	2809	2916	3025	3136	3249	3364	3481	3600	3721	3844	3969	4096	4225	4356	4489	4624	4761	4900	5041	5184	5329	5476	5625	5776	5929	6084	6241	6400	6561	6724	6889	7056	7225	7396	7569	7744	7921	8100	8281	8464	8649	8836	9025	9216	9409	9604	9801	10000

[illegible][illegible][illegible][illegible][illegible][illegible]

Possible Hazard Identification		Sample Disposal	
☒ Non-Hazard	☐ Flammable	☐ Return To Client	☐ Archive For _____ Months
☒ Skin Irritant	☐ Poison B	☒ Disposal By Lab	☐ (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required	QC Requirements (Specify)

☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days	☐ 21 Days	☒ Other <u>10 day</u>
1. Relinquished By _____ Date _____ Time _____					
1. Received By _____ Date _____ Time _____					

6/11/07	N30	Amos O. J.	6/11/07	1430
---------	-----	------------	---------	------

2: Relinquished By	Date	Time

2: Received By	Date	Time

	3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments					
7100					

1600
DISTRIBUTION. WHITE. Obtained in Great Britain. CANADY. Shows with the Somers. DINK. Field Case.

Sample ID: SED-2
 Lab Sample ID: A7660303
 Date Collected: 06/13/2007
 Time Collected: 10:30

Date Received: 06/13/2007
 Project No: NY5A946109
 Client No: L10190
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,1,2,2-Tetrachloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,1,2-Trichloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,1-Dichloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,1-Dichloroethene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2,4-Trichlorobenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2-Dibromo-3-chloropropane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2-Dibromoethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2-Dichlorobenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2-Dichloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,2-Dichloropropane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,3-Dichlorobenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
1,4-Dichlorobenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
2-Butanone	ND		75	UG/KG	8260	06/18/2007 13:28	TRB
2-Hexanone	ND		75	UG/KG	8260	06/18/2007 13:28	TRB
4-Methyl-2-pentanone	ND		75	UG/KG	8260	06/18/2007 13:28	TRB
Acetone	60	BJ	75	UG/KG	8260	06/18/2007 13:28	TRB
Benzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Bromodichloromethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Bromoform	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Bromomethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Carbon Disulfide	6	J	15	UG/KG	8260	06/18/2007 13:28	TRB
Carbon Tetrachloride	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Chlorobenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Chloroethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Chloroform	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Chloromethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
cis-1,2-Dichloroethene	7	J	15	UG/KG	8260	06/18/2007 13:28	TRB
cis-1,3-Dichloropropene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Cyclohexane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Dibromochloromethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Dichlorodifluoromethane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Ethylbenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Isopropylbenzene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Methyl acetate	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Methyl-t-Butyl Ether (MTBE)	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Methylcyclohexane	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Methylene chloride	55	B	15	UG/KG	8260	06/18/2007 13:28	TRB
Styrene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Tetrachloroethene	6	J	15	UG/KG	8260	06/18/2007 13:28	TRB
Toluene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Total Xylenes	ND		45	UG/KG	8260	06/18/2007 13:28	TRB
trans-1,2-Dichloroethene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
trans-1,3-Dichloropropene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Trichloroethene	ND		15	UG/KG	8260	06/18/2007 13:28	TRB
Trichlorofluoromethane	4	J	15	UG/KG	8260	06/18/2007 13:28	TRB
Vinyl chloride	ND		30	UG/KG	8260	06/18/2007 13:28	TRB

Sample ID: SED-2
 Lab Sample ID: A7660303
 Date Collected: 06/13/2007
 Time Collected: 10:30

Date Received: 06/13/2007
 Project No: NY5A946109
 Client No: L10190
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS								
2,2'-Oxybis(1-Chloropropane)	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,4,5-Trichlorophenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,4,6-Trichlorophenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,4-Dichlorophenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,4-Dimethylphenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,4-Dinitrophenol	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
2,4-Dinitrotoluene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2,6-Dinitrotoluene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2-Chloronaphthalene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2-Chlorophenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2-Methylnaphthalene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2-Methylphenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
2-Nitroaniline	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
2-Nitrophenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
3,3'-Dichlorobenzidine	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
3-Nitroaniline	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
4,6-Dinitro-2-methylphenol	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
4-Bromophenyl phenyl ether	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
4-Chloro-3-methylphenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
4-Chloroaniline	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
4-Chlorophenyl phenyl ether	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
4-Methylphenol	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
4-Nitroaniline	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
4-Nitrophenol	ND		17000	UG/KG	8270	06/25/2007 12:56		MRF
Acenaphthene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Acenaphthylene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Acetophenone	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Anthracene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Atrazine	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzaldehyde	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzo(a)anthracene	1600	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzo(a)pyrene	1300	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzo(b)fluoranthene	1700	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzo(ghi)perylene	1300	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Benzo(k)fluoranthene	750	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Biphenyl	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Bis(2-chloroethoxy) methane	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Bis(2-chloroethyl) ether	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Bis(2-ethylhexyl) phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Butyl benzyl phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Caprolactam	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Carbazole	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Chrysene	1200	J	8600	UG/KG	8270	06/25/2007 12:56		MRF
Di-n-butyl phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Di-n-octyl phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Dibenzo(a,h)anthracene	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Dibenzofuran	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Diethyl phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF
Dimethyl phthalate	ND		8600	UG/KG	8270	06/25/2007 12:56		MRF

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 3

Rept: AN1178

Sample ID: SED-2
Lab Sample ID: A7660303
Date Collected: 06/13/2007
Time Collected: 10:30

Date Received: 06/13/2007
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	2600	J	8600	UG/KG	8270	06/25/2007 12:56	MRF
Fluorene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Hexachlorobenzene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Hexachlorobutadiene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Hexachlorocyclopentadiene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Hexachloroethane	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Indeno(1,2,3-cd)pyrene	1200	J	8600	UG/KG	8270	06/25/2007 12:56	MRF
Isophorone	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
N-Nitroso-Di-n-propylamine	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
N-nitrosodiphenylamine	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Naphthalene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Nitrobenzene	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Pentachlorophenol	ND		17000	UG/KG	8270	06/25/2007 12:56	MRF
Phenanthrene	1200	J	8600	UG/KG	8270	06/25/2007 12:56	MRF
Phenol	ND		8600	UG/KG	8270	06/25/2007 12:56	MRF
Pyrene	2100	J	8600	UG/KG	8270	06/25/2007 12:56	MRF
NYS DEC-SOIL-SW8463 8081 - TCL PESTICIDES(SOM							
4,4'-DDD	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
4,4'-DDE	6.8	J	21	UG/KG	8081	06/25/2007 22:29	TCH
4,4'-DDT	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Aldrin	6.4	J	21	UG/KG	8081	06/25/2007 22:29	TCH
alpha-BHC	7.2	J	21	UG/KG	8081	06/25/2007 22:29	TCH
alpha-Chlordane	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
beta-BHC	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
delta-BHC	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Dieldrin	7.6	J	21	UG/KG	8081	06/25/2007 22:29	TCH
Endosulfan I	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Endosulfan II	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Endosulfan Sulfate	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Endrin	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Endrin aldehyde	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Endrin ketone	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
gamma-BHC (Lindane)	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
gamma-Chlordane	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Heptachlor	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Heptachlor epoxide	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Methoxychlor	ND		21	UG/KG	8081	06/25/2007 22:29	TCH
Toxaphene	ND		420	UG/KG	8081	06/25/2007 22:29	TCH
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1221	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1232	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1242	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1248	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1254	ND		42	UG/KG	8082	06/17/2007 16:23	AJ
Aroclor 1260	63		42	UG/KG	8082	06/17/2007 16:23	AJ

Date: 06/27/2007

Time: 17:05:15

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 4

Rept: AN1178

Sample ID: SED-2

Lab Sample ID: A7660303

Date Collected: 06/13/2007

Time Collected: 10:30

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
Metals Analysis									
Aluminum - Total	7420		25.2		MG/KG	6010	06/20/2007	12:50	
Antimony - Total	ND		37.7		MG/KG	6010	06/20/2007	12:50	
Arsenic - Total	64.7		5.0		MG/KG	6010	06/20/2007	12:50	
Barium - Total	215		1.3		MG/KG	6010	06/20/2007	12:50	
Beryllium - Total	0.51		0.50		MG/KG	6010	06/20/2007	12:50	
Cadmium - Total	4.5		0.50		MG/KG	6010	06/20/2007	12:50	
Calcium - Total	27600		126		MG/KG	6010	06/20/2007	12:50	
Chromium - Total	131		1.3		MG/KG	6010	06/20/2007	12:50	
Cobalt - Total	36.7		1.3		MG/KG	6010	06/20/2007	12:50	
Copper - Total	562		2.5		MG/KG	6010	06/20/2007	12:50	
Iron - Total	417000		252		MG/KG	6010	06/21/2007	09:55	
Lead - Total	1230		2.5		MG/KG	6010	06/20/2007	12:50	
Magnesium - Total	9400		50.3		MG/KG	6010	06/20/2007	12:50	
Manganese - Total	1370		0.50		MG/KG	6010	06/20/2007	12:50	
Mercury - Total	0.166		0.045		MG/KG	7471	06/15/2007	14:24	
Nickel - Total	180		1.3		MG/KG	6010	06/20/2007	12:50	
Potassium - Total	937		75.5		MG/KG	6010	06/20/2007	12:50	
Selenium - Total	ND		10.1		MG/KG	6010	06/20/2007	12:50	
Silver - Total	ND		1.3		MG/KG	6010	06/20/2007	12:50	
Sodium - Total	1020		352		MG/KG	6010	06/20/2007	12:50	
Thallium - Total	ND		15.1		MG/KG	6010	06/20/2007	12:50	
Vanadium - Total	17.5		1.3		MG/KG	6010	06/20/2007	12:50	
Zinc - Total	8170		50.3		MG/KG	6010	06/21/2007	09:55	

Date: 07/16/2007

Time: 09:48:09

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
NYSDEC Spills - Old Upper Mountain Rd:Site #932112

Page: 1

Rept: AN1178

Sample ID: SED-2

Lab Sample ID: A7734907

Date Collected: 06/13/2007

Time Collected: 10:30

Date Received: 06/13/2007

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
TCLP Metals Analysis								
Lead - Total	810		5.0		UG/L	6010	07/10/2007 00:41	

STILL
SEVERN
TRENT

Severn Trent Laboratories, Inc.

STL-4124 (0901)

[illegible]

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Slays with the Sample; PINK - Field Copy